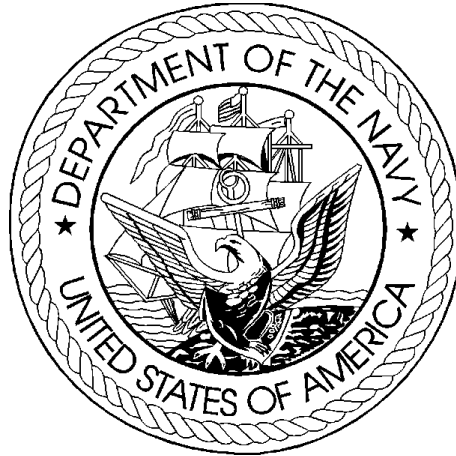


DEPARTMENT OF THE NAVY  
FISCAL YEAR (FY) 2011  
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES  
FEBRUARY 2010

PROCUREMENT OF AMMUNITION,  
NAVY AND MARINE CORPS  
BUDGET ACTIVITY 2

Page Intentionally Blank

## **Department of Defense Appropriations Act, 2011**

---

### **Procurement of Ammunition, Navy and Marine Corps**

For construction, procurement, production, and modification of ammunition, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities, authorized by section 2854 of title 10, United States Code, and the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$817,991,000, to remain available for obligation until September 30, 2013.

Page Intentionally Blank

## UNCLASSIFIED

Department of the Navy  
 FY 2011 President's Budget  
 Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request  
 Summary  
 (Dollars in Thousands)

22 Jan 2010

| Appropriation<br>-----         | FY 2009<br>(Base & OCO)<br>----- | FY 2010<br>Base & OCO<br>Enacted<br>----- | FY 2010<br>Supplemental<br>Request<br>----- | FY 2010<br>Total<br>----- |
|--------------------------------|----------------------------------|-------------------------------------------|---------------------------------------------|---------------------------|
| Procurement of Ammo, Navy & MC | 859,519                          | 884,770                                   |                                             | 884,770                   |
| Total Department of the Navy   | 859,519                          | 884,770                                   |                                             | 884,770                   |

## UNCLASSIFIED

Department of the Navy  
 FY 2011 President's Budget  
 Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request  
 Summary  
 (Dollars in Thousands)

22 Jan 2010

| Appropriation<br>-----         | FY 2011<br>Base<br>----- | FY 2011<br>OCO<br>----- | FY 2011<br>Total Request<br>----- |
|--------------------------------|--------------------------|-------------------------|-----------------------------------|
| Procurement of Ammo, Navy & MC | 358,803                  | 370,268                 | 729,071                           |
| Total Department of the Navy   | 358,803                  | 370,268                 | 729,071                           |

## UNCLASSIFIED

Department of the Navy  
 FY 2011 President's Budget  
 Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request  
 Summary  
 (Dollars in Thousands)

22 Jan 2010

Appropriation: Procurement of Ammo, Navy &amp; MC

| Budget Activity<br>-----             | FY 2009<br>(Base & OCO)<br>----- | FY 2010<br>Base & OCO<br>Enacted<br>----- | FY 2010<br>Supplemental<br>Request<br>----- | FY 2010<br>Total<br>----- |
|--------------------------------------|----------------------------------|-------------------------------------------|---------------------------------------------|---------------------------|
| 02. Proc Ammo, MC                    | 859,519                          | 884,770                                   |                                             | 884,770                   |
| Total Procurement of Ammo, Navy & MC | 859,519                          | 884,770                                   |                                             | 884,770                   |

## UNCLASSIFIED

Department of the Navy  
 FY 2011 President's Budget  
 Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request  
 Summary  
 (Dollars in Thousands)

22 Jan 2010

Appropriation: Procurement of Ammo, Navy &amp; MC

| Budget Activity<br>-----             | FY 2011<br>Base<br>----- | FY 2011<br>OCO<br>----- | FY 2011<br>Total Request<br>----- |
|--------------------------------------|--------------------------|-------------------------|-----------------------------------|
| 02. Proc Ammo, MC                    | 358,803                  | 370,268                 | 729,071                           |
| Total Procurement of Ammo, Navy & MC | 358,803                  | 370,268                 | 729,071                           |



## UNCLASSIFIED

Department of the Navy  
FY 2011 President's Budget  
Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request  
(Dollars in Thousands)

Appropriation: 1508N Procurement of Ammo, Navy &amp; MC

Date: 22 Jan 2010

| Line<br>No                           | Item Nomenclature               | Ident<br>Code | FY 2009<br>(Base & OCO)<br>Quantity Cost | FY 2010<br>Base & OCO<br>Enacted<br>Quantity Cost | FY 2010<br>Supplemental<br>Request<br>Quantity Cost | FY 2010<br>Total<br>Quantity Cost | S<br>e<br>c |
|--------------------------------------|---------------------------------|---------------|------------------------------------------|---------------------------------------------------|-----------------------------------------------------|-----------------------------------|-------------|
| -----                                | -----                           | -----         | -----                                    | -----                                             | -----                                               | -----                             | -           |
| Budget Activity 02: Proc Ammo, MC    |                                 |               |                                          |                                                   |                                                     |                                   |             |
| -----                                |                                 |               |                                          |                                                   |                                                     |                                   |             |
| Marine Corps Ammunition              |                                 |               |                                          |                                                   |                                                     |                                   |             |
| 15                                   | Small Arms Ammunition           |               | 149,180                                  | 104,443                                           |                                                     | 104,443                           | U           |
| 16                                   | Linear Charges, All Types       | A             | 18,951                                   | 29,391                                            |                                                     | 29,391                            | U           |
| 17                                   | 40 Mm, All Types                | A             | 84,927                                   | 161,939                                           |                                                     | 161,939                           | U           |
| 18                                   | 60mm, All Types                 | A             | 68,956                                   | 65,592                                            |                                                     | 65,592                            | U           |
| 19                                   | 81mm, All Types                 | A             | 94,825                                   | 158,347                                           |                                                     | 158,347                           | U           |
| 20                                   | 120mm, All Types                | A             | 118,810                                  | 91,753                                            |                                                     | 91,753                            | U           |
| 21                                   | Ctg 25mm, All Types             | A             | 2,267                                    | 2,815                                             |                                                     | 2,815                             | U           |
| 22                                   | Grenades, All Types             | A             | 52,172                                   | 16,735                                            |                                                     | 16,735                            | U           |
| 23                                   | Rockets, All Types              | A             | 25,264                                   | 22,022                                            |                                                     | 22,022                            | U           |
| 24                                   | Artillery, All Types            | A             | 183,462                                  | 139,745                                           |                                                     | 139,745                           | U           |
| 25                                   | Demolition Munitions, All Types | A             | 29,394                                   | 24,081                                            |                                                     | 24,081                            | U           |
| 26                                   | Fuze, All Types                 | A             | 8,791                                    | 51,644                                            |                                                     | 51,644                            | U           |
| 27                                   | Non Lethals                     | B             | 3,982                                    | 3,025                                             |                                                     | 3,025                             | U           |
| 28                                   | Ammo Modernization              | A             | 10,647                                   | 8,859                                             |                                                     | 8,859                             | U           |
| 29                                   | Items Less Than \$5 Million     | A             | 7,891                                    | 4,379                                             |                                                     | 4,379                             | U           |
| Total Proc Ammo, MC                  |                                 |               | 859,519                                  | 884,770                                           |                                                     | 884,770                           |             |
| Total Procurement of Ammo, Navy & MC |                                 |               | 859,519                                  | 884,770                                           |                                                     | 884,770                           |             |

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 22, 2010 at 13:16:25

UNCLASSIFIED

## UNCLASSIFIED

Department of the Navy  
 FY 2011 President's Budget  
 Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request  
 (Dollars in Thousands)

Appropriation: 1508N Procurement of Ammo, Navy &amp; MC

Date: 22 Jan 2010

| Line<br>No                           | Item Nomenclature               | Ident<br>Code | FY 2011<br>Base<br>Quantity | Cost  | FY 2011<br>OCO<br>Quantity | Cost  | FY 2011<br>Total Request<br>Quantity | Cost  | S<br>e<br>c |
|--------------------------------------|---------------------------------|---------------|-----------------------------|-------|----------------------------|-------|--------------------------------------|-------|-------------|
| -----                                | -----                           | -----         | -----                       | ----- | -----                      | ----- | -----                                | ----- | -           |
| Budget Activity 02: Proc Ammo, MC    |                                 |               |                             |       |                            |       |                                      |       |             |
| -----                                |                                 |               |                             |       |                            |       |                                      |       |             |
| Marine Corps Ammunition              |                                 |               |                             |       |                            |       |                                      |       |             |
| 15                                   | Small Arms Ammunition           |               | 64,839                      |       | 19,498                     |       | 84,337                               |       | U           |
| 16                                   | Linear Charges, All Types       | A             | 15,329                      |       | 4,677                      |       | 20,006                               |       | U           |
| 17                                   | 40 Mm, All Types                | A             | 62,835                      |       | 11,307                     |       | 74,142                               |       | U           |
| 18                                   | 60mm, All Types                 | A             | 17,877                      |       | 17,150                     |       | 35,027                               |       | U           |
| 19                                   | 81mm, All Types                 | A             | 41,053                      |       | 27,738                     |       | 68,791                               |       | U           |
| 20                                   | 120mm, All Types                | A             | 6,458                       |       | 96,895                     |       | 103,353                              |       | U           |
| 21                                   | Ctg 25mm, All Types             | A             | 2,937                       |       | 990                        |       | 3,927                                |       | U           |
| 22                                   | Grenades, All Types             | A             | 9,298                       |       | 6,137                      |       | 15,435                               |       | U           |
| 23                                   | Rockets, All Types              | A             | 13,995                      |       | 13,543                     |       | 27,538                               |       | U           |
| 24                                   | Artillery, All Types            | A             | 70,423                      |       | 137,118                    |       | 207,541                              |       | U           |
| 25                                   | Demolition Munitions, All Types | A             | 19,464                      |       | 9,296                      |       | 28,760                               |       | U           |
| 26                                   | Fuze, All Types                 | A             | 18,032                      |       | 25,888                     |       | 43,920                               |       | U           |
| 27                                   | Non Lethals                     | B             | 3,009                       |       | 31                         |       | 3,040                                |       | U           |
| 28                                   | Ammo Modernization              | A             | 8,985                       |       |                            |       | 8,985                                |       | U           |
| 29                                   | Items Less Than \$5 Million     | A             | 4,269                       |       |                            |       | 4,269                                |       | U           |
|                                      |                                 |               | -----                       |       | -----                      |       | -----                                |       |             |
| Total Proc Ammo, MC                  |                                 |               | 358,803                     |       | 370,268                    |       | 729,071                              |       |             |
|                                      |                                 |               | -----                       |       | -----                      |       | -----                                |       |             |
| Total Procurement of Ammo, Navy & MC |                                 |               | 358,803                     |       | 370,268                    |       | 729,071                              |       |             |

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 22, 2010 at 13:16:25

UNCLASSIFIED

|                                                                                                                    |            |         |         |                                |                |                                                                     |         |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|----------------|---------------------------------------------------------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                     |            |         |         |                                |                |                                                                     |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |         |                                |                | P-1 Item Nomenclature:<br>(100000) SMALL ARMS AMMUNITION, ALL TYPES |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                  |            |         |         | Other Related Program Elements |                |                                                                     |         |                        |         |         |                |                  |
|                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011 | Total<br>FY 2011                                                    | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                           |            |         |         |                                |                |                                                                     |         |                        |         |         |                |                  |
| Gross Cost                                                                                                         | A          | 149.179 | 104.443 | 64.839                         | 19.498         | 84.337                                                              | 80.508  | 123.097                | 74.458  | 75.795  |                | 691.817          |
| Reserves                                                                                                           | A          | 0.000   | 0.000   | 0.000                          | 0.000          | 0.000                                                               | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |

**Base Appropriation Request:**

This funding (DODIC A001) supports the procurement of components used in building small arms cartridges in support of the Marine Corps Rifle Team, Quantico, Virginia.

The Cartridge, Ball M855 10/Clip (DODIC A059) is the primary ball ammunition for the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) with a magazine.

The Cartridge, 5.56mm Ball M855 Linked (DODIC A062) is used in the M249 SAW Machine Gun and is intended for training during dry conditions where tracer ammunition is restricted from use.

The Cartridge, 5.56mm Tracer M856 Single Round (DODIC A063) is used with the M249 SAW Machine Gun and the M16A2 Rifle. The M856 Single Round has an orange tip on the projectile to identify the cartridge as a tracer. The tracer round is used for illuminating the trajectory path, incendiary, and signaling purposes. The cartridge consists of a brass cartridge case, a primer, propellant and bullet.

The Cartridge, 5.56mm 4 Ball M855/1 Tracer M856 Linked (DODIC A064) is the standard ammunition used for combat and training in the M249 SAW Machine Gun. The M856 Tracer cartridge is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.

The Cartridge, 5.56mm Blank M200 Linked (DODIC A075) is used in the M249 SAW Machine Gun. It is designed to simulate firing during training exercises. The cartridge is identified by a rosette crimp closure of the cartridge mouth.

The Cartridge, 5.56mm Blank M200 Single Round (DODIC A080) is used in the M16A2 Rifle and can be used in the M249 SAW Machine Gun with a magazine. It is designed to simulate firing during training exercises. The cartridge can be identified by a rosette crimp closure of the cartridge mouth.

Cartridge, 7.62 MM (DODIC A102) ball ammunition is designed for use with the AK47 rifle to provide simulated enemy actions during training evolutions.

The Cartridge, 7.62 MM blank (DODIC A103) is designed for training exercises to simulate live fire with the AK47 assault rifle.

The Cartridge, 7.62mm Blank M82 Linked (DODIC A111) is used with blank firing attachments to simulate firing during training exercises with the M240 Machine Guns.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |         |         |                                |                |                                                                     |         |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|----------------|---------------------------------------------------------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |         |         |                                |                |                                                                     |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |         |         |                                |                | P-1 Item Nomenclature:<br>(100000) SMALL ARMS AMMUNITION, ALL TYPES |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |         |         | Other Related Program Elements |                |                                                                     |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011 | Total<br>FY 2011                                                    | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |         |         |                                |                |                                                                     |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A          | 149.179 | 104.443 | 64.839                         | 19.498         | 84.337                                                              | 80.508  | 123.097                | 74.458  | 75.795  |                | 691.817          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |         |         |                                |                |                                                                     |         |                        |         |         |                |                  |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A          | 0.000   | 0.000   | 0.000                          | 0.000          | 0.000                                                               | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p>The Cartridge, 7.62mm 4 Ball M80/1 Tracer M62 Linked (DODIC A131) is mainly used in the M240 Machine Guns against personnel and unarmored targets. The M62 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.</p> <p>The Cartridge, 7.62mm Ball M80 Linked (DODIC A143) is used mainly in the M240 machine guns against personnel and unarmored targets. The DODIC A143 is used to augment DODIC A131 as dictated by local fire conditions.</p> <p>The Cartridge, 7.62mm 4 Ball M80/1 Tracer M62 Linked (DODIC A151) is used mainly in the M240 Machine Gun against personnel and unarmored targets. This cartridge is used in training scenarios where cleared for overhead fire requirements are necessary.</p> <p>The Cartridge, 9mm Ball M882 (DODIC A363) is intended for use against enemy personnel and for security purposes. This cartridge may be used in the M9 Service Pistol and the MP5N Submachine Gun.</p> <p>The Cartridge, Caliber .45 Ball M1911 (DODIC A475) is intended for use against personnel and used in the M1911/A1 Automatic Pistols, M1, M1A1, and M3 Submachine Guns.</p> <p>The Cartridge, Caliber .45 Ball M1911 Match (DODIC A483) is intended for use in competitive match programs and target practice used in the M1911/A1 Automatic Pistols. The word MATCH or NM (National Match) stamped on the case head identifies this cartridge.</p> <p>The Cartridge, Caliber .50 M33 Linked (DODIC A555) is used in M2 .50 Caliber Machine Guns to augment DODIC A576 as dictated by local fire conditions.</p> <p>The Cartridge, Caliber .50 4 API M8/1 API-T M20 Linked (DODIC A576) is used in M2 .50 caliber Machine Guns against armored targets. Upon impact with the target, the incendiary mixture bursts into flames and ignites the flammable material.</p> <p>The Cartridge, Caliber .50 Blank M1A1 Linked (DODIC A598) is used to simulate firing in training exercises using the M2 Machine Guns. The M1A1 Cartridge is identified by the absence of a bullet.</p> <p>The Cartridge, Caliber .50 API MK211 Mod 0 Single Round (DODIC A606) is used in the M82A3 Special Application Scoped Rifle (SASR) sniper rifle against armored targets. This cartridge is an improved version of the M8-API that provides penetration, fragmentation, and fire starting capabilities upon impact.</p> |            |         |         |                                |                |                                                                     |         |                        |         |         |                |                  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |         |         |                                                                     |                |                  |         |                        |         |         |                |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------------------------------------------------------------------|----------------|------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |         |         |                                                                     |                |                  |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |         |         | P-1 Item Nomenclature:<br>(100000) SMALL ARMS AMMUNITION, ALL TYPES |                |                  |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |         |         | Other Related Program Elements                                      |                |                  |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                                                     | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |         |                                                                     |                |                  |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A          | 149.179 | 104.443 | 64.839                                                              | 19.498         | 84.337           | 80.508  | 123.097                | 74.458  | 75.795  |                | 691.817          |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A          | 0.000   | 0.000   | 0.000                                                               | 0.000          | 0.000            | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p>The Cartridge, 5.56mm 4 armor piercing M995/1 Tracer M856 Linked (DODIC AA02) is the standard ammunition used for combat and training for use in the M249 Squad Automatic Weapon (SAW) Machine Gun. The rounds are linked with M27 Links. The M855 and M856 round consists of a brass cartridge case, a primer and propellant. The M995 Armor Piercing round has a black bullet tip for identification. The M856 Tracer round has an orange bullet tip for identification. The M856 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact, target designation, or range estimation.</p> <p>The Cartridge, 7.62mm Armor Piercing M993 Single (DODIC AA03) is the standard ammunition used for combat and training for use in the M240 Machine Guns. The cartridge is used in machine guns against personnel and light armored or unarmored targets, concrete shelters, and similar bullet-resisting targets. The M993 consists of a brass cartridge case, a primer and propellant. The M993 armor piercing round has a black stripe circling the tip for identification.</p> <p>The Cartridge, 7.62mm 4 armor piercing M993/1 Tracer M62 Linked (DODIC AA04) is the standard ammunition used for combat and training for use in the M240 Machine Guns. The cartridge is used in machine guns against personnel and light armored or unarmored targets, concrete shelters, and similar bullet-resisting targets. The M993 and M62 consist of a brass cartridge case, a primer and propellant. The M993 armor piercing round has a black stripe circling the tip for identification. The M62 Tracer round consists of a brass cartridge case and a bullet with an orange tip for identification.</p> <p>The Cartridge, 7.62mm Long Range M118 LR (DODIC AA11) is intended for long-range sniper and match firing and is used in the M86 Sniper and the M14 Rifles. This cartridge is used in training and for missions demanding accurate single fire that typically involves sniper and marksmanship applications.</p> <p>The Cartridge, 9mm Red Marking (DODIC AA12) is utilized with the M4A1 Carbine, Sig Sauer P226 Pistol, MP5 Submachine Gun and M9 Special Effects Small Arms Marking System (SESAMS) Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire. The intended use for this cartridge is to provide enhanced training by allowing force-on-force training versus firing at silhouette on impact. When the projectile impacts a target, the plastic projectile sheath breaks and detergent marks the target indicating a hit.</p> <p>The Cartridge, 9mm Blue Marking (DODIC AA21) is utilized with the M4A1 Carbine, Sig Sauer P226 Pistol, MP5 Submachine Gun and M9 Special SESAMS Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire. The intended use for this cartridge is to provide enhanced training by allowing force-on-force training versus firing at silhouette on impact. When the projectile impacts a target, the plastic projectile sheath breaks and detergent marks the target indicating a hit.</p> |            |         |         |                                                                     |                |                  |         |                        |         |         |                |                  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |         |         |                                                                     |                |                  |         |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------------------------------------------------------------------|----------------|------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |         |         |                                                                     |                |                  |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |         |         | P-1 Item Nomenclature:<br>(100000) SMALL ARMS AMMUNITION, ALL TYPES |                |                  |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |         |         | Other Related Program Elements                                      |                |                  |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                                                     | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |         |         |                                                                     |                |                  |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A          | 149.179 | 104.443 | 64.839                                                              | 19.498         | 84.337           | 80.508  | 123.097                | 74.458  | 75.795  |                | 691.817          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |         |         |                                                                     |                |                  |         |                        |         |         |                |                  |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A          | 0.000   | 0.000   | 0.000                                                               | 0.000          | 0.000            | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p>The Cartridge, 12 Gauge Door Breaching (DODIC AA54) for use with the M500, M590, and M870 12-gauge, auto loading, and pump action shotguns. The 12-gauge door-breaching cartridge is intended to destroy locks and fixtures on doors and automobiles with little or no collateral damage to the interior.</p> <p>Cartridge 5.56 Special Match Molydenum Coated (DODIC: AA67). This cartridge is in support of the Marine Corps Competition in Arms Program.</p> <p>The foreign ammunition (DODIC APKM) is to support the requirements for Marines to conduct familiarization training with the AK series weapons (Soviet 7.62mm x 51mm assault rifles), RPD light machineguns (Soviet 7.62mm x 39mm machineguns/squad automatic weapons), and PKM medium machineguns (Soviet designed 7.62mm xx 54r mm machineguns.)</p> <p>The Cartridge, 9mm Spotting Rifle MK212 Mod 0 (DODIC AX11) is used on the MK153 Assault Rocket Launcher (ARL)/Shoulder-Launched Multipurpose Assault Weapon (SMAW).</p> <p>The Primer, Percussion W209 (DODIC AX14) consists of a rimmed battery cup approximately .24 inches in diameter and .30 inches in length. It has an inverted primer cup loaded with .88 grains of lead styphnate pressed into one end and a flash hole approximately .095 inches in diameter at the opposite end. The Percussion Cap Primer is used to initiate a Blasting Cap/Detonator or igniter charge. It is issued separately for repriming firing devices used with regular practice mines, improvised practice mines or booby traps as well as demolition firing devices.</p> <p><b>FY11 Overseas Contingency Operations Request (OCO):</b></p> <p>DODIC A059, \$3.829; DODIC A143, \$1.017; DODIC AA11, \$0.733. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.</p> <p>DODIC A064, \$4.564; DODIC A131, \$3.000; DODIC AA02, \$3.000; DODIC AA03, \$1.899; DODIC AA04, \$1.022; DODIC AA11, \$0.733. Lack of funding to replace training expenditures will further erode the USMC's WRMR and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.</p> |            |         |         |                                                                     |                |                  |         |                        |         |         |                |                  |

[illegible]

| Exhibit P-5, Cost Analysis                                                                                         |               | Weapon System |              |               | Date:<br>FEBRUARY 2010                                                   |              |               |             |              |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|---------------|---------------|--------------|---------------|--------------------------------------------------------------------------|--------------|---------------|-------------|--------------|--|--|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |               |              | Code<br>A     | P-1 Line Item Nomenclature:<br>(100000) SMALL ARMS AMMUNITION, ALL TYPES |              |               |             |              |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09          |               |              | FY10          |                                                                          |              | FY11          |             |              |  |  |  |
|                                                                                                                    | Total<br>Cost | Qty           | Unit<br>Cost | Total<br>Cost | Qty                                                                      | Unit<br>Cost | Total<br>Cost | Qty         | Unit<br>Cost |  |  |  |
| BASELINE                                                                                                           |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| HARDWARE                                                                                                           |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A059, CTG, 5.56MM BALL                                                                                             |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 41.348        | 168,285,802   | 0.25         | 59.049        | 183,667,580                                                              | 0.32         | 42.459        | 115,785,419 | 0.37         |  |  |  |
| BOX METAL M2A1(EA)                                                                                                 | 1.780         | 203,626       | 8.74         | 2.467         | 222,238                                                                  | 11.10        | 1.719         | 140,294     | 12.25        |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A062, CTG, 5.56MM BALL LINKED                                                                                      |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| COMPLETE ROUND                                                                                                     | 1.027         | 3,358,148     | 0.31         | 0.135         | 148,290                                                                  | 0.91         |               |             |              |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A063, CTG, 5.56MM TRACER M856 SING                                                                                 |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| LOAD, ASSEMBLE, PACK (LAP)                                                                                         | 0.956         | 2,346,876     | 0.41         |               |                                                                          |              |               |             |              |  |  |  |
| BOX METAL M2A1                                                                                                     | 0.024         | 2,887         | 8.41         |               |                                                                          |              |               |             |              |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A064, CTG, 5.56MM 4 & 1 LINKED                                                                                     |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| COMPLETE ROUND                                                                                                     | 18.329        | 53,391,034    | 0.34         | 5.247         | 6,064,113                                                                | 0.87         | 2.841         | 5,237,874   | 0.54         |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A075, CTG, 5.56MM BLANK LINKED                                                                                     |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| COMPLETE ROUND                                                                                                     | 3.249         | 11,759,540    | 0.28         | 2.351         | 2,442,195                                                                | 0.96         | 1.082         | 2,488,894   | 0.43         |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A080, CTG, 5.56MM BLANK                                                                                            |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 1.300         | 6,938,692     | 0.19         | 1.300         | 7,379,990                                                                | 0.18         | 0.932         | 3,062,120   | 0.30         |  |  |  |
| BOX METAL M2A1(EA)                                                                                                 | 0.055         | 6,176         | 8.96         | 0.073         | 6,569                                                                    | 11.10        | 0.033         | 2,726       | 12.25        |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A111, CTG, 7.62MM BLANK LINKED                                                                                     |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| COMPLETE ROUND                                                                                                     | 9.794         | 19,624,091    | 0.50         |               |                                                                          |              |               |             |              |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A131, CTG, 7.62MM 4 & 1 LINKED                                                                                     |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| COMPLETE ROUND                                                                                                     | 22.495        | 36,547,777    | 0.62         | 7.284         | 9,687,663                                                                | 0.75         | 3.965         | 4,502,674   | 0.88         |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A143, CTG, 7.62MM BALL LINKED                                                                                      |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| COMPLETE ROUND                                                                                                     | 3.886         | 6,621,983     | 0.59         | 4.483         | 5,319,015                                                                | 0.84         | 0.604         | 723,284     | 0.84         |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A363, CTG, 9MM BALL                                                                                                |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 2.066         | 14,659,405    | 0.14         | 3.212         | 22,445,319                                                               | 0.14         |               |             |              |  |  |  |
| BOX METAL M2A1(EA)                                                                                                 | 0.123         | 14,806        | 8.32         | 0.252         | 22,670                                                                   | 11.10        |               |             |              |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A475, CTG, CAL .45 BALL                                                                                            |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 1.952         | 4,818,863     | 0.41         |               |                                                                          |              |               |             |              |  |  |  |
| BOX METAL M2A1(EA)                                                                                                 | 0.041         | 4,868         | 8.52         |               |                                                                          |              |               |             |              |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| A483, CTG, CAL .45 MATCH GRADE                                                                                     |               |               |              |               |                                                                          |              |               |             |              |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 0.177         | 426,940       | 0.41         |               |                                                                          |              |               |             |              |  |  |  |
| BOX METAL M2A1(EA)                                                                                                 | 0.004         | 432           | 8.52         |               |                                                                          |              |               |             |              |  |  |  |
|                                                                                                                    |               |               |              |               |                                                                          |              |               |             |              |  |  |  |



|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
|---------------------------------------------------------------|------------|-----------|---------------|------------|-------------------------------------------|------------------------|------------|-----------|-----------|--|--|--|
| Exhibit P-5, Cost Analysis                                    |            |           | Weapon System |            |                                           | Date:<br>FEBRUARY 2010 |            |           |           |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:             |            |           |               | ID Code:   | P-1 Line Item Nomenclature:               |                        |            |           |           |  |  |  |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |           |               | A          | (100000) SMALL ARMS AMMUNITION, ALL TYPES |                        |            |           |           |  |  |  |
| WBS COST ELEMENTS                                             | FY09       |           |               | FY10       |                                           |                        | FY11       |           |           |  |  |  |
|                                                               | Total Cost | Qty       | Unit Cost     | Total Cost | Qty                                       | Unit Cost              | Total Cost | Qty       | Unit Cost |  |  |  |
| BASELINE                                                      |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| A555, CTG, CAL .50 BALL LINKED                                |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   | 0.911      | 371,747   | 2.45          |            |                                           |                        |            |           |           |  |  |  |
| BOX METAL M2A1(EA)                                            | 0.042      | 4,994     | 8.41          |            |                                           |                        |            |           |           |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| A576, CTG, CAL .50 4 & 1 LINKED                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   | 19.929     | 7,819,517 | 2.55          | 11.102     | 3,482,497                                 | 3.19                   | 5.575      | 1,749,432 | 3.19      |  |  |  |
| BOX METAL M2A1(EA)                                            | 0.664      | 78,978    | 8.41          | 0.390      | 35,174                                    | 11.10                  | 0.219      | 17,845    | 12.25     |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| A598, CTG, CAL .50 BLANK LINKED M2                            |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   |            |           |               | 0.085      | 79,328                                    | 1.08                   |            |           |           |  |  |  |
| BOX METAL M2A1(EA)                                            |            |           |               | 0.009      | 802                                       | 11.10                  |            |           |           |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| A606, CTG, CAL .50 API SNIPER RIFLE                           |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   | 3.766      | 382,627   | 9.84          | 0.194      | 18,086                                    | 10.75                  | 0.195      | 14,975    | 13.02     |  |  |  |
| BOX METAL M2A1(EA)                                            | 0.032      | 3,215     | 10.05         | 0.002      | 152                                       | 11.10                  | 0.002      | 126       | 12.25     |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| AA11, CTG, 7.62MM BALL LONG RANGE                             |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   | 2.093      | 2,784,213 | 0.75          | 1.939      | 2,346,561                                 | 0.83                   | 0.188      | 226,281   | 1.06      |  |  |  |
| BOX METAL M2A1(EA)                                            | 0.052      | 6,126     | 8.41          | 0.057      | 5,163                                     | 11.10                  | 0.006      | 516       | 12.25     |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| AA54, CTG, 12GA BREACHING ROUND                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| COMPLETE ROUND                                                | 1.672      | 759,680   | 2.20          |            |                                           |                        |            |           |           |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| PRODUCT                                                       |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| ACCEPTANCE TESTING                                            | 0.150      |           |               | 0.745      |                                           |                        | 0.782      |           |           |  |  |  |
| PRODUCTION ENGINEERING                                        | 2.515      |           |               | 0.923      |                                           |                        | 0.465      |           |           |  |  |  |
| QUALITY ASSURANCE                                             | 0.048      |           |               | 0.22       |                                           |                        | 0.013      |           |           |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| NON-RECURRING                                                 |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| REFERENCE ROUNDS                                              |            |           |               | 0.053      |                                           |                        |            |           |           |  |  |  |
| DOLLARS NOT IN UNIT PRICE                                     |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| ROUNDING                                                      |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| EPA CLAIM                                                     |            |           |               |            |                                           |                        |            |           |           |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |
| Subtotal Baseline                                             | 140.480    |           |               | 101.572    |                                           |                        | 61.080     |           |           |  |  |  |
|                                                               |            |           |               |            |                                           |                        |            |           |           |  |  |  |

|                                                                                                                    |                |               |              |                |                                                                          |              |               |           |              |  |  |
|--------------------------------------------------------------------------------------------------------------------|----------------|---------------|--------------|----------------|--------------------------------------------------------------------------|--------------|---------------|-----------|--------------|--|--|
| <b>Exhibit P-5, Cost Analysis</b>                                                                                  |                | Weapon System |              |                | Date:<br>FEBRUARY 2010                                                   |              |               |           |              |  |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |                |               |              | Code<br>A      | P-1 Line Item Nomenclature:<br>(100000) SMALL ARMS AMMUNITION, ALL TYPES |              |               |           |              |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09           |               |              | FY10           |                                                                          |              | FY11          |           |              |  |  |
|                                                                                                                    | Total<br>Cost  | Qty           | Unit<br>Cost | Total<br>Cost  | Qty                                                                      | Unit<br>Cost | Total<br>Cost | Qty       | Unit<br>Cost |  |  |
| <b>FY11 OCO</b>                                                                                                    |                |               |              |                |                                                                          |              |               |           |              |  |  |
| HARDWARE                                                                                                           |                |               |              |                |                                                                          |              |               |           |              |  |  |
| A059, CTG, 5.56MM BALL<br>LOAD, ASSEMBLE & PACK (LAP)                                                              |                |               |              |                |                                                                          |              | 3.616         | 9,860,932 | 0.37         |  |  |
| BOX METAL M2A1(EA)                                                                                                 |                |               |              |                |                                                                          |              | 0.144         | 11,739    | 12.25        |  |  |
| A064, CTG, 5.56MM 4 & 1 LINKED<br>COMPLETE ROUND                                                                   |                |               |              |                |                                                                          |              | 4.535         | 8,362,037 | 0.54         |  |  |
| A131, CTG, 7.62MM 4 & 1 LINKED<br>COMPLETE ROUND                                                                   |                |               |              |                |                                                                          |              | 2.869         | 3,258,036 | 0.88         |  |  |
| A143, CTG, 7.62MM BALL LINKED<br>COMPLETE ROUND                                                                    |                |               |              |                |                                                                          |              | 0.920         | 1,101,127 | 0.84         |  |  |
| A363, CTG, 9MM BALL<br>LOAD, ASSEMBLE & PACK (LAP)                                                                 |                |               |              |                |                                                                          |              | 0.362         | 2,465,075 | 0.15         |  |  |
| BOX METAL M2A1(EA)                                                                                                 |                |               |              |                |                                                                          |              | 0.031         | 2,490     | 12.25        |  |  |
| AA02, CTG. 5.56MM 4 AP M995: ITRACER<br>LOAD, ASSEMBLE & PACK (LAP)                                                |                |               |              |                |                                                                          |              | 0.600         | 1,962,135 | 0.31         |  |  |
| CTG 5.56MM M995 COMMERCIAL PACK                                                                                    |                |               |              |                |                                                                          |              | 2.396         | 1,569,708 | 1.53         |  |  |
| AA03, CTG, 7.62MM M993 ARMOR PIERCING<br>LOAD, ASSEMBLE & PACK (LAP)                                               |                |               |              |                |                                                                          |              | 0.150         | 759,758   | 0.20         |  |  |
| M993 7.62MM AP PENETRATOR                                                                                          |                |               |              |                |                                                                          |              | 1.746         | 759,758   | 2.30         |  |  |
| AA04, CTG, 7.62MM 4 AP M995 TO 1 TRACER<br>LOAD, ASSEMBLE & PACK (LAP)                                             |                |               |              |                |                                                                          |              | 0.191         | 447,896   | 0.43         |  |  |
| M993 7.62MM AP PENETRATOR                                                                                          |                |               |              |                |                                                                          |              | 0.823         | 358,317   | 2.30         |  |  |
| AA11, CTG, 7.62MM BALL LONG RANGE<br>LOAD, ASSEMBLE & PACK (LAP)                                                   |                |               |              |                |                                                                          |              | 0.702         | 663,469   | 1.06         |  |  |
| BOX METAL M2A1(EA)                                                                                                 |                |               |              |                |                                                                          |              | 0.018         | 1,442     | 12.25        |  |  |
| PRODUCT                                                                                                            |                |               |              |                |                                                                          |              |               |           |              |  |  |
| ACCEPTANCE TESTING                                                                                                 |                |               |              |                |                                                                          |              | 0.180         |           |              |  |  |
| PRODUCTION ENGINEERING                                                                                             |                |               |              |                |                                                                          |              | 0.215         |           |              |  |  |
| QUALITY ASSURANCE                                                                                                  |                |               |              |                |                                                                          |              | 0.000         |           |              |  |  |
| <b>SUB TOTAL FY11 OCO</b>                                                                                          |                |               |              |                |                                                                          |              | <b>19.498</b> |           |              |  |  |
|                                                                                                                    |                |               |              |                |                                                                          |              |               |           |              |  |  |
| <b>TOTAL</b>                                                                                                       | <b>140.480</b> |               |              | <b>101.572</b> |                                                                          |              | <b>80.578</b> |           |              |  |  |
| <b>ACTIVE</b>                                                                                                      |                |               |              |                |                                                                          |              |               |           |              |  |  |
| <b>RESERVES</b>                                                                                                    | <b>0.000</b>   |               |              | <b>0.000</b>   |                                                                          |              | <b>0.000</b>  |           |              |  |  |

| Exhibit P-5a, Procurement History and Planning                |             |       |                      |                                           | Weapon System |                                   |        | Date:         |           |           |
|---------------------------------------------------------------|-------------|-------|----------------------|-------------------------------------------|---------------|-----------------------------------|--------|---------------|-----------|-----------|
|                                                               |             |       |                      |                                           |               |                                   |        | FEBRUARY 2010 |           |           |
| Appropriation Code/Budget Activity/Serial Number:             |             |       |                      | P-1 Line Item Nomenclature:               |               |                                   |        |               |           |           |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |             |       |                      | (100000) SMALL ARMS AMMUNITION, ALL TYPES |               |                                   |        |               |           |           |
|                                                               |             |       |                      | RFP                                       | Contract      |                                   |        | Date of       | Tech Data | Date      |
|                                                               |             | Unit  |                      | Issue                                     | Method        |                                   | Award  | First         | Available | Revisions |
| WBS COST ELEMENTS                                             | Qty         | Cost  | Location of PCO      | Date                                      | and Type      | Contractor and Location           | Date   | Delivery      | Now?      | Available |
| A059, CTG, 5.56MM BALL                                        |             |       |                      |                                           |               |                                   |        |               |           |           |
| LOAD, ASSEMBLE & PACK (LAP)                                   |             |       |                      |                                           |               |                                   |        |               |           |           |
| PY with undelivered assets                                    | 69,000,000  |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 Base                                                  | 121,693,323 | 0.25  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | MAR 10        | YES       |           |
| FY 2009 OCO                                                   | 46,592,479  | 0.25  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | MAR 10        | YES       |           |
| FY 2010 Base                                                  | 175,879,317 | 0.32  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
| FY 2010 OCO                                                   | 7,788,263   | 0.32  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
| FY 2011 Base                                                  | 115,785,419 | 0.37  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11 | OCT 11        | YES       |           |
| FY 2011 OCO                                                   | 9,860,932   | 0.37  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11 | OCT 11        | YES       |           |
| BOX METAL M2A1(EA)                                            |             |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 Base                                                  | 29,632      | 8.74  | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/FP          | BEST FOAM FAB, CHICAGO, IL        | JUL 09 | FEB 10        | YES       |           |
| FY 2009 Base                                                  | 118,527     | 8.74  | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/FP          | BWAY CORPORATION, ATLANTA, GA     | JUL 09 | FEB 10        | YES       |           |
| FY 2009 OCO                                                   | 11,093      | 8.74  | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/FP          | BEST FOAM FAB, CHICAGO, IL        | JUL 09 | FEB 10        | YES       |           |
| FY 2009 OCO                                                   | 44,374      | 8.74  | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/FP          | BWAY CORPORATION, ATLANTA, GA     | JUL 09 | FEB 10        | YES       |           |
| FY 2010 Base                                                  | 42,593      | 11.10 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BEST FOAM FAB, CHICAGO, IL        | MAR 10 | SEP 10        | YES       |           |
| FY 2010 Base                                                  | 170,373     | 11.10 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BWAY CORPORATION, ATLANTA, GA     | MAR 10 | SEP 10        | YES       |           |
| FY 2010 OCO                                                   | 1,854       | 11.10 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BEST FOAM FAB, CHICAGO, IL        | MAR 10 | SEP 10        | YES       |           |
| FY 2010 OCO                                                   | 7,418       | 11.10 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BWAY CORPORATION, ATLANTA, GA     | MAR 10 | SEP 10        | YES       |           |
| FY 2011 Base                                                  | 28,059      | 12.25 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BEST FOAM FAB, CHICAGO, IL        | MAR 11 | SEP 11        | YES       |           |
| FY 2011 Base                                                  | 112,235     | 12.25 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BWAY CORPORATION, ATLANTA, GA     | MAR 11 | SEP 11        | YES       |           |
| FY 2011 OCO                                                   | 2,348       | 12.25 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BEST FOAM FAB, CHICAGO, IL        | MAR 11 | SEP 11        | YES       |           |
| FY 2011 OCO                                                   | 9,391       | 12.25 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BWAY CORPORATION, ATLANTA, GA     | MAR 11 | SEP 11        | YES       |           |
|                                                               |             |       |                      |                                           |               |                                   |        |               |           |           |
| A062, CTG, 5.56MM BALL LINKED                                 |             |       |                      |                                           |               |                                   |        |               |           |           |
| COMPLETE ROUND                                                |             |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 Base                                                  | 3,358,148   | 0.31  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | JUL 09        | YES       |           |
| FY 2010 Base                                                  | 148,290     | 0.91  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
|                                                               |             |       |                      |                                           |               |                                   |        |               |           |           |
| A063, CTG, 5.56MM TRACER                                      |             |       |                      |                                           |               |                                   |        |               |           |           |
| COMPLETE ROUND                                                |             |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 OCO                                                   | 2,346,876   | 0.41  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | SEP 09 | JAN 10        | YES       |           |
| BOX METAL M2A1(EA)                                            |             |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 OCO                                                   | 578         | 8.41  | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/FP          | BEST FOAM FAB, CHICAGO, IL        | SEP 09 | DEC 09        | YES       |           |
| FY 2009 OCO                                                   | 2,309       | 8.41  | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/FP          | BWAY CORPORATION, ATLANTA, GA     | SEP 09 | DEC 09        | YES       |           |
|                                                               |             |       |                      |                                           |               |                                   |        |               |           |           |
| A064, CTG, 5.56MM 4 & 1 LINKED                                |             |       |                      |                                           |               |                                   |        |               |           |           |
| COMPLETE ROUND                                                |             |       |                      |                                           |               |                                   |        |               |           |           |
| PY with undelivered assets                                    | 6,070,000   |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 Base                                                  | 47,277,372  | 0.34  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | DEC 09        | YES       |           |
| FY 2009 OCO                                                   | 6,113,662   | 0.34  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | DEC 09        | YES       |           |
|                                                               |             |       |                      |                                           |               |                                   |        |               |           |           |

| Exhibit P-5a, Procurement History and Planning                |            |       |                      |                                           | Weapon System |                                   |        | Date:         |           |           |
|---------------------------------------------------------------|------------|-------|----------------------|-------------------------------------------|---------------|-----------------------------------|--------|---------------|-----------|-----------|
| Continued                                                     |            |       |                      |                                           |               |                                   |        | FEBRUARY 2010 |           |           |
| Appropriation Code/Budget Activity/Serial Number:             |            |       |                      | P-1 Line Item Nomenclature:               |               |                                   |        |               |           |           |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |       |                      | (100000) SMALL ARMS AMMUNITION, ALL TYPES |               |                                   |        |               |           |           |
| WBS COST ELEMENTS                                             |            |       |                      | RFP                                       | Contract      |                                   |        | Date of       | Tech Data | Date      |
|                                                               |            | Unit  |                      | Issue                                     | Method        |                                   | Award  | First         | Available | Revisions |
|                                                               | Qty        | Cost  | Location of PCO      | Date                                      | and Type      | Contractor and Location           | Date   | Delivery      | Now?      | Available |
| FY 2010 Base                                                  | 3,436,966  | 0.87  | JMC, ROCK ISLAND, IL | OCT 04                                    | REQN/FP       | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
| FY 2010 OCO                                                   | 2,627,147  | 0.87  | JMC, ROCK ISLAND, IL | OCT 04                                    | REQN/FP       | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
| FY 2011 Base                                                  | 5,237,874  | 0.54  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11 | OCT 11        | YES       |           |
| FY 2011 OCO                                                   | 8,362,037  | 0.54  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11 | OCT 11        | YES       |           |
|                                                               |            |       |                      |                                           |               |                                   |        |               |           |           |
| A075, CTG, 5.56MM BLANK LINKED                                |            |       |                      |                                           |               |                                   |        |               |           |           |
| COMPLETE ROUND                                                |            |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 Base                                                  | 4,585,939  | 0.28  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | OCT 09        | YES       |           |
| FY 2009 OCO                                                   | 7,173,601  | 0.28  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | OCT 09        | YES       |           |
| FY 2010 Base                                                  | 1,344,962  | 0.96  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
| FY 2010 OCO                                                   | 1,097,233  | 0.96  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
| FY 2011 Base                                                  | 2,488,894  | 0.43  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11 | OCT 11        | YES       |           |
|                                                               |            |       |                      |                                           |               |                                   |        |               |           |           |
| A080, CTG, 5.56MM BLANK                                       |            |       |                      |                                           |               |                                   |        |               |           |           |
| LOAD, ASSEMBLE & PACK (LAP)                                   |            |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 Base                                                  | 6,938,692  | 0.19  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | OCT 09        | YES       |           |
| FY 2010 Base                                                  | 7,379,990  | 0.18  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
| FY 2011 Base                                                  | 3,062,120  | 0.30  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11 | OCT 11        | YES       |           |
| BOX METAL M2A1(EA)                                            |            |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 Base                                                  | 6,176      | 8.96  | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/FP          | BWAY CORPORATION, ATLANTA, GA     | JUL 09 | SEP 09        | YES       |           |
| FY 2010 Base                                                  | 1,314      | 11.10 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BEST FOAM FAB, CHICAGO, IL        | MAR 10 | SEP 10        | YES       |           |
| FY 2010 Base                                                  | 5,255      | 11.10 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BWAY CORPORATION, ATLANTA, GA     | MAR 10 | SEP 10        | YES       |           |
| FY 2011 Base                                                  | 546        | 12.25 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BEST FOAM FAB, CHICAGO, IL        | MAR 11 | SEP 11        | YES       |           |
| FY 2011 Base                                                  | 2,180      | 12.25 | JMC, ROCK ISLAND, IL | UNKNOWN                                   | C/OP          | BWAY CORPORATION, ATLANTA, GA     | MAR 11 | SEP 11        | YES       |           |
|                                                               |            |       |                      |                                           |               |                                   |        |               |           |           |
| A111, CTG, 7.62MM BLANK LINKED                                |            |       |                      |                                           |               |                                   |        |               |           |           |
| COMPLETE ROUND                                                |            |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 Base                                                  | 19,624,091 | 0.50  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | MAR 10        | YES       |           |
|                                                               |            |       |                      |                                           |               |                                   |        |               |           |           |
| A131, CTG, 7.62MM 4 & 1 LINKED                                |            |       |                      |                                           |               |                                   |        |               |           |           |
| COMPLETE ROUND                                                |            |       |                      |                                           |               |                                   |        |               |           |           |
| PY with undelivered assets                                    | 44,700,000 |       |                      |                                           |               |                                   |        |               |           |           |
| FY 2009 Base                                                  | 28,227,130 | 0.62  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | JUL 10        | YES       |           |
| FY 2009 OCO                                                   | 8,320,647  | 0.62  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09 | JUL 10        | YES       |           |
| FY 2010 Base                                                  | 6,127,415  | 0.75  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
| FY 2010 OCO                                                   | 3,560,248  | 0.75  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10 | OCT 10        | YES       |           |
| FY 2011 Base                                                  | 4,502,674  | 0.88  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11 | OCT 11        | YES       |           |
| FY 2011 OCO                                                   | 3,258,036  | 0.88  | JMC, ROCK ISLAND, IL | OCT 04                                    | SS/FP         | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11 | OCT 11        | YES       |           |
|                                                               |            |       |                      |                                           |               |                                   |        |               |           |           |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |            |           |                      |                                                                          | Weapon System            |                                   | Date:<br>FEBRUARY 2010 |                        |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|------------|-----------|----------------------|--------------------------------------------------------------------------|--------------------------|-----------------------------------|------------------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |           |                      | P-1 Line Item Nomenclature:<br>(100000) SMALL ARMS AMMUNITION, ALL TYPES |                          |                                   |                        |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty        | Unit Cost | Location of PCO      | RFP Issue Date                                                           | Contract Method and Type | Contractor and Location           | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| A143, CTG, 7.62MM BALL LINKED COMPLETE ROUND                                                                       |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| PY with undelivered assets                                                                                         | 7,210,000  |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| FY 2009 Base                                                                                                       | 1,648,351  | 0.59      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09                 | AUG 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 4,973,632  | 0.59      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09                 | AUG 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 4,392,923  | 0.84      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10                 | OCT 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 926,092    | 0.84      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10                 | OCT 10                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 723,284    | 0.84      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11                 | OCT 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 1,101,127  | 0.84      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11                 | OCT 11                 | YES                      |                          |
|                                                                                                                    |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| A363, CTG, 9MM BALL LOAD, ASSEMBLE & PACK (LAP)                                                                    |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| FY 2009 Base                                                                                                       | 8,119,183  | 0.14      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/OP                    | OLIN CORP, EAST ALTON, IL         | MAR 09                 | FEB 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 6,540,222  | 0.14      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/OP                    | OLIN CORP, EAST ALTON, IL         | MAR 09                 | FEB 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 22,445,319 | 0.14      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/OP                    | OLIN CORP, EAST ALTON, IL         | JAN 10                 | JUL 10                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 2,465,075  | 0.15      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | C/FP                     | OLIN CORP, EAST ALTON, IL         | JAN 11                 | JUL 11                 | YES                      |                          |
| BOX METAL M2A1(EA)                                                                                                 |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| FY 2009 Base                                                                                                       | 2,323      | 8.32      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BEST FOAM FAB, CHICAGO, IL        | JUL 09                 | JAN 10                 | YES                      |                          |
| FY 2009 Base                                                                                                       | 9,294      | 8.32      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BWAY CORPORATION, ATLANTA, GA     | JUL 09                 | JAN 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 638        | 8.32      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BEST FOAM FAB, CHICAGO, IL        | JUL 09                 | JAN 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 2,551      | 8.32      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BWAY CORPORATION, ATLANTA, GA     | JUL 09                 | JAN 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 4,534      | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL        | MAR 10                 | JUN 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 18,136     | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA     | MAR 10                 | JUN 10                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 498        | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL        | MAR 11                 | JUN 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 1992       | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA     | MAR 11                 | JUN 11                 | YES                      |                          |
|                                                                                                                    |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| A475, CTG, CAL .45 BALL LOAD, ASSEMBLE & PACK (LAP)                                                                |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 4,818,863  | 0.41      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP_, INDEPENDENCE, MO | JAN 09                 | FEB 10                 | YES                      |                          |
| BOX METAL M2A1 (EA)                                                                                                |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 4,868      | 8.52      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BEST FOAM FAB, CHICAGO, IL        | JUL 09                 | JAN 10                 | YES                      |                          |
|                                                                                                                    |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| A483, CTG, CAL .45 BALL MATCH COMPLETE ROUND                                                                       |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| FY 2009 Base                                                                                                       | 426,940    | 0.41      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 09                 | JUN 10                 | YES                      |                          |
| BOX METAL M2A1(EA)                                                                                                 |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |
| FY 2009 Base                                                                                                       | 86         | 8.52      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BEST FOAM FAB, CHICAGO, IL        | JUL 09                 | MAY 10                 | YES                      |                          |
| FY 2009 Base                                                                                                       | 346        | 8.52      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BWAY CORPORATION, ATLANTA, GA     | JUL 09                 | MAY 10                 | YES                      |                          |
|                                                                                                                    |            |           |                      |                                                                          |                          |                                   |                        |                        |                          |                          |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |           |           |                      |                                                                          | Weapon System            |                                       |            | Date:<br>FEBRUARY 2010 |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|-----------|-----------|----------------------|--------------------------------------------------------------------------|--------------------------|---------------------------------------|------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |           |           |                      | P-1 Line Item Nomenclature:<br>(100000) SMALL ARMS AMMUNITION, ALL TYPES |                          |                                       |            |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty       | Unit Cost | Location of PCO      | RFP Issue Date                                                           | Contract Method and Type | Contractor and Location               | Award Date | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| A555, CTG, CAL .50 BALL LINKED                                                                                     |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| FY 2009 Base                                                                                                       | 371,747   | 2.45      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO     | MAR 09     | OCT 09                 | YES                      |                          |
| BOX METAL M2A1(EA)                                                                                                 |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| FY 2009 Base                                                                                                       | 4,994     | 8.41      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BWAY CORPORATION, ATLANTA, GA         | JUL 09     | SEP 09                 | YES                      |                          |
|                                                                                                                    |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| A576, CTG, CAL .50 4 & 1 LINKED                                                                                    |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| PY with undelivered assets                                                                                         | 9,600,000 |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| FY 2009 Base                                                                                                       | 7,819,517 | 2.55      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO     | MAR 09     | MAY 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 1,985,471 | 3.19      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | GENERAL DYNAMICS ORD & TAC SYS INC. S | JAN 10     | FEB 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 1,497,026 | 3.19      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | GENERAL DYNAMICS ORD & TAC SYS INC. S | JAN 10     | FEB 11                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 1,749,432 | 3.19      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO     | JAN 11     | OCT 11                 | YES                      |                          |
| BOX METAL M2A1(EA)                                                                                                 |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| FY 2009 Base                                                                                                       | 15,796    | 8.41      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BEST FOAM FAB, CHICAGO, IL            | JUL 09     | SEP 09                 | YES                      |                          |
| FY 2009 Base                                                                                                       | 63,182    | 8.41      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BWAY CORPORATION, ATLANTA, GA         | JUL 09     | SEP 09                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 4,041     | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL            | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 16,163    | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA         | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 2,994     | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL            | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 11,976    | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA         | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 3,569     | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL            | MAR 11     | SEP 11                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 14,276    | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA         | MAR 11     | SEP 11                 | YES                      |                          |
|                                                                                                                    |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| A598, CTG, CAL .50 BLANK LINKED                                                                                    |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| FY 2010 Base                                                                                                       | 79,328    | 1.08      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO     | JAN 10     | OCT 10                 | YES                      |                          |
| BOX METAL M2A1(EA)                                                                                                 |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| FY 2010 Base                                                                                                       | 160       | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL            | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 642       | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA         | MAR 10     | SEP 10                 | YES                      |                          |
|                                                                                                                    |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| A606, CTG, CAL .50 API SNIPER R                                                                                    |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| PY with undelivered assets                                                                                         | 1,500,000 |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 382,627   | 9.84      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO     | MAR 09     | SEP 11                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 18,086    | 10.75     | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO     | JAN 10     | OCT 10                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 14,975    | 13.02     | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO     | JAN 11     | OCT 11                 | YES                      |                          |
| BOX METAL M2A1(EA)                                                                                                 |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 643       | 10.05     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BEST FOAM FAB, CHICAGO, IL            | JUL 09     | SEP 09                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 2,572     | 10.05     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BWAY CORPORATION, ATLANTA, GA         | JUL 09     | SEP 09                 | YES                      |                          |
|                                                                                                                    |           |           |                      |                                                                          |                          |                                       |            |                        |                          |                          |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |            |           |                      |                                                                          | Weapon System            |                                   |            | Date:<br>FEBRUARY 2010 |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|------------|-----------|----------------------|--------------------------------------------------------------------------|--------------------------|-----------------------------------|------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |           |                      | P-1 Line Item Nomenclature:<br>(100000) SMALL ARMS AMMUNITION, ALL TYPES |                          |                                   |            |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty        | Unit Cost | Location of PCO      | RFP Issue Date                                                           | Contract Method and Type | Contractor and Location           | Award Date | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| FY 2010 Base                                                                                                       | 30         | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL        | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 122        | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA     | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 25         | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL        | MAR 11     | SEP 11                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 101        | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA     | MAR 11     | SEP 11                 | YES                      |                          |
|                                                                                                                    |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| AA02, CTG, 5.56MM 4 AP M995: 1TRACER M8 LOAD, ASSEMBLE & PACK (LAP)                                                |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| FY 2011 OCO                                                                                                        | 1,962,135  | 0.31      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 11     | JAN 12                 | YES                      |                          |
| CTG 5.56MM M995 COMMERCIAL PACK                                                                                    |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| FY 2011 OCO                                                                                                        | 1,569,708  | 1.53      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | UNKNOWN                           | MAR 11     | DEC 11                 | YES                      |                          |
|                                                                                                                    |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| AA03, CTG, 7.62MM M993 ARMOR PIERCING (M993 7.62MM AP PENETRATOR) LOAD, ASSEMBLE & PACK (LAP)                      |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| FY 2011 OCO                                                                                                        | 759,758    | 0.20      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 11     | JAN 12                 | YES                      |                          |
| M993 7.62MM AP PENETRATOR                                                                                          |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| FY 2011 OCO                                                                                                        | 759,758    | 2.30      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | UNKNOWN                           | NOV 10     | SEP 11                 | YES                      |                          |
|                                                                                                                    |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| AA04, CTG, 7.62MM 4 AP M995 TO 1 TRACER M993 7.62MM AP PENETRATOR) LOAD, ASSEMBLE & PACK (LAP)                     |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| FY 2011 OCO                                                                                                        | 447,896    | 0.43      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 11     | JAN 12                 | YES                      |                          |
| M993 7.62MM AP PENETRATOR                                                                                          |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| FY 2011 OCO                                                                                                        | 358,317    | 2.30      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | UNKNOWN                           | NOV 10     | SEP 11                 | YES                      |                          |
|                                                                                                                    |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| AA11, CTG, 7.62MM BALL LONG RANGE M2A1(EA) PY with undelivered assets                                              | 10,120,000 |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| FY 2009 Base                                                                                                       | 2,784,213  | 0.75      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | MAR 09     | DEC 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 227,522    | 0.83      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10     | SEP 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 2,119,039  | 0.83      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 10     | SEP 11                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 226,281    | 1.06      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11     | DEC 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 663,469    | 1.06      | JMC, ROCK ISLAND, IL | OCT 04                                                                   | SS/FP                    | ALLIANT (LCAAP), INDEPENDENCE, MO | JAN 11     | DEC 11                 | YES                      |                          |
| BOX METAL M2A1(EA)                                                                                                 |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |
| FY 2009 Base                                                                                                       | 6,126      | 8.41      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/FP                     | BWAY CORPORATION, ATLANTA, GA     | JUL 09     | SEP 09                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 111        | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL        | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 445        | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA     | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 922        | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL        | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 3,685      | 11.10     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA     | MAR 10     | SEP 10                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 103        | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL        | MAR 11     | SEP 11                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 413        | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA     | MAR 11     | SEP 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 288        | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BEST FOAM FAB, CHICAGO, IL        | MAR 11     | SEP 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 1,154      | 12.25     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                  | C/OP                     | BWAY CORPORATION, ATLANTA, GA     | MAR 11     | SEP 11                 | YES                      |                          |
|                                                                                                                    |            |           |                      |                                                                          |                          |                                   |            |                        |                          |                          |

**Exhibit P-5a, Procurement History and Planning**  
Continued

|               |
|---------------|
| Weapon System |
|---------------|

|       |               |
|-------|---------------|
| Date: | FEBRUARY 2010 |
|-------|---------------|

Appropriation Code/Budget Activity/Serial Number:  
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition

|                                           |
|-------------------------------------------|
| P-1 Line Item Nomenclature:               |
| (100000) SMALL ARMS AMMUNITION, ALL TYPES |

[illegible]



Date:  
FEBRUARY 2010

|        |        |
|--------|--------|
| Weapon | System |
|--------|--------|

|                                        |
|----------------------------------------|
| P-1 Line Item Nomenclature:            |
| (100000) DODIC: A059, CTG, 5.56MM BALL |

[illegible][illegible][illegible]

REMARKS:

|                                   |                        |
|-----------------------------------|------------------------|
| Exhibit P-21, Production Schedule | Date:<br>FEBRUARY 2010 |
|-----------------------------------|------------------------|

|                                                               |        |                                                |
|---------------------------------------------------------------|--------|------------------------------------------------|
| Appropriation Code/Budget Activity/Serial Number:             | Weapon | P-1 Line Item Nomenclature:                    |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition | System | (100000) DODIC: A064, CTG, 5.56MM 4 & 1 LINKED |

[illegible][illegible][illegible]

|          |
|----------|
| REMARKS: |
|----------|



|                                   |                        |
|-----------------------------------|------------------------|
| Exhibit P-21, Production Schedule | Date:<br>FEBRUARY 2010 |
|-----------------------------------|------------------------|

|                                                               |        |                                                 |
|---------------------------------------------------------------|--------|-------------------------------------------------|
| Appropriation Code/Budget Activity/Serial Number:             | Weapon | P-1 Line Item Nomenclature:                     |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition | System | (100000) DODIC: A576, CTG, CAL .50 4 & 1 LINKED |

[illegible][illegible][illegible]

|           |  |
|-----------|--|
| REMARKS : |  |
|-----------|--|

|                                                                                                                    |            |         |         |                                                              |                |                  |         |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------------------------------------|----------------|------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                     |            |         |         |                                                              |                |                  |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |         | P-1 Item Nomenclature:<br>(103000) LINEAR CHARGES, ALL TYPES |                |                  |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                  |            |         |         | Other Related Program Elements                               |                |                  |         |                        |         |         |                |                  |
|                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                                              | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                           |            |         |         |                                                              |                |                  |         |                        |         |         |                |                  |
| Gross Cost                                                                                                         | A          | 18.951  | 29.391  | 15.329                                                       | 4.677          | 20.006           | 21.521  | 28.176                 | 27.783  | 28.379  |                | 174.207          |
|                                                                                                                    |            |         |         |                                                              |                |                  |         |                        |         |         |                |                  |
| Reserves                                                                                                           | A          | 0.000   | 0.000   | 0.000                                                        | 0.000          | 0.000            | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |

**Base Appropriation Request:**

The Rocket Motor, 5-inch MK22 Mod 4 (DODIC J143) is a solid-fuel motor used for towing M58, M59, M68A2, and M69 Linear Demolition Charges (LDCs) into the air over obstacles or minefields for breaching, training, or test applications. The rocket motor is approximately 77 inches long, 5 inches in diameter, weighs 128 pounds, and contains 42 pounds of N-5 double-base propellant.

The Charge, Demolition High Explosive Linear M58A4 (DODIC M913) is a trailer-mounted and rocket-towed linear demolition charge designed to provide a clear path for combat vehicles during minefield and barrier breaching operations. The demolition section consists primarily of a 3/4-inch nylon core rope, 700 composition C4 demolition blocks, and two strands of pentaerythritol tetranitrate (PETN) detonating cord. The total explosive weight of the demolition blocks is 1,750 pounds.

The Charge, Demolition Inert Linear M68A2 (DODIC M914) is a trailer-mounted and rocket-towed inert linear demolition charge designed to simulate the launch and deployment characteristics of the M58A4 linear demolition charge for the purpose of training.

The MK7 MOD 2 mine clearing system, Anti-Personnel Obstacle Breaching System (APOBS) (DODIC MN79) consists of a line charge assembly and a fuze/rocket motor assembly. This item is a lightweight, self-contained, one-shot expendable system that is transported and deployed by a two-man team. APOBS uses the MK126 MOD1 rocket motor to propel a line charge over the obstacle. It is employed in combat operations to breach a lane through wire and anti-personnel mine obstacles.

**FY11 Overseas Contingency Operations Request (OCO):**

DODIC J143, \$0.530. Lack of funding to replace combat expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) stockpile and negatively affect our ability to execute another MCO, if required.

DODIC MN79, \$4.147. Lack of funding to replace training expenditures will further erode the USMC's WRMR and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

Date:  
FEBRUARY 2010

P-1 Item Nomenclature:  
(103000) LINEAR CHARGES, ALL TYPES

|                            | ID Code | FY 2009 | FY 2010 | Base FY 2011 | OCO FY 2011 | Total FY 2011 |  |  |  |  |
|----------------------------|---------|---------|---------|--------------|-------------|---------------|--|--|--|--|
| J143, ROCKET MOTOR, 5 INCH | A       | 0.000   | 0.550   | 0.550        | 0.530       | 1.080         |  |  |  |  |
| QTY                        |         | 0       | 61      | 61           | 59          | 120           |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
|                            |         |         |         |              |             |               |  |  |  |  |
| TOTAL                      |         | 0.000   | 0.550   | 0.550        | 0.530       | 1.080         |  |  |  |  |
| ACTIVE                     |         | 0.000   | 0.550   | 0.550        | 0.530       | 1.080         |  |  |  |  |
| RESERVE                    |         | 0.000   | 0.000   | 0.000        | 0.000       | 0.000         |  |  |  |  |

| Exhibit P-5, Cost Analysis                                    |            |            | Weapon System |            |                                    | Date:<br>FEBRUARY 2010 |            |            |           |  |  |  |
|---------------------------------------------------------------|------------|------------|---------------|------------|------------------------------------|------------------------|------------|------------|-----------|--|--|--|
| Appropriation Code/Budget Activity/Serial Number:             |            |            |               | ID Code:   | P-1 Line Item Nomenclature:        |                        |            |            |           |  |  |  |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |            |               | A          | (103000) LINEAR CHARGES, ALL TYPES |                        |            |            |           |  |  |  |
| WBS COST ELEMENTS                                             | FY09       |            |               | FY10       |                                    |                        | FY11       |            |           |  |  |  |
|                                                               | Total Cost | Qty        | Unit Cost     | Total Cost | Qty                                | Unit Cost              | Total Cost | Qty        | Unit Cost |  |  |  |
| BASELINE                                                      |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| HARDWARE                                                      |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| M913, CHARGE, DEMO LINEAR HE                                  |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   | 3.870      | 219.00     | 17,670.30     | 2.463      | 145.00                             | 16,988.84              | 2.139      | 119.00     | 17,973.39 |  |  |  |
| * COMP C-4 CLASS 3 (LB)                                       | 4.527      | 250,000.00 | 18.11         |            |                                    |                        |            |            |           |  |  |  |
| COMP C-4 CLASS 3 (LB)                                         | 3.015      | 155,558.00 | 19.38         | 5.204      | 268,520.00                         | 19.38                  | 4.705      | 220,372.00 | 21.35     |  |  |  |
| FUZE ELECTRIC M1134A4(EA)                                     | 0.275      | 219.00     | 1,256.93      | 0.182      | 145.00                             | 1,256.93               | 0.150      | 119.00     | 1,256.93  |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| M914, CHARGE, DEMO, INERT, LINEAR                             |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| COMPLETE ROUND                                                |            |            |               | 0.430      | 16.00                              | 26,877.42              | 0.233      | 5.00       | 46,539.00 |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| MN79, APERS OBSTACLE BREACHING SYS                            |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   | 6.629      | 517.00     | 12,826.00     | 20.514     | 1,599.00                           | 12,826.00              | 7.175      | 550.00     | 13,045.69 |  |  |  |
| Subtotal Baseline                                             | 18.316     |            |               | 28.793     |                                    |                        | 14.402     |            |           |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| FY11 OCO                                                      |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| MN79, APERS OBSTACLE BREACHING SYS                            |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   |            |            |               |            |                                    |                        | 3.914      | 300.00     | 13,045.69 |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| PRODUCT                                                       |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| PRODUCT ENGINEERING                                           |            |            |               |            |                                    |                        | 0.233      |            |           |  |  |  |
| Subtotal FY11 OCO                                             |            |            |               |            |                                    |                        | 4.147      |            |           |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| PRODUCT                                                       |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| ACCEPTANCE TESTING                                            | 1.799      |            |               | 0.046      |                                    |                        | 0.270      |            |           |  |  |  |
| CONTAINER EFFORT                                              |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| INDUSTRIAL STOCK SUPPORT                                      |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| PRODUCT ENGINEERING                                           | 1.635      |            |               |            |                                    |                        |            |            |           |  |  |  |
| PRODUCTION ENGINEERING                                        | 0.500      |            |               | 0.180      |                                    |                        | 0.144      |            |           |  |  |  |
| QUALITY ASSURANCE                                             | 1.504      |            |               | 0.004      |                                    |                        | 0.113      |            |           |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| NONRECURRING                                                  |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| GOVERNMENT FURNISHED MATERIAL                                 | -4.803     |            |               | -0.182     |                                    |                        | -0.150     |            |           |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
|                                                               |            |            |               |            |                                    |                        |            |            |           |  |  |  |
| Total                                                         | 18.951     |            |               | 28.841     |                                    |                        | 18.926     |            |           |  |  |  |
| Active                                                        | 18.951     |            |               | 28.841     |                                    |                        | 18.926     |            |           |  |  |  |
| Reserve                                                       | 0.000      |            |               | 0.000      |                                    |                        | 0.000      |            |           |  |  |  |

| Exhibit P-5a, Procurement History and Planning                 |         |           |                      |                                    | Weapon System            |                                        | Date:<br>FEBRUARY 2010 |                        |                          |                          |
|----------------------------------------------------------------|---------|-----------|----------------------|------------------------------------|--------------------------|----------------------------------------|------------------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:              |         |           |                      | P-1 Line Item Nomenclature:        |                          |                                        |                        |                        |                          |                          |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition  |         |           |                      | (103000) LINEAR CHARGES, ALL TYPES |                          |                                        |                        |                        |                          |                          |
|                                                                | Qty     | Unit Cost | Location of PCO      | RFP Issue Date                     | Contract Method and Type | Contractor and Location                | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| WBS COST ELEMENTS                                              |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| M913, CHARGE, DEMO LINEAR HE LOAD, ASSEMBLE & PACK (LAP)       |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| FY 2009 Base                                                   | 90      | 17,670.30 | JMC, ROCK ISLAND, IL | DEC 04                             | C/FP                     | TO BE SELECTED                         | MAY 10                 | JAN 12                 |                          |                          |
| FY 2009 OCO                                                    | 129     | 17,670.30 | JMC, ROCK ISLAND, IL | DEC 04                             | C/FP                     | TO BE SELECTED                         | MAY 10                 | JAN 12                 |                          |                          |
| FY 2010 Base                                                   | 55      | 16,988.84 | JMC, ROCK ISLAND, IL | DEC 04                             | C/FP                     | TO BE SELECTED                         | MAY 10                 | JAN 12                 | YES                      |                          |
| FY 2010 OCO                                                    | 90      | 16,988.84 | JMC, ROCK ISLAND, IL | DEC 04                             | C/FP                     | TO BE SELECTED                         | MAY 10                 | JAN 12                 | YES                      |                          |
| FY 2011 Base                                                   | 119     | 17,973.39 | JMC, ROCK ISLAND, IL | DEC 04                             | C/OPTION                 | TO BE SELECTED                         | MAR 11                 | AUG 12                 | YES                      |                          |
|                                                                |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| COMP C-4 CLASS 3(LB)                                           |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| FY 2009 Base                                                   | 155,558 | 19.38     | JMC, ROCK ISLAND, IL | DEC 04                             | SS/FP                    | ORDNANCE SYS INC (HAAP) KINGSPORT, TN  | MAR 10                 | OCT 10                 |                          |                          |
| FY 2009 OCO                                                    | 250,000 | 18.11     | JMC, ROCK ISLAND, IL | DEC 04                             | N/A                      | STOCK ISSUE                            | N/A                    | N/A                    |                          |                          |
| FY 2010 Base                                                   | 92,550  | 19.38     | JMC, ROCK ISLAND, IL | DEC 04                             | SS/FP                    | ORDNANCE SYS INC (HAAP) KINGSPORT, TN  | MAR 10                 | OCT 10                 | YES                      |                          |
| FY 2010 OCO                                                    | 175,970 | 19.38     | JMC, ROCK ISLAND, IL | DEC 04                             | SS/FP                    | ORDNANCE SYS INC (HAAP) KINGSPORT, TN  | MAR 10                 | OCT 10                 | YES                      |                          |
| FY 2011 Base                                                   | 220,372 | 21.35     | JMC, ROCK ISLAND, IL | DEC 04                             | SS/FP                    | ORDNANCE SYS INC (HAAP) KINGSPORT, TN  | MAR 11                 | OCT 11                 | YES                      |                          |
|                                                                |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| FUZE ELECTRIC M1134A4(EA)                                      |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| FY 2009 Base                                                   | 90      | 1,256.93  | JMC, ROCK ISLAND, IL | DEC 04                             | N/A                      | STOCK ISSUE                            | N/A                    | N/A                    |                          |                          |
| FY 2009 OCO                                                    | 129     | 1,256.93  | JMC, ROCK ISLAND, IL | DEC 04                             | N/A                      | STOCK ISSUE                            | N/A                    | N/A                    |                          |                          |
| FY 2010 Base                                                   | 55      | 1,256.93  | JMC, ROCK ISLAND, IL | DEC 04                             | N/A                      | STOCK ISSUE                            | N/A                    | N/A                    | YES                      |                          |
| FY 2010 OCO                                                    | 90      | 1,256.93  | JMC, ROCK ISLAND, IL | DEC 04                             | N/A                      | STOCK ISSUE                            | N/A                    | N/A                    | YES                      |                          |
| FY 2011 Base                                                   | 119     | 1,256.93  | JMC, ROCK ISLAND, IL | DEC 04                             | N/A                      | STOCK ISSUE                            | N/A                    | N/A                    | YES                      |                          |
|                                                                |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| M914, CHARGE, DEMO, INERT, LINEAR                              |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| FY 2010 Base                                                   | 16      | 26,877.42 | JMC, ROCK ISLAND, IL | DEC 04                             | C/OPTION                 | AMERICAN ORDNANCE LLC (MAAP) MILAN, TN | MAR 10                 | JUN 11                 | YES                      |                          |
| FY 2011 Base                                                   | 5       | 46,539.00 | JMC, ROCK ISLAND, IL | DEC 04                             | C/OPTION                 | AMERICAN ORDNANCE LLC (MAAP) MILAN, TN | MAR 11                 | JUN 12                 | YES                      |                          |
|                                                                |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| MN79, APERS OBSTACLE BREACHING SYS LOAD, ASSEMBLE & PACK (LAP) |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
| FY 2009 Base                                                   | 300     | 12,826.00 | JMC, ROCK ISLAND, IL | AUG 99                             | C/FP                     | TO BE SELECTED                         | MAY 10                 | NOV 11                 | YES                      |                          |
| FY 2009 OCO                                                    | 217     | 12,826.00 | JMC, ROCK ISLAND, IL | AUG 99                             | C/FP                     | TO BE SELECTED                         | MAY 10                 | NOV 11                 | YES                      |                          |
| FY 2010 Base                                                   | 1,599   | 12,826.00 | JMC, ROCK ISLAND, IL | AUG 99                             | C/FP                     | TO BE SELECTED                         | MAY 10                 | NOV 12                 | YES                      |                          |
| FY 2011 Base                                                   | 550     | 13,045.69 | JMC, ROCK ISLAND, IL | AUG 99                             | C/OPTION                 | TO BE SELECTED                         | MAR 11                 | AUG 13                 | YES                      |                          |
| FY 2011 OCO                                                    | 300     | 13,045.69 | JMC, ROCK ISLAND, IL | AUG 99                             | C/OPTION                 | TO BE SELECTED                         | MAR 11                 | AUG 13                 | YES                      |                          |
|                                                                |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
|                                                                |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
|                                                                |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
|                                                                |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |
|                                                                |         |           |                      |                                    |                          |                                        |                        |                        |                          |                          |









|                                                                                                                    |         |         |         |                                                    |             |               |         |                        |         |         |             |               |
|--------------------------------------------------------------------------------------------------------------------|---------|---------|---------|----------------------------------------------------|-------------|---------------|---------|------------------------|---------|---------|-------------|---------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                     |         |         |         |                                                    |             |               |         | Date:<br>FEBRUARY 2010 |         |         |             |               |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |         |         | P-1 Item Nomenclature:<br>(105000) 40MM, ALL TYPES |             |               |         |                        |         |         |             |               |
| Program Element for Code B Items:                                                                                  |         |         |         | Other Related Program Elements                     |             |               |         |                        |         |         |             |               |
|                                                                                                                    | ID Code | FY 2009 | FY 2010 | Base FY 2011                                       | OCO FY 2011 | Total FY 2011 | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To Complete | Total Program |
| Proc Qty                                                                                                           |         |         |         |                                                    |             |               |         |                        |         |         |             |               |
| Gross Cost                                                                                                         | A       | 84.927  | 161.939 | 62.835                                             | 11.307      | 74.142        | 90.487  | 102.326                | 96.197  | 102.072 |             | 712.090       |
|                                                                                                                    |         |         |         |                                                    |             |               |         |                        |         |         |             |               |
| Reserves                                                                                                           | A       | 0.000   | 0.000   | 0.000                                              | 0.000       | 0.000         | 0.000   | 0.000                  | 0.000   | 0.000   |             | 0.000         |

**Base Appropriation Request:**

The Cartridge, 40mm, Green Star Parachute, M661 (DODIC B504) is designed for illumination and signaling with less weight and bulk and greater accuracy than comparable hand-held signals. This item is fired from 40mm M203 Grenade Launcher attached to the M16 series rifle.

The Cartridge, 40mm Red Star Parachute M662 (DODIC B505) is a fixed round consisting of a projectile assembly and a cartridge case assembly. This cartridge is fired from the M203 Grenade Launcher and is used for illumination and signaling.

The Cartridge, 40mm Red Smoke Ground Marker M713 (DODIC B506) is a fixed round of ammunition consisting of a projectile assembly and a cartridge case assembly. The projectile assembly contains a pyrotechnic smoke payload. This cartridge is fired from the M203 Grenade Launcher and is used to provide aerial identification and location of troops on the ground. Upon impact, the cartridge emits red colored smoke for approximately 25 seconds.

The Cartridge, 40mm Green Smoke Ground Marker M715 (DODIC B508) is a fixed round of ammunition consisting of a projectile assembly and a cartridge case assembly. The projectile assembly contains a pyrotechnic smoke payload. This cartridge is fired from the M203 Grenade Launcher and is used to provide aerial identification and location of troops on the ground. Upon impact, the cartridge emits green colored smoke for approximately 25 seconds.

The Cartridge, 40mm Yellow Smoke Ground Marker M716 (DODIC B509) is a fixed round of ammunition consisting of a projectile assembly and a cartridge case assembly. The projectile assembly contains a pyrotechnic smoke payload. This cartridge is fired from the M203 Grenade Launcher and is used to provide aerial identification and location of troops on the ground. Upon impact, the cartridge emits yellow colored smoke for approximately 25 seconds.

The Cartridge, 40mm Target Practice (TP) M781 (DODIC B519) is a fixed cartridge of ammunition consisting of a plastic ogive, metal body, and plastic cartridge case. The ogive houses a highly visible yellow-orange dye. The cartridge case is press-fitted with a .38 caliber blank cartridge containing the propellant. This cartridge is fired from the M203 Grenade Launcher and is used for training and contains no high explosive. Upon impact, the projectile ruptures and releases a puff of yellow-orange dye simulating explosive impact.

|                                                                                                                    |            |         |         |                                |                |                  |                                                    |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|----------------|------------------|----------------------------------------------------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>                                                          |            |         |         |                                |                |                  |                                                    | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |         |                                |                |                  | P-1 Item Nomenclature:<br>(105000) 40MM, ALL TYPES |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                  |            |         |         | Other Related Program Elements |                |                  |                                                    |                        |         |         |                |                  |
|                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012                                            | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                           |            |         |         |                                |                |                  |                                                    |                        |         |         |                |                  |
| Gross Cost                                                                                                         | A          | 84.927  | 161.939 | 62.835                         | 11.307         | 74.142           | 90.487                                             | 102.326                | 96.197  | 102.072 |                | 712.090          |
|                                                                                                                    |            |         |         |                                |                |                  |                                                    |                        |         |         |                |                  |
| Reserves                                                                                                           | A          | 0.000   | 0.000   | 0.000                          | 0.000          | 0.000            | 0.000                                              | 0.000                  | 0.000   | 0.000   |                | 0.000            |

**Base Appropriation Request:**  
The Cartridge, 40mm White Star Parachute M583/M583A1 (DODIC B535) is a fixed cartridge of ammunition consisting of a projectile assembly and a cartridge case assembly. This cartridge is fired from the M203 Grenade Launcher and is used for illumination and signaling.

The Cartridge, 40mm High-Explosive Dual-Purpose (HEDP) M430/M430A1 Linked (DODIC B542) is a fixed cartridge of ammunition consisting of an ogive, projectile body, and cartridge case. This cartridge is fired from the MK19 Mod 3 Grenade Machine Gun and is a high explosive, dual-purpose cartridge. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.

The Cartridge, 40mm HEDP M433 (DODIC B546) is a fixed round of ammunition consisting of an ogive, projectile body, and cartridge case. This cartridge is fired from the M203 Grenade Launcher and is a high explosive, dual-purpose round. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.

The Cartridge, 40mm Target Practice (TP), Linked M281 MD 0 M385A1 (DODIC BA12) is a fixed cartridge consisting of a projectile body, and cartridge case. This cartridge is fired from the MK19 Mod 3 Grenade Machine Gun and is designed for practice or weapon proof testing. The cartridge is procured as a replacement for the M385 (DODIC B576) and the M918 (DODIC B584).

The Cartridge, 40mm TP Day/Night M1110 (DODIC BA35) is a fixed cartridge of ammunition consisting of a plastic ogive, metal body, and plastic cartridge case. The ogive houses a highly visible yellow-orange dye and ampules of chemical that cause a visible light signature. The cartridge case is press-fitted with a .38 caliber blank cartridge containing the propellant. This cartridge is fired from the M203 Grenade Launcher and is used for training and contains no high explosive. Upon impact, the projectile ruptures and releases a puff of yellow-orange dye simulating explosive impact and the visible light display.

**FY11 Overseas Contingency Operations Request (OCO):**  
DODIC B542, \$3.579. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

DODIC B546, \$5.541. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.

DODIC BA35, \$2.187. Lack of funding to replace training expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.

|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|------------|-----------|---------------|---------------|---------------------------------------------------------|------------------------|------------|---------|-----------|--|--|--|--|
| Exhibit P-5, Cost Analysis                                                                                         |            |           | Weapon System |               |                                                         | Date:<br>FEBRUARY 2010 |            |         |           |  |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |           |               | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(105000) 40MM, ALL TYPES |                        |            |         |           |  |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09       |           |               | FY10          |                                                         |                        | FY11       |         |           |  |  |  |  |
|                                                                                                                    | Total Cost | Qty       | Unit Cost     | Total Cost    | Qty                                                     | Unit Cost              | Total Cost | Qty     | Unit Cost |  |  |  |  |
| BASELINE                                                                                                           |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| HARDWARE                                                                                                           |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| B504, CTG, 40MM GREEN STAR PARACHUTE                                                                               |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| CTG, 40MM, ILLUM GRN STAR PARA, M661                                                                               |            |           |               | 0.909         | 14,548                                                  | 62.45                  |            |         |           |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| B505, CTG, 40MM RED STAR PARACHUTE                                                                                 |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| CTG, 40MM RED STAR PARACHUTE M662                                                                                  |            |           |               | 1.641         | 26,278                                                  | 62.45                  |            |         |           |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| B506, CTG, 40MM RED SMOKE GROUND                                                                                   |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| LOAD, ASSEMBLE AND PACK                                                                                            |            |           |               | 0.871         | 15,295                                                  | 56.92                  |            |         |           |  |  |  |  |
| CASE CTG 40MM M118 LLD                                                                                             |            |           |               | 0.115         | 15,754                                                  | 7.27                   |            |         |           |  |  |  |  |
| NITROCELLULOSE WW GD D (LB)                                                                                        |            |           |               | 0.001         | 39                                                      | 5.21                   |            |         |           |  |  |  |  |
| DELAT ASSY                                                                                                         |            |           |               | 0.092         | 16,060                                                  | 5.70                   |            |         |           |  |  |  |  |
| BOX METAL M2A1                                                                                                     |            |           |               | 0.004         | 348                                                     | 11.10                  |            |         |           |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| B508, CTG, 40MM GREEN SMOKE GROUND                                                                                 |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| LOAD, ASSEMBLE AND PACK                                                                                            |            |           |               |               |                                                         |                        | 2.654      | 19,038  | 139.39    |  |  |  |  |
| CASE CTG 40MM M118 LLD                                                                                             |            |           |               |               |                                                         |                        | 0.138      | 19,610  | 7.05      |  |  |  |  |
| NITROCELLULOSE WW GD D (LB)                                                                                        |            |           |               |               |                                                         |                        | 0.001      | 48      | 7.27      |  |  |  |  |
| DELAT ASSY                                                                                                         |            |           |               |               |                                                         |                        | 0.111      | 19,990  | 5.53      |  |  |  |  |
| BOX METAL M2A1                                                                                                     |            |           |               |               |                                                         |                        | 0.005      | 433     | 12.25     |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| B509, CTG, 40MM YELLOW SMOKE GROUND                                                                                |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| LOAD, ASSEMBLE AND PACK                                                                                            |            |           |               |               |                                                         |                        | 2.654      | 19,038  | 139.39    |  |  |  |  |
| CASE CTG 40MM M118 LLD                                                                                             |            |           |               |               |                                                         |                        | 0.138      | 19,610  | 7.05      |  |  |  |  |
| NITROCELLULOSE WW GD D (LB)                                                                                        |            |           |               |               |                                                         |                        | 0.001      | 48      | 7.27      |  |  |  |  |
| DELAT ASSY                                                                                                         |            |           |               |               |                                                         |                        | 0.111      | 19,990  | 5.53      |  |  |  |  |
| BOX METAL M2A1                                                                                                     |            |           |               |               |                                                         |                        | 0.005      | 433     | 12.25     |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| B519, CTG, 40MM PRACTICE                                                                                           |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| CTG 40MM PRACTICE M781                                                                                             | 9.171      | 2,444,924 | 3.75          | 17.270        | 3,151,395                                               | 5.48                   | 4.676      | 964,748 | 4.85      |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| B535, CTG, 40MM WHITE STAR PARACHUTE                                                                               |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| CTG 40MM WHITE STAR PARA M583                                                                                      | 2.771      | 61,815    | 44.82         | 4.569         | 91,153                                                  | 50.13                  | 3.353      | 61,288  | 54.71     |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |
| Subtotal                                                                                                           | 11.942     |           |               | 25.472        |                                                         |                        | 13.847     |         |           |  |  |  |  |
|                                                                                                                    |            |           |               |               |                                                         |                        |            |         |           |  |  |  |  |

| Exhibit P-5, Cost Analysis                                                                                         |            |           |           | Weapon System |                                                         |           | Date:<br>FEBRUARY 2010 |         |           |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|------------|-----------|-----------|---------------|---------------------------------------------------------|-----------|------------------------|---------|-----------|--|--|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |           |           | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(105000) 40MM, ALL TYPES |           |                        |         |           |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09       |           |           | FY10          |                                                         |           | FY11                   |         |           |  |  |  |
|                                                                                                                    | Total Cost | Qty       | Unit Cost | Total Cost    | Qty                                                     | Unit Cost | Total Cost             | Qty     | Unit Cost |  |  |  |
| B542, CTG, 40MM HEDP LINKED FOR MK19                                                                               |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| CTG, 40MM, HEDP, M430A1                                                                                            | 51.570     | 1,621,704 | 31.80     | 42.016        | 1,113,014                                               | 37.75     | 17.057                 | 451,417 | 37.78     |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| B546, CTG, 40MM HEDP FOR M79/M203                                                                                  |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| CTG 40MM HEDP M433                                                                                                 | 1.488      | 30,636    | 48.56     | 31.289        | 576,643                                                 | 54.26     | 12.899                 | 280,505 | 45.99     |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| BA12, CTG, 40MM PRACTICE                                                                                           |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| COMPLETE ROUND                                                                                                     | 14.847     | 482,202   | 30.79     | 60.374        | 2,193,822                                               | 27.52     | 13.124                 | 439,224 | 29.88     |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| BA35, CTG, 40MM PRACTICE DAY/NIGHT                                                                                 |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| CTG 40MM PRACT D/N M1110                                                                                           |            |           |           |               |                                                         |           | 2.850                  | 297,494 | 9.58      |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| PRODUCT                                                                                                            |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| PRODUCTION ENGINEERING                                                                                             | 4.842      |           |           | 2.616         |                                                         |           | 2.848                  |         |           |  |  |  |
| QUALITY ASSURANCE                                                                                                  | 0.238      |           |           | 0.172         |                                                         |           | 0.206                  |         |           |  |  |  |
| NONRECURRING                                                                                                       |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| BARRELS                                                                                                            | 0.000      |           |           | 0.000         |                                                         |           | 0.004                  |         |           |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| Subtotal Page 1                                                                                                    | 11.942     |           |           | 25.472        |                                                         |           | 13.847                 |         |           |  |  |  |
| Subtotal Baseline                                                                                                  | 84.927     |           |           | 161.939       |                                                         |           | 62.835                 |         |           |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| FY11 OCO                                                                                                           |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| B542, CTG, 40MM HEDP LINKED FOR MK19                                                                               |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| CTG, 40MM, HEDP, M430A1                                                                                            |            |           |           |               |                                                         |           | 3.394                  | 89,850  | 37.78     |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| B546, CTG, 40MM HEDP FOR M79/M203                                                                                  |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| CTG 40MM HEDP M433                                                                                                 |            |           |           |               |                                                         |           | 5.296                  | 115,185 | 45.99     |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| BA35, CTG, 40MM PRACTICE DAY/NIGHT                                                                                 |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| CTG 40MM PRACT D/N M1110                                                                                           |            |           |           |               |                                                         |           | 1.999                  | 208,768 | 9.58      |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| PRODUCTION ENGINEERING                                                                                             |            |           |           |               |                                                         |           | 0.429                  |         |           |  |  |  |
| QUALITY ASSURANCE                                                                                                  |            |           |           |               |                                                         |           | 0.186                  |         |           |  |  |  |
| NONRECURRING                                                                                                       |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| BARRELS                                                                                                            |            |           |           |               |                                                         |           | 0.003                  |         |           |  |  |  |
| Subtotal FY11 OCO                                                                                                  |            |           |           |               |                                                         |           | 11.307                 |         |           |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |
| TOTAL                                                                                                              | 84.927     |           |           | 161.939       |                                                         |           | 74.142                 |         |           |  |  |  |
| ACTIVE                                                                                                             | 84.927     |           |           | 161.939       |                                                         |           | 74.142                 |         |           |  |  |  |
| RESERVES                                                                                                           | 0.000      |           |           | 0.000         |                                                         |           | 0.000                  |         |           |  |  |  |
|                                                                                                                    |            |           |           |               |                                                         |           |                        |         |           |  |  |  |

| Exhibit P-5a, Procurement History and Planning                                                                     |        |           |                      |                | Weapon System                                           |                             | Date:<br>FEBRUARY 2010 |                        |                          |                          |  |
|--------------------------------------------------------------------------------------------------------------------|--------|-----------|----------------------|----------------|---------------------------------------------------------|-----------------------------|------------------------|------------------------|--------------------------|--------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |           |                      |                | P-1 Line Item Nomenclature:<br>(105000) 40MM, ALL TYPES |                             |                        |                        |                          |                          |  |
|                                                                                                                    | Qty    | Unit Cost | Location of PCO      | RFP Issue Date | Contract Method and Type                                | Contractor and Location     | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |  |
| B504, CTG, 40MM GREEN STAR PARACHUTE                                                                               |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| CTG 40MM ILLUM GRN STAR PARA, M661                                                                                 |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2010 Base                                                                                                       | 12,566 | 62.45     | JMC, ROCK ISLAND, IL | TBD            | C/FP                                                    | TBD                         | TBD                    | TBD                    | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 1,982  | 62.45     | JMC, ROCK ISLAND, IL | TBD            | TBD                                                     | TBD                         | TBD                    | TBD                    | YES                      |                          |  |
|                                                                                                                    |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| B505, CTG, 40MM RED STAR PARACHUTE                                                                                 |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| CTG 40MM ILLUM RED STAR PARA, M662                                                                                 |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2010 Base                                                                                                       | 24,812 | 62.45     | JMC, ROCK ISLAND, IL | TBD            | C/OTH                                                   | TBD                         | MAR 10                 | APR 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 1,466  | 62.45     | JMC, ROCK ISLAND, IL | TBD            | C/OTH                                                   | TBD                         | MAR 10                 | APR 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| B506, CTG, 40MM RED SMOKE GROUND                                                                                   |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| CTG, 40MM RED SMK GND                                                                                              |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| LOAD, ASSEMBLE AND PACK                                                                                            |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2010 Base                                                                                                       | 15,066 | 56.92     | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 10                 | APR 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 229    | 56.92     | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 10                 | APR 11                 | YES                      |                          |  |
| CASE CTG 40MM M118 LLD                                                                                             |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2010 Base                                                                                                       | 15,518 | 7.27      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 236    | 7.27      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 10                 | DEC 10                 | YES                      |                          |  |
| NITROCELLULOSE WW GD D (LB)                                                                                        |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2010 Base                                                                                                       | 38     | 5.21      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 1      | 5.21      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 10                 | DEC 10                 | YES                      |                          |  |
| DELAT ASSY                                                                                                         |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2010 Base                                                                                                       | 15,819 | 5.70      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 241    | 5.70      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 10                 | DEC 10                 | YES                      |                          |  |
| BOX METAL M2A1                                                                                                     |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2010 Base                                                                                                       | 69     | 11.10     | JMC, ROCK ISLAND, IL | UNK            | C/OP                                                    | BEST FOAM FAB, CHICAGO, ILL | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 274    | 11.10     | JMC, ROCK ISLAND, IL | UNK            | C/OP                                                    | BWAY CORP, ATLANTA, GA      | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 1      | 11.10     | JMC, ROCK ISLAND, IL | UNK            | C/OP                                                    | BEST FOAM FAB, CHICAGO, ILL | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 4      | 11.10     | JMC, ROCK ISLAND, IL | UNK            | C/OP                                                    | BWAY CORP, ATLANTA, GA      | MAR 10                 | DEC 10                 | YES                      |                          |  |
|                                                                                                                    |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| B508, CTG, 40MM GREEN SMOKE GROUND                                                                                 |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| CTG, 40MM, HEDP, M430A1                                                                                            |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| LOAD, ASSEMBLE AND PACK                                                                                            |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 19,038 | 139.39    | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 11                 | APR 12                 | YES                      |                          |  |
| CASE CTG 40MM M118 LLD                                                                                             |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 19,610 | 7.05      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 11                 | JAN 12                 | YES                      |                          |  |
| NITROCELLULOSE WW GD D (LB)                                                                                        |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 48     | 7.27      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 11                 | JAN 12                 | YES                      |                          |  |
| DELAT ASSY                                                                                                         |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 19,990 | 5.53      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 11                 | JAN 12                 | YES                      |                          |  |
| BOX METAL M2A1                                                                                                     |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 86     | 12.25     | JMC, ROCK ISLAND, IL | UNK            | C/OPTION                                                | BEST FOAM FAB, CHICAGO, IL  | MAR 11                 | JAN 12                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 347    | 12.25     | JMC, ROCK ISLAND, IL | UNK            | C/OPTION                                                | BWAY CORP, ATLANTA, GA      | MAR 11                 | JAN 12                 | YES                      |                          |  |
|                                                                                                                    |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
|                                                                                                                    |        |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |



| Exhibit P-5a, Procurement History and Planning                                                                     |           |           |                      |                | Weapon System                                           |                             | Date:<br>FEBRUARY 2010 |                        |                          |                          |  |
|--------------------------------------------------------------------------------------------------------------------|-----------|-----------|----------------------|----------------|---------------------------------------------------------|-----------------------------|------------------------|------------------------|--------------------------|--------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |           |           |                      |                | P-1 Line Item Nomenclature:<br>(105000) 40MM, ALL TYPES |                             |                        |                        |                          |                          |  |
|                                                                                                                    | Qty       | Unit Cost | Location of PCO      | RFP Issue Date | Contract Method and Type                                | Contractor and Location     | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |  |
| WBS COST ELEMENTS                                                                                                  |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| B509, CTG, 40MM YELLOW SMOKE GROUND                                                                                |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| CTG, 40MM, HEDP, M430A1                                                                                            |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| LOAD, ASSEMBLE AND PACK                                                                                            |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 19,038    | 139.39    | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 11                 | APR 12                 | YES                      |                          |  |
| CASE CTG 40MM M118 LLD                                                                                             |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 19,610    | 7.05      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 11                 | JAN 12                 | YES                      |                          |  |
| NITROCELLULOSE WW GD D (LB)                                                                                        |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 48        | 7.27      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 11                 | JAN 12                 | YES                      |                          |  |
| DELAT ASSY                                                                                                         |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 19,990    | 5.53      | JMC, ROCK ISLAND, IL | UNK            | OTH/OTH                                                 | TBD                         | MAR 11                 | JAN 12                 | YES                      |                          |  |
| BOX METAL M2A1                                                                                                     |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2011 Base                                                                                                       | 86        | 12.25     | JMC, ROCK ISLAND, IL | UNK            | C/OPTION                                                | BEST FOAM FAB, CHICAGO, ILL | MAR 11                 | JAN 12                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 347       | 12.25     | JMC, ROCK ISLAND, IL | UNK            | C/OPTION                                                | BWAY CORP, ATLANTA, GA      | MAR 11                 | JAN 12                 | YES                      |                          |  |
|                                                                                                                    |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| B519, CTG, 40MM PRACTICE                                                                                           |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| CTG 40MM PRACTICE M781                                                                                             |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 1,344,708 | 3.75      | JMC, ROCK ISLAND, IL | OCT 05         | C/OP                                                    | AMTECH CORP, JANESVILLE, WI | FEB 09                 | DEC 09                 | YES                      |                          |  |
| FY 2009 Base                                                                                                       | 1,100,216 | 3.75      | JMC, ROCK ISLAND, IL | OCT 05         | C/OP                                                    | DSE, INC, TAMPA, FLA        | JAN 09                 | DEC 09                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 472,709   | 5.48      | JMC, ROCK ISLAND, IL | TBD            | C/OTH                                                   | TBD                         | MAR 10                 | APR 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 2,678,686 | 5.48      | JMC, ROCK ISLAND, IL | TBD            | C/OTH                                                   | TBD                         | MAR 10                 | APR 11                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 964,748   | 4.85      | JMC, ROCK ISLAND, IL | TBD            | C/OP                                                    | TBD                         | MAR 11                 | JAN 12                 | YES                      |                          |  |
|                                                                                                                    |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| B535, CTG, 40MM WHITE STAR PARACUTE                                                                                |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| CTG 40MM WHITE STAR PARA M583                                                                                      |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 33,998    | 44.82     | JMC, ROCK ISLAND, IL | OCT 05         | C/OP                                                    | AMTECH CORP, JANESVILLE, WI | FEB 09                 | JAN 10                 | YES                      |                          |  |
| FY 2009 Base                                                                                                       | 27,817    | 44.82     | JMC, ROCK ISLAND, IL | OCT 05         | C/OP                                                    | DSE, INC, TAMPA, FLA        | FEB 09                 | JAN 10                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 83,423    | 50.13     | JMC, ROCK ISLAND, IL | TBD            | C/OTH                                                   | TBD                         | MAR 10                 | APR 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 7,730     | 50.13     | JMC, ROCK ISLAND, IL | TBD            | C/OTH                                                   | TBD                         | MAR 10                 | APR 11                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 61,288    | 54.71     | JMC, ROCK ISLAND, IL | TBD            | C/OP                                                    | TBD                         | MAR 11                 | JAN 12                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
|                                                                                                                    |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| B542, CTG, 40MM HEDP LINKED FOR MK19                                                                               |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| CTG, 40MM, HEDP, M430A1                                                                                            |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 463,159   | 31.80     | JMC, ROCK ISLAND, IL | JAN 06         | C/OP                                                    | AMTECH CORP, JANESVILLE, WI | DEC 08                 | MAY 10                 | YES                      |                          |  |
| FY 2009 Base                                                                                                       | 639,600   | 31.80     | JMC, ROCK ISLAND, IL | JAN 06         | C/OP                                                    | DSE, INC, TAMPA, FLA        | DEC 08                 | MAY 10                 | YES                      |                          |  |
| FY 2009 OCO                                                                                                        | 217,957   | 31.80     | JMC, ROCK ISLAND, IL | JAN 06         | C/OP                                                    | AMTECH CORP, JANESVILLE, WI | DEC 08                 | MAY 10                 | YES                      |                          |  |
| FY 2009 OCO                                                                                                        | 300,988   | 31.80     | JMC, ROCK ISLAND, IL | JAN 06         | C/OP                                                    | DSE, INC, TAMPA, FLA        | DEC 08                 | MAY 10                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 507,757   | 37.75     | JMC, ROCK ISLAND, IL | TBD            | C/OTH                                                   | TBD                         | MAR 10                 | OCT 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 605,257   | 37.75     | JMC, ROCK ISLAND, IL | TBD            | C/OTH                                                   | TBD                         | MAR 10                 | OCT 11                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 451,417   | 37.78     | JMC, ROCK ISLAND, IL | TBD            | C/OP                                                    | TBD                         | MAR 11                 | AUG 12                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 89,850    | 37.78     | JMC, ROCK ISLAND, IL | TBD            | C/OP                                                    | TBD                         | MAR 11                 | AUG 12                 | YES                      |                          |  |
|                                                                                                                    |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
|                                                                                                                    |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |
|                                                                                                                    |           |           |                      |                |                                                         |                             |                        |                        |                          |                          |  |



|                                   |                        |
|-----------------------------------|------------------------|
| Exhibit P-21, Production Schedule | Date:<br>FEBRUARY 2010 |
|-----------------------------------|------------------------|

|                                                               |        |                                          |
|---------------------------------------------------------------|--------|------------------------------------------|
| Appropriation Code/Budget Activity/Serial Number:             | Weapon | P-1 Line Item Nomenclature:              |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition | System | (105000) DODIC: B519, CTG, 40MM PRACTICE |

[illegible][illegible][illegible]

|           |
|-----------|
| REMARKS : |
|-----------|



Exhibit P-21, Production Schedule

|               |
|---------------|
| Date:         |
| FEBRUARY 2010 |

Appropriation Code/Budget Activity/Serial Number:  
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition

|        |  |
|--------|--|
| Weapon |  |
| System |  |

|                                                      |
|------------------------------------------------------|
| P-1 Line Item Nomenclature:                          |
| (105000) DODIC: B542, CTG, 40MM HEDP LINKED FOR MK19 |

[illegible][illegible][illegible]

|   |   |   |   |   |
|---|---|---|---|---|
| : | T | H | I | S |
|---|---|---|---|---|



|       |               |
|-------|---------------|
| Date: | FEBRUARY 2010 |
|-------|---------------|

|                             |                                          |
|-----------------------------|------------------------------------------|
| P-1 Line Item Nomenclature: |                                          |
| (105000)                    | DODIC: B546, CTG, 40MM HEDP FOR M79/M203 |

[illegible][illegible][illegible]

|           |
|-----------|
| REMARKS : |
|-----------|













|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |         |                                |                |                                                    |         |                        |         |         |                |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|----------------|----------------------------------------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |         |         |                                |                |                                                    |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |         |         |                                |                | P-1 Item Nomenclature:<br>(108300) 60MM, ALL TYPES |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |         |         | Other Related Program Elements |                |                                                    |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011 | Total<br>FY 2011                                   | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |         |         |                                |                |                                                    |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A          | 68.956  | 65.592  | 17.877                         | 17.150         | 35.027                                             | 22.234  | 34.267                 | 49.059  | 63.988  |                | 339.123          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |         |                                |                |                                                    |         |                        |         |         |                |                  |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A          | 0.000   | 0.000   | 0.000                          | 0.000          | 0.000                                              | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p><b>Base Appropriation Request:</b></p> <p>The Cartridge, 60mm High Explosive M888 (DODIC B643) is a high explosive cartridge for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.</p> <p>The Cartridge, 60mm High Explosive M720A1 (DODIC BA16) with M734A1 Multi-Option Fuze (MOFA) is a high explosive round for use in the M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.</p> <p>The Cartridge, 60mm Mortar Anti-Personnel Anti-Materiel (DODIC BA29) with M734A1 Multi-Option Fuze is a high explosive round utilizing a shell body liner consisting of tungsten balls in an epoxy matrix to increase lethality .</p> <p><b>FY11 Overseas Contingency Operations Request (OCO):</b></p> <p>DODIC B643, \$6.863. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.</p> <p>DODIC BA16, \$6.477. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.</p> <p>DODIC BA29, \$3.810. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.</p> |            |         |         |                                |                |                                                    |         |                        |         |         |                |                  |

| Exhibit P-5, Cost Analysis                                                                                         |               |           |              | Weapon System |                                                         |              | Date:<br>FEBRUARY 2010 |         |              |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|---------------|-----------|--------------|---------------|---------------------------------------------------------|--------------|------------------------|---------|--------------|--|--|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |           |              | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(108300) 60MM, ALL TYPES |              |                        |         |              |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09          |           |              | FY10          |                                                         |              | FY11                   |         |              |  |  |  |
|                                                                                                                    | Total<br>Cost | Qty       | Unit<br>Cost | Total<br>Cost | Qty                                                     | Unit<br>Cost | Total<br>Cost          | Qty     | Unit<br>Cost |  |  |  |
| BASELINE                                                                                                           |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| HARDWARE                                                                                                           |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| B643, CTG, 60MM HE                                                                                                 |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 13.297        | 295,492   | 45.00        | 7.436         | 163,936                                                 | 45.36        | 3.288                  | 58,075  | 56.61        |  |  |  |
| PROJ BODY M720                                                                                                     | 10.470        | 307,312   | 34.07        | 5.906         | 170,494                                                 | 34.64        | 2.010                  | 60,398  | 33.28        |  |  |  |
| COMP B TYPE I GRADE A(LB)                                                                                          | 1.365         | 590,984   | 2.31         | 3.838         | 278,692                                                 | 13.77        | 0.251                  | 98,728  | 2.54         |  |  |  |
| M27 FIN ASSEMBLY                                                                                                   | 1.847         | 307,312   | 6.01         | 1.055         | 170,494                                                 | 6.19         | 0.443                  | 60,398  | 7.33         |  |  |  |
| M702 IGNITION CARTRIDGE                                                                                            | 5.089         | 307,312   | 16.56        | 2.919         | 170,494                                                 | 17.12        | 1.074                  | 60,398  | 17.78        |  |  |  |
| CHG PROP M204                                                                                                      | 3.605         | 1,205,608 | 2.99         | 7.618         | 668,859                                                 | 11.39        | 2.790                  | 241,592 | 11.55        |  |  |  |
| CONTAINER ASSY M204(EA)                                                                                            | 8.560         | 1,235,157 | 6.93         |               |                                                         |              |                        |         |              |  |  |  |
| M935 FUZE                                                                                                          | 8.802         | 174,375   | 50.48        |               |                                                         |              |                        |         |              |  |  |  |
| M935 FUZE                                                                                                          | 7.104         | 129,982   | 54.65        | 9.088         | 168,855                                                 | 53.82        | 3.317                  | 59,818  | 55.45        |  |  |  |
| COMP A-5 CLASS (LB)                                                                                                | 0.028         | 8,865     | 3.12         | 0.016         | 4,919                                                   | 3.21         | 0.007                  | 1,743   | 4.01         |  |  |  |
|                                                                                                                    |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| BA16, CTG, 60MM HE WITH MOF                                                                                        |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| LAP, CTG, 60MM, M720A1                                                                                             | 1.382         | 30,000    | 46.06        | 3.193         | 54,927                                                  | 58.14        | 0.099                  | 1,651   | 60.17        |  |  |  |
| FUZE, MO, M734A1                                                                                                   | 5.947         | 31,200    | 190.62       | 12.236        | 57,124                                                  | 214.20       | 0.380                  | 1,717   | 221.56       |  |  |  |
| SHELL BODY, 60MM, HE, M720A1/M768                                                                                  | 1.355         | 31,200    | 43.44        | 2.632         | 57,124                                                  | 46.07        | 0.082                  | 1,717   | 47.70        |  |  |  |
| IGNITION CTG, 60MM, M702                                                                                           | 0.488         | 31,200    | 15.65        | 0.978         | 57,124                                                  | 17.12        | 0.031                  | 1,717   | 17.78        |  |  |  |
| PROPELLENT CHARGE, 60MM, M235                                                                                      | 0.734         | 124,800   | 5.88         | 2.215         | 226,299                                                 | 9.79         | 0.081                  | 6,870   | 11.82        |  |  |  |
| FIN ASSEMBLY M27                                                                                                   | 0.188         | 31,200    | 6.01         | 0.354         | 57,124                                                  | 6.19         | 0.013                  | 1,717   | 7.33         |  |  |  |
|                                                                                                                    |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| BA29, CTG, 60MM MAPAM                                                                                              |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 0.370         | 3,700     | 100.00       | 0.135         | 2,404                                                   | 56.10        | 0.163                  | 2,798   | 58.35        |  |  |  |
| FUZE, MO, M734A1                                                                                                   | 0.734         | 3,848     | 190.62       | 0.536         | 2,500                                                   | 214.20       | 0.645                  | 2,910   | 221.56       |  |  |  |
| WARHEAD ASSEMBLY                                                                                                   | 1.115         | 4,070     | 274.00       | 0.978         | 2,645                                                   | 369.58       | 0.912                  | 3,078   | 296.16       |  |  |  |
| IGNITION CTG, 60MM, M702                                                                                           | 0.063         | 3,848     | 16.30        | 0.043         | 2,500                                                   | 17.12        | 0.052                  | 2,910   | 17.78        |  |  |  |
| PROPELLENT CHARGE, 60MM, M235                                                                                      | 0.065         | 15,392    | 4.25         | 0.104         | 10,001                                                  | 10.40        | 0.138                  | 11,639  | 11.82        |  |  |  |
| FIN ASSEMBLY M27                                                                                                   | 0.024         | 3,848     | 6.13         | 0.015         | 2,500                                                   | 6.19         | 0.021                  | 2,910   | 7.33         |  |  |  |
| METAL PARTS ENHANCED FRAGMENTATION                                                                                 | 0.847         | 3,848     | 220.00       |               |                                                         |              | 0.665                  | 2,910   | 228.62       |  |  |  |
|                                                                                                                    |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| PRODUCT                                                                                                            |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| PRODUCTION ENGINEERING                                                                                             | 1.163         |           |              | 1.333         |                                                         |              | 1.103                  |         |              |  |  |  |
| QUALITY ASSURANCE                                                                                                  | 0.290         |           |              | 0.243         |                                                         |              | 0.108                  |         |              |  |  |  |
| ACCEPTANCE TESTING                                                                                                 | 3.395         |           |              | 2.259         |                                                         |              | 0.462                  |         |              |  |  |  |
|                                                                                                                    |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
|                                                                                                                    |               |           |              |               |                                                         |              |                        |         |              |  |  |  |
| Subtotal Page                                                                                                      | 78.327        |           |              | 65.130        |                                                         |              | 18.135                 |         |              |  |  |  |
|                                                                                                                    |               |           |              |               |                                                         |              |                        |         |              |  |  |  |

|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|---------------|-----|---------------|---------------|---------------------------------------------------------|------------------------|---------|--------------|--|--|--|--|
| Exhibit P-5, Cost Analysis                                                                                         |               |     | Weapon System |               |                                                         | Date:<br>FEBRUARY 2010 |         |              |  |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |     |               | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(108300) 60MM, ALL TYPES |                        |         |              |  |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09          |     |               | FY10          |                                                         | FY11                   |         |              |  |  |  |  |
|                                                                                                                    | Total<br>Cost | Qty | Unit<br>Cost  | Total<br>Cost | Qty                                                     | Total<br>Cost          | Qty     | Unit<br>Cost |  |  |  |  |
| BASELINE                                                                                                           |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| NONRECURRING                                                                                                       |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| GOVERNMENT FURNISHED MATERIAL                                                                                      | -10.211       |     |               | -0.016        |                                                         | -0.258                 |         |              |  |  |  |  |
| EPA CLAIM                                                                                                          | 0.500         |     |               | 0.000         |                                                         | 0.000                  |         |              |  |  |  |  |
| FAT- BA29 CARTRIDGE                                                                                                | 0.068         |     |               | 0.162         |                                                         | 0.000                  |         |              |  |  |  |  |
| COST OF STEEL                                                                                                      | 0.272         |     |               | 0.316         |                                                         | 0.000                  |         |              |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| Subtotal Baseline                                                                                                  | 68.956        |     |               | 65.592        |                                                         | 17.877                 |         |              |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| FY11 OCO                                                                                                           |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| HARDWARE                                                                                                           |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| B643, CTG, 60MM HE                                                                                                 |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |               |     |               |               |                                                         | 1.619                  | 28,604  | 56.61        |  |  |  |  |
| PROJ BODY M720                                                                                                     |               |     |               |               |                                                         | 0.990                  | 29,749  | 33.28        |  |  |  |  |
| COMP B TYPE I GRADE A(LB)                                                                                          |               |     |               |               |                                                         | 0.124                  | 48,627  | 2.54         |  |  |  |  |
| COMP B TYPE I GRADE A(LB)                                                                                          |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| M27 FIN ASSEMBLY                                                                                                   |               |     |               |               |                                                         | 0.218                  | 29,749  | 7.33         |  |  |  |  |
| M702 IGNITION CARTRIDGE                                                                                            |               |     |               |               |                                                         | 0.529                  | 29,749  | 17.78        |  |  |  |  |
| CHG PROP M204                                                                                                      |               |     |               |               |                                                         | 1.374                  | 118,993 | 11.55        |  |  |  |  |
| CONTAINER ASSY M204(EA)                                                                                            |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| M935 FUZE                                                                                                          |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| M935 FUZE                                                                                                          |               |     |               |               |                                                         | 1.634                  | 29,462  | 55.45        |  |  |  |  |
| COMP A-5 CLASS (LB)                                                                                                |               |     |               |               |                                                         | 0.003                  | 858     | 4.01         |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| BA16, CTG, 60MM HE WITH MOF                                                                                        |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| LAP, CTG, 60MM, M720A1                                                                                             |               |     |               |               |                                                         | 0.804                  | 13,361  | 60.17        |  |  |  |  |
| FUZE, MO, M734A1                                                                                                   |               |     |               |               |                                                         | 3.079                  | 13,896  | 221.56       |  |  |  |  |
| SHELL BODY, 60MM, HE, M720A1/M768                                                                                  |               |     |               |               |                                                         | 0.663                  | 13,896  | 47.70        |  |  |  |  |
| IGNITION CTG, 60MM, M702                                                                                           |               |     |               |               |                                                         | 0.247                  | 13,896  | 17.78        |  |  |  |  |
| PROPELLENT CHARGE, 60MM, M235                                                                                      |               |     |               |               |                                                         | 0.657                  | 55,581  | 11.82        |  |  |  |  |
| FIN ASSEMBLY M27                                                                                                   |               |     |               |               |                                                         | 0.102                  | 13,896  | 7.33         |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |
| Subtotal FY11 OCO                                                                                                  | 0.000         |     |               | 0.000         |                                                         | 12.043                 |         |              |  |  |  |  |
|                                                                                                                    |               |     |               |               |                                                         |                        |         |              |  |  |  |  |

|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|---------------------------------------------------------------|---------------|-----|--------------|---------------|-----------------------------|------------------------|--------|--------------|--|--|--|
| Exhibit P-5, Cost Analysis                                    |               |     |              | Weapon System |                             | Date:<br>FEBRUARY 2010 |        |              |  |  |  |
| Appropriation Code/Budget Activity/Serail Number:             |               |     |              | ID Code:      | P-1 Line Item Nomenclature: |                        |        |              |  |  |  |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |     |              | A             | (108300) 60MM, ALL TYPES    |                        |        |              |  |  |  |
|                                                               | FY09          |     |              | FY10          |                             | FY11                   |        |              |  |  |  |
|                                                               | Total<br>Cost | Qty | Unit<br>Cost | Total<br>Cost | Qty                         | Total<br>Cost          | Qty    | Unit<br>Cost |  |  |  |
| WBS COST ELEMENTS                                             |               |     |              |               |                             |                        |        |              |  |  |  |
| BA29, CTG, 60MM MAPAM                                         |               |     |              |               |                             |                        |        |              |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   |               |     |              |               |                             | 0.208                  | 3,561  | 58.35        |  |  |  |
| FUZE, MO, M734A1                                              |               |     |              |               |                             | 0.820                  | 3,703  | 221.56       |  |  |  |
| WARHEAD ASSEMBLY                                              |               |     |              |               |                             | 1.160                  | 3,917  | 296.16       |  |  |  |
| IGNITION CTG, 60MM, M702                                      |               |     |              |               |                             | 0.066                  | 3,703  | 17.78        |  |  |  |
| PROPELLENT CHARGE, 60MM, M235                                 |               |     |              |               |                             | 0.175                  | 14,814 | 11.82        |  |  |  |
| FIN ASSEMBLY M27                                              |               |     |              |               |                             | 0.027                  | 3,703  | 7.33         |  |  |  |
| METAL PARTS ENHANCED FRAGMENTATION                            |               |     |              |               |                             | 0.847                  | 3,703  | 228.62       |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
| PRODUCT                                                       |               |     |              |               |                             |                        |        |              |  |  |  |
| PRODUCTION ENGINEERING                                        |               |     |              |               |                             | 1.175                  |        |              |  |  |  |
| QUALITY ASSURANCE                                             |               |     |              |               |                             | 0.287                  |        |              |  |  |  |
| ACCEPTANCE TESTING                                            |               |     |              |               |                             | 0.469                  |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
| NONRECURRING                                                  |               |     |              |               |                             |                        |        |              |  |  |  |
| GOVERNMENT FURNISHED MATERIAL                                 |               |     |              |               |                             | -0.127                 |        |              |  |  |  |
| FAT                                                           |               |     |              |               |                             | 0.000                  |        |              |  |  |  |
| COST OF STEEL                                                 |               |     |              |               |                             | 0.000                  |        |              |  |  |  |
| Subtotal FY11 OCO                                             |               |     |              |               |                             | 17.150                 |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
|                                                               |               |     |              |               |                             |                        |        |              |  |  |  |
| TOTAL                                                         | 68.956        |     |              | 65.592        |                             | 35.027                 |        |              |  |  |  |
| ACTIVE                                                        | 68.956        |     |              | 65.592        |                             | 35.027                 |        |              |  |  |  |
| RESERVES                                                      | 0.000         |     |              | 0.000         |                             | 0.000                  |        |              |  |  |  |



| Exhibit P-5a, Procurement History and Planning                                                                     |         |              |                       |                                                         | Weapon System                  |                                     |               | Date:<br>FEBRUARY 2010       |                                |                                |
|--------------------------------------------------------------------------------------------------------------------|---------|--------------|-----------------------|---------------------------------------------------------|--------------------------------|-------------------------------------|---------------|------------------------------|--------------------------------|--------------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |              |                       | P-1 Line Item Nomenclature:<br>(108300) 60MM, ALL TYPES |                                |                                     |               |                              |                                |                                |
|                                                                                                                    | Qty     | Unit<br>Cost | Location of PCO       | RFP<br>Issue<br>Date                                    | Contract<br>Method<br>and Type | Contractor and Location             | Award<br>Date | Date of<br>First<br>Delivery | Tech Data<br>Available<br>Now? | Date<br>Revisions<br>Available |
| WBS COST ELEMENTS                                                                                                  |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |
| B643, CTG, 60MM HE                                                                                                 |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |
| FY 2009 Base                                                                                                       | 186,160 | 45.00        | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/OPTION                      | AMERICAN ORDNANCE, MILAN, TN        | SEP 09        | SEP 10                       | YES                            |                                |
| FY 2009 OCO                                                                                                        | 109,332 | 45.00        | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/OPTION                      | AMERICAN ORDNANCE, MILAN, TN        | SEP 09        | SEP 10                       | YES                            |                                |
| FY 2010 Base                                                                                                       | 103,280 | 45.36        | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/OPTION                      | AMERICAN ORDNANCE, MILAN, TN        | MAR 10        | SEP 11                       | YES                            |                                |
| FY 2010 OCO                                                                                                        | 60,656  | 45.36        | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/OPTION                      | AMERICAN ORDNANCE, MILAN, TN        | MAR 10        | SEP 11                       | YES                            |                                |
| FY 2011 Base                                                                                                       | 58,075  | 56.61        | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/OPTION                      | AMERICAN ORDNANCE, MILAN, TN        | DEC 10        | SEP 12                       | YES                            |                                |
| FY 2011 OCO                                                                                                        | 28,604  | 56.61        | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/OPTION                      | AMERICAN ORDNANCE, MILAN, TN        | DEC 10        | SEP 12                       | YES                            |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |
| PROJ BODY M720                                                                                                     |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |
| FY 2009 Base                                                                                                       | 193,607 | 34.07        | PICATINNY ARSENAL, NJ | UNK                                                     | C/OPTION                       | MEDICO INDUSTRIES, WILKES-BARRE, PA | MAR 09        | JUN 10                       | YES                            |                                |
| FY 2009 OCO                                                                                                        | 113,705 | 34.07        | PICATINNY ARSENAL, NJ | UNK                                                     | C/OPTION                       | MEDICO INDUSTRIES, WILKES-BARRE, PA | MAR 09        | JUN 10                       | YES                            |                                |
| FY 2010 Base                                                                                                       | 107,411 | 34.64        | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                           | TBD                                 | JUL 10        | JUL 11                       | YES                            |                                |
| FY 2010 OCO                                                                                                        | 63,083  | 34.64        | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                           | TBD                                 | JUL 10        | JUL 11                       | YES                            |                                |
| FY 2011 Base                                                                                                       | 60,398  | 33.28        | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                           | TBD                                 | MAR 11        | JUL 12                       | YES                            |                                |
| FY 2011 OCO                                                                                                        | 29,749  | 33.28        | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                           | TBD                                 | MAR 11        | JUL 12                       | YES                            |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |
| COMP B TYPE I GRADE A(LB)                                                                                          |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |
| FY 2009 Base                                                                                                       | 372,320 | 2.31         | N/A                   | N/A                                                     | N/A                            | STOCK ISSUE                         | N/A           | N/A                          | YES                            |                                |
| FY 2009 OCO                                                                                                        | 218,664 | 2.31         | N/A                   | N/A                                                     | N/A                            | STOCK ISSUE                         | N/A           | N/A                          | YES                            |                                |
| FY 2010 Base                                                                                                       | 175,576 | 13.77        | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                           | TBD                                 | JUL 10        | JUL 11                       | YES                            |                                |
| FY 2010 OCO                                                                                                        | 103,116 | 13.77        | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                           | TBD                                 | JUL 10        | JUL 11                       | YES                            |                                |
| FY 2011 Base                                                                                                       | 98,728  | 2.54         | N/A                   | N/A                                                     | N/A                            | STOCK ISSUE                         | N/A           | N/A                          | YES                            |                                |
| FY 2011 OCO                                                                                                        | 48,627  | 2.54         | N/A                   | N/A                                                     | N/A                            | STOCK ISSUE                         | N/A           | N/A                          | YES                            |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |
| M27 FIN ASSEMBLY                                                                                                   |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |
| FY 2009 Base                                                                                                       | 176,068 | 6.01         | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                           | WILKINSON MFG, FORT CALHOUN, NE     | FEB 09        | JUL 10                       | YES                            |                                |
| FY 2009 Base                                                                                                       | 17,539  | 6.01         | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                           | TBD                                 | MAR 10        | JUL 10                       | YES                            |                                |
| FY 2009 OCO                                                                                                        | 113,705 | 6.01         | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                           | TBD                                 | MAR 10        | JUL 10                       | YES                            |                                |
| FY 2010 Base                                                                                                       | 107,411 | 6.19         | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                           | TBD                                 | MAR 10        | JUL 11                       | YES                            |                                |
| FY 2010 OCO                                                                                                        | 63,083  | 6.19         | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                           | TBD                                 | MAR 10        | JUL 11                       | YES                            |                                |
| FY 2011 Base                                                                                                       | 60,398  | 7.33         | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                           | TBD                                 | DEC 10        | JUL 12                       | YES                            |                                |
| FY 2011 OCO                                                                                                        | 29,749  | 7.33         | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                           | TBD                                 | DEC 10        | JUL 12                       | YES                            |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                     |               |                              |                                |                                |

| Exhibit P-5a, Procurement History and Planning                |         |       |                      |       | Weapon System               |                                |        | Date:         |           |           |  |
|---------------------------------------------------------------|---------|-------|----------------------|-------|-----------------------------|--------------------------------|--------|---------------|-----------|-----------|--|
|                                                               |         |       |                      |       |                             |                                |        | FEBRUARY 2010 |           |           |  |
| Appropriation Code/Budget Activity/Serial Number:             |         |       |                      |       | P-1 Line Item Nomenclature: |                                |        |               |           |           |  |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |       |                      |       | (108300) 60MM, ALL TYPES    |                                |        |               |           |           |  |
|                                                               |         | Unit  |                      | RFP   | Contract                    |                                | Award  | Date of       | Tech Data | Date      |  |
| WBS COST ELEMENTS                                             | Qty     | Cost  | Location of PCO      | Issue | Method                      | Contractor and Location        | Date   | First         | Available | Revisions |  |
|                                                               |         |       |                      | Date  | and Type                    |                                |        | Delivery      | Now?      | Available |  |
| M702 IGNITION CARTRIDGE                                       |         |       |                      |       |                             |                                |        |               |           |           |  |
| FY 2009 Base                                                  | 193,607 | 16.56 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | AMERICAN ORDNANCE LLC, MILAN,  | SEP 09 | NOV 09        | YES       |           |  |
| FY 2009 OCO                                                   | 113,705 | 16.56 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | AMERICAN ORDNANCE LLC, MILAN,  | SEP 09 | NOV 09        | YES       |           |  |
| FY 2010 Base                                                  | 107,411 | 17.12 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | POCAL INDUSTRIES, SCRANTON, PA | MAY 10 | JUL 11        | YES       |           |  |
| FY 2010 OCO                                                   | 63,083  | 17.12 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | POCAL INDUSTRIES, SCRANTON, PA | MAY 10 | JUL 11        | YES       |           |  |
| FY 2011 Base                                                  | 60,398  | 17.78 | JMC, ROCK ISLAND, IL | UNK   | C/FP                        | TBD                            | MAR 11 | JUL 12        | YES       |           |  |
| FY 2011 OCO                                                   | 29,749  | 17.78 | JMC, ROCK ISLAND, IL | UNK   | C/FP                        | TBD                            | MAR 11 | JUL 12        | YES       |           |  |
|                                                               |         |       |                      |       |                             |                                |        |               |           |           |  |
| LAP, CHG PROP M204                                            |         |       |                      |       |                             |                                |        |               |           |           |  |
| FY 2009 Base                                                  | 759,533 | 2.99  | JMC, ROCK ISLAND, IL | UNK   | C/FP                        | AMERICAN ORDNANCE, MIDDLETOWN, | SEP 09 | SEP 10        | YES       |           |  |
| FY 2009 OCO                                                   | 446,075 | 2.99  | JMC, ROCK ISLAND, IL | UNK   | C/FP                        | AMERICAN ORDNANCE, MIDDLETOWN, | SEP 09 | SEP 10        | YES       |           |  |
| FY 2010 Base                                                  | 421,381 | 11.39 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | TBD                            | MAR 10 | JUL 11        | YES       |           |  |
| FY 2010 OCO                                                   | 247,478 | 11.39 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | TBD                            | MAR 10 | JUL 11        | YES       |           |  |
| FY 2011 Base                                                  | 241,592 | 11.55 | JMC, ROCK ISLAND, IL | UNK   | C/FP                        | TBD                            | MAR 11 | JUL 12        | YES       |           |  |
| FY 2011 OCO                                                   | 118,993 | 11.55 | JMC, ROCK ISLAND, IL | UNK   | C/FP                        | TBD                            | MAR 11 | JUL 12        | YES       |           |  |
|                                                               |         |       |                      |       |                             |                                |        |               |           |           |  |
| CONTAINER ASSY M204(EA)                                       |         |       |                      |       |                             |                                |        |               |           |           |  |
| FY 2009 Base                                                  | 778,149 | 6.93  | JMC, ROCK ISLAND, IL | UNK   | C/FP                        | TBD                            | MAR 09 | JUL 10        | YES       |           |  |
| FY 2009 OCO                                                   | 457,008 | 6.93  | JMC, ROCK ISLAND, IL | UNK   | C/FP                        | TBD                            | MAR 09 | JUL 10        | YES       |           |  |
|                                                               |         |       |                      |       |                             |                                |        |               |           |           |  |
| M935 FUZE                                                     |         |       |                      |       |                             |                                |        |               |           |           |  |
| FY 2009 Base                                                  | 109,856 | 50.48 | N/A                  | N/A   | N/A                         | STOCK ISSUE                    | N/A    | N/A           | YES       |           |  |
| FY 2009 OCO                                                   | 64,519  | 50.48 | N/A                  | N/A   | N/A                         | STOCK ISSUE                    | N/A    | N/A           | YES       |           |  |
|                                                               |         |       |                      |       |                             |                                |        |               |           |           |  |
| M935 FUZE                                                     |         |       |                      |       |                             |                                |        |               |           |           |  |
| FY 2009 Base                                                  | 81,889  | 54.65 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | L-3 COMM BT FUZE, LANCASTER, P | MAR 09 | OCT 10        | YES       |           |  |
| FY 2009 OCO                                                   | 48,093  | 54.65 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | L-3 COMM BT FUZE, LANCASTER, P | MAR 09 | OCT 10        | YES       |           |  |
| FY 2010 Base                                                  | 106,379 | 53.82 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | TBD                            | MAR 10 | JUL 11        | YES       |           |  |
| FY 2010 OCO                                                   | 62,476  | 53.82 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | TBD                            | MAR 10 | JUL 11        | YES       |           |  |
| FY 2011 Base                                                  | 59,818  | 55.45 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | TBD                            | MAR 11 | JUL 12        | YES       |           |  |
| FY 2011 OCO                                                   | 29,462  | 55.45 | JMC, ROCK ISLAND, IL | UNK   | C/OP                        | TBD                            | MAR 11 | JUL 12        | YES       |           |  |
|                                                               |         |       |                      |       |                             |                                |        |               |           |           |  |
| COMP A-5 CLASS 1(LB)                                          |         |       |                      |       |                             |                                |        |               |           |           |  |
| FY 2009 Base                                                  | 5,585   | 3.12  | N/A                  | N/A   | N/A                         | STOCK ISSUE                    | N/A    | N/A           | YES       |           |  |
| FY 2009 OCO                                                   | 3,280   | 3.12  | N/A                  | N/A   | N/A                         | STOCK ISSUE                    | N/A    | N/A           | YES       |           |  |
| FY 2010 Base                                                  | 3,099   | 3.21  | N/A                  | N/A   | N/A                         | STOCK ISSUE                    | N/A    | N/A           | YES       |           |  |
| FY 2010 OCO                                                   | 1,820   | 3.21  | N/A                  | N/A   | N/A                         | STOCK ISSUE                    | N/A    | N/A           | YES       |           |  |
| FY 2011 Base                                                  | 1,743   | 4.01  | N/A                  | N/A   | N/A                         | STOCK ISSUE                    | N/A    | N/A           | YES       |           |  |
| FY 2011 OCO                                                   | 858     | 4.01  | N/A                  | N/A   | N/A                         | STOCK ISSUE                    | N/A    | N/A           | YES       |           |  |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |         |           |                                  |                                                         | Weapon System            |                                  | Date:<br>FEBRUARY 2010 |                        |                          |                          |  |
|--------------------------------------------------------------------------------------------------------------------|---------|-----------|----------------------------------|---------------------------------------------------------|--------------------------|----------------------------------|------------------------|------------------------|--------------------------|--------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |           |                                  | P-1 Line Item Nomenclature:<br>(108300) 60MM, ALL TYPES |                          |                                  |                        |                        |                          |                          |  |
| WBS COST ELEMENTS                                                                                                  | Qty     | Unit Cost | Location of PCO                  | RFP Issue Date                                          | Contract Method and Type | Contractor and Location          | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |  |
| BA16, CTG, 60MM HE WITH MOF                                                                                        |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| LAP, CTG, 60MM, M720A1                                                                                             |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 30,000  | 46.06     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/OP                     | GDOTS, CANADA                    | MAR 09                 | MAR 11                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 34,604  | 58.14     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | JUL 10                 | JUL 12                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 20,323  | 58.14     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | JUL 10                 | JUL 12                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 1,651   | 60.17     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 11                 | MAR 13                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 13,361  | 60.17     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 11                 | MAR 13                 | YES                      |                          |  |
|                                                                                                                    |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| FUZE, MO, M734A1                                                                                                   |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 31,200  | 190.62    | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/FP                     | MEDICO IND, WILKES-BARRE, PA     | MAR 09                 | DEC 09                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 35,988  | 214.20    | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/FP                     | TBD                              | JUL 10                 | JAN 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 21,136  | 214.20    | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/FP                     | TBD                              | JUL 10                 | JAN 11                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 1,717   | 221.56    | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/FP                     | TBD                              | MAR 11                 | DEC 11                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 13,896  | 221.56    | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/FP                     | TBD                              | MAR 11                 | DEC 11                 | YES                      |                          |  |
|                                                                                                                    |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| SHELL BODY, 60MM, HE, M720A1/M7                                                                                    |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 31,200  | 43.44     | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/FP                     | L3-KDI, CINCINNATI, OH           | NOV 09                 | JUL 10                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 35,988  | 46.07     | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/OP                     | L3-KDI, CINCINNATI, OH           | MAR 10                 | DEC 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 21,136  | 46.07     | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/OP                     | L3-KDI, CINCINNATI, OH           | MAR 10                 | DEC 11                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 1,717   | 47.70     | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/OP                     | L3-KDI, CINCINNATI, OH           | MAR 11                 | DEC 12                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 13,896  | 47.70     | PICATINNY ARSENAL, PICATINNY, NJ | UNK                                                     | C/OP                     | L3-KDI, CINCINNATI, OH           | MAR 11                 | DEC 12                 | YES                      |                          |  |
|                                                                                                                    |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| IGNITION CTG, 60MM, M702                                                                                           |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 31,200  | 15.65     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/OP                     | POCAL INDUSTRIES, SCRANTON, PA   | MAR 09                 | DEC 09                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 35,988  | 17.12     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/OP                     | POCAL INDUSTRIES, SCRANTON, PA   | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 21,136  | 17.12     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/OP                     | POCAL INDUSTRIES, SCRANTON, PA   | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 1,717   | 17.78     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 11                 | DEC 11                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 13,896  | 17.78     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 11                 | DEC 11                 | YES                      |                          |  |
|                                                                                                                    |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| PROPELLENT CHARGE, 60MM, M235                                                                                      |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 124,800 | 5.88      | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | AMERICAN ORDNANCE, MIDDLETON, WI | OCT 09                 | DEC 10                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 142,568 | 9.79      | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 83,731  | 9.79      | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 6,870   | 11.82     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/OP                     | TBD                              | MAR 11                 | DEC 11                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 55,581  | 11.82     | JMC, ROCK ISLAND, IL             | UNK                                                     | C/OP                     | TBD                              | MAR 11                 | DEC 11                 | YES                      |                          |  |
|                                                                                                                    |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| FIN ASSEMBLY M27                                                                                                   |         |           |                                  |                                                         |                          |                                  |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 31,200  | 6.01      | JMC, ROCK ISLAND, IL             | UNK                                                     | C/OP                     | WILKINSON MFG, FT CALHOUN, GA    | MAR 09                 | DEC 09                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 35,988  | 6.19      | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 10                 | FEB 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 21,136  | 6.19      | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 10                 | FEB 11                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 1,717   | 7.33      | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 11                 | DEC 11                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 13,896  | 7.33      | JMC, ROCK ISLAND, IL             | UNK                                                     | C/FP                     | TBD                              | MAR 11                 | DEC 11                 | YES                      |                          |  |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |        |           |                                  |                | Weapon System                                           |                               | Date:<br>FEBRUARY 2010 |                        |                          |                          |  |
|--------------------------------------------------------------------------------------------------------------------|--------|-----------|----------------------------------|----------------|---------------------------------------------------------|-------------------------------|------------------------|------------------------|--------------------------|--------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |           |                                  |                | P-1 Line Item Nomenclature:<br>(108300) 60MM, ALL TYPES |                               |                        |                        |                          |                          |  |
| WBS COST ELEMENTS                                                                                                  | Qty    | Unit Cost | Location of PCO                  | RFP Issue Date | Contract Method and Type                                | Contractor and Location       | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |  |
| BA29, CTG, 60MM MAPAM WITH MOF                                                                                     |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| LAP, CTG, 60MM, M1061                                                                                              |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 3,700  | 100.00    | JMC, ROCK ISLAND, IL             | UNK            | GOGO                                                    | PINE BLUFF ARSENAL, AR        | MAR 09                 | MAR 11                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 2,404  | 56.10     | JMC, ROCK ISLAND, IL             | UNK            | GOGO                                                    | PINE BLUFF ARSENAL, AR        | MAR 10                 | MAR 12                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 2,798  | 58.35     | JMC, ROCK ISLAND, IL             | UNK            | GOGO                                                    | PINE BLUFF ARSENAL, AR        | MAR 11                 | MAR 13                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 3,561  | 58.35     | JMC, ROCK ISLAND, IL             | UNK            | GOGO                                                    | PINE BLUFF ARSENAL, AR        | MAR 11                 | MAR 13                 | YES                      |                          |  |
|                                                                                                                    |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| FUZE, MO, M734A1                                                                                                   |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 3,848  | 190.62    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | L-3 COMM, CINCINNATI, OH      | MAR 09                 | SEP 10                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 2,500  | 214.20    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/OP                                                    | L-3 COMM, CINCINNATI, OH      | MAR 10                 | SEP 11                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 2,910  | 221.56    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/OP                                                    | L-3 COMM, CINCINNATI, OH      | MAR 11                 | SEP 12                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 3,703  | 221.56    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/OP                                                    | L-3 COMM, CINCINNATI, OH      | MAR 11                 | SEP 12                 | YES                      |                          |  |
|                                                                                                                    |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| WARHEAD ASSEMBLY                                                                                                   |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 4,070  | 274.00    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | SS/OP                                                   | ATK, WV                       | MAR 09                 | DEC 09                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 2,645  | 369.58    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | SS/OP                                                   | ATK, WV                       | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 3,078  | 296.16    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | SS/OP                                                   | ATK, WV                       | MAR 11                 | DEC 11                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 3,917  | 296.16    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | SS/OP                                                   | ATK, WV                       | MAR 11                 | DEC 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| IGNITION CTG, 60MM, M702                                                                                           |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 3,848  | 16.60     | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | POCAL INDUSTRIES, MOSCOW,     | MAR 09                 | DEC 09                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 2,500  | 17.12     | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | POCAL INDUSTRIES, MOSCOW,     | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 2,910  | 17.78     | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | POCAL INDUSTRIES, MOSCOW,     | MAR 11                 | DEC 11                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 3,703  | 17.78     | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | POCAL INDUSTRIES, MOSCOW,     | MAR 11                 | DEC 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| PROPELLENT CHARGE, 60MM, M235                                                                                      |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 15,392 | 4.25      | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | AMERICAN ORDNANCE, MIDDLETON, | OCT 09                 | JUL 10                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 10,001 | 10.40     | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | TBD                           | MAR 10                 | DEC 10                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 11,639 | 11.82     | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | TBD                           | MAR 11                 | DEC 11                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 14,814 | 11.82     | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | TBD                           | MAR 11                 | DEC 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| FIN ASSEMBLY M27                                                                                                   |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 3,848  | 6.13      | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/OP                                                    | WILKINSON MFG, PORT CALHOUN,  | MAR 09                 | DEC 09                 | YES                      |                          |  |
| FY 2010 Base                                                                                                       | 2,500  | 6.19      | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/FP                                                    | TBD                           | MAY 10                 | FEB 11                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 2,910  | 7.33      | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/OP                                                    | TBD                           | MAY 11                 | DEC 11                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 3,703  | 7.33      | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/OP                                                    | TBD                           | MAY 11                 | DEC 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| METAL PARTS ENHANCED FRAG                                                                                          |        |           |                                  |                |                                                         |                               |                        |                        |                          |                          |  |
| FY 2009 Base                                                                                                       | 3,848  | 220.00    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | SS/FP                                                   | SAAB BOFORS DYNAMIC, ZH       | MAR 09                 | DEC 10                 | YES                      |                          |  |
| FY 2011 Base                                                                                                       | 2,910  | 228.62    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | SS/FP                                                   | SAAB BOFORS DYNAMIC, ZH       | MAR 11                 | DEC 12                 | YES                      |                          |  |
| FY 2011 OCO                                                                                                        | 3,703  | 228.62    | PICATINNY ARSENAL, PICATINNY, NJ | UNK            | C/OP                                                    | SAAB BOFORS DYNAMIC, ZH       | MAR 11                 | DEC 12                 | YES                      |                          |  |

|                                   |                        |
|-----------------------------------|------------------------|
| Exhibit P-21, Production Schedule | Date:<br>FEBRUARY 2010 |
|-----------------------------------|------------------------|

|                                                               |        |                                    |
|---------------------------------------------------------------|--------|------------------------------------|
| Appropriation Code/Budget Activity/Serial Number:             | Weapon | P-1 Line Item Nomenclature:        |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition | System | (108300) DODIC: B643, CTG, 60MM HE |

[illegible][illegible][illegible]

|                                                                                                        |
|--------------------------------------------------------------------------------------------------------|
| REMARKS: THIS DOES NOT REFLECT THE ARMY 'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES. |
|--------------------------------------------------------------------------------------------------------|

|                                              |                        |
|----------------------------------------------|------------------------|
| Exhibit P-21, Production Schedule, Continued | Date:<br>FEBRUARY 2010 |
|----------------------------------------------|------------------------|

|                                                               |        |                                    |
|---------------------------------------------------------------|--------|------------------------------------|
| Appropriation Code/Budget Activity/Serial Number:             | Weapon | P-1 Line Item Nomenclature:        |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition | System | (108300) DODIC: B643, CTG, 60MM HE |

[illegible][illegible][illegible]

|                                                                                                        |
|--------------------------------------------------------------------------------------------------------|
| REMARKS: THIS DOES NOT REFLECT THE ARMY 'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES. |
|--------------------------------------------------------------------------------------------------------|

|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-----------------------|---------------------------------------------------------------------------------------|--------------------|-----------------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| <b>Exhibit P-21, Production Schedule</b>                                                                           |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       | Date:<br>FEBRUARY 2010                                                                |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |                                     |             |             |             |             |             |             |             |             |             |             |             |             | Weapon<br>System   |             |             |                       | P-1 Line Item Nomenclature:<br>(108300) DODIC: BA16, CTG, 60MM HE W/MULTI-OPTION FUZE |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             | PRODUCTION RATE    |             |             |                       |                                                                                       |                    | PROCUREMENT LEADTIMES |             |                    |             |             |             |             |             |             |             |             |  |
| Item                                                                                                               | Manufacturer's Name<br>and Location |             |             |             |             |             |             |             |             |             |             |             |             | MSR                | ECON        | MAX         | ALT Prior<br>to Oct 1 | ALT After<br>Oct 1                                                                    | Initial<br>Mfg PLT | Reorder<br>Mfg PLT    | Total       | Unit of<br>Measure |             |             |             |             |             |             |             |             |  |
| BA16                                                                                                               | 1 GDOTS, CANADA, ON                 |             |             |             |             |             |             |             |             |             |             |             |             | 12                 | 12          | 51          | 6                     | 6                                                                                     | 18                 | 18                    | 24          | K                  |             |             |             |             |             |             |             |             |  |
|                                                                                                                    | 2 TO BE DETERMINED                  |             |             |             |             |             |             |             |             |             |             |             |             | 12                 | 12          | 51          | 6                     | 7                                                                                     | 18                 | 18                    | 24          | K                  |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
| Fiscal Year 2008                                                                                                   |                                     |             |             |             |             |             |             |             |             |             |             |             |             | Fiscal Year 2009   |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
| Calendar Year 2008                                                                                                 |                                     |             |             |             |             |             |             |             |             |             |             |             |             | Calendar Year 2009 |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
| Item                                                                                                               | F<br>Y                              | S<br>V<br>C | Q<br>T<br>Y | D<br>E<br>L | B<br>A<br>L | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P           | O<br>C<br>T                                                                           | N<br>O<br>V        | D<br>E<br>C           | J<br>A<br>N | F<br>E<br>B        | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |  |
| BA16                                                                                                               | PY                                  | MC1         | 153         | 0           | 153         |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             | 153         |  |
|                                                                                                                    | 2009                                | MC1         | 30          | 0           | 30          |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    | A           |             |             |             |             |             |             | 30          |  |
|                                                                                                                    | 2010                                | MC2         | 55          | 0           | 55          |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             | 55          |  |
|                                                                                                                    | 2011                                | MC2         | 15          | 0           | 15          |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             | 15          |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
| Fiscal Year 2010                                                                                                   |                                     |             |             |             |             |             |             |             |             |             |             |             |             | Fiscal Year 2011   |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
| Calendar Year 2010                                                                                                 |                                     |             |             |             |             |             |             |             |             |             |             |             |             | Calendar Year 2011 |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
| Item                                                                                                               | F<br>Y                              | S<br>V<br>C | Q<br>T<br>Y | D<br>E<br>L | B<br>A<br>L | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P           | O<br>C<br>T                                                                           | N<br>O<br>V        | D<br>E<br>C           | J<br>A<br>N | F<br>E<br>B        | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |  |
| BA16                                                                                                               | PY                                  | MC1         | 153         | 0           | 153         |             |             |             |             |             |             |             |             |                    | 27          | 36          | 36                    |                                                                                       |                    |                       |             |                    |             |             | 34          | 17          | 3           |             |             | 0           |  |
|                                                                                                                    | 2009                                | MC1         | 30          | 0           | 30          |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    | 30          |             |             |             |             |             |             | 0           |  |
|                                                                                                                    | 2010                                | MC2         | 55          | 0           | 55          |             |             |             |             |             |             |             |             | A                  |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             | 55          |  |
|                                                                                                                    | 2011                                | MC2         | 15          | 0           | 15          |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    | A           |             |             |             |             |             |             | 15          |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |
|                                                                                                                    |                                     |             |             |             | </          |             |             |             |             |             |             |             |             |                    |             |             |                       |                                                                                       |                    |                       |             |                    |             |             |             |             |             |             |             |             |  |

|                                              |                        |
|----------------------------------------------|------------------------|
| Exhibit P-21, Production Schedule, Continued | Date:<br>FEBRUARY 2010 |
|----------------------------------------------|------------------------|

|                                                               |        |                                                        |
|---------------------------------------------------------------|--------|--------------------------------------------------------|
| Appropriation Code/Budget Activity/Serial Number:             | Weapon | P-1 Line Item Nomenclature:                            |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition | System | (108300) DODIC: BA16, CTG, 60MM HE W/MULTI-OPTION FUZE |

[illegible][illegible][illegible]

|                                                                                                        |
|--------------------------------------------------------------------------------------------------------|
| REMARKS: THIS DOES NOT REFLECT THE ARMY 'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES. |
|--------------------------------------------------------------------------------------------------------|





|                                              |                        |
|----------------------------------------------|------------------------|
| Exhibit P-21, Production Schedule, Continued | Date:<br>FEBRUARY 2010 |
|----------------------------------------------|------------------------|

|                                                               |        |                                          |
|---------------------------------------------------------------|--------|------------------------------------------|
| Appropriation Code/Budget Activity/Serial Number:             | Weapon | P-1 Line Item Nomenclature:              |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition | System | (108300) DODIC: BA29, CTG, 60MM HE MAPAM |

[illegible][illegible][illegible]

|                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|
| REMARKS: THIS DOES NOT REFLECT THE ARMY 'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.CONTRACTOR'S PRODUCTION RATES ARE IN "000S". |
|----------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                    |            |         |         |                                |             |                                                    |         |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|-------------|----------------------------------------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                     |            |         |         |                                |             |                                                    |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |         |                                |             | P-1 Item Nomenclature:<br>(109100) 81MM, ALL TYPES |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                  |            |         |         | Other Related Program Elements |             |                                                    |         |                        |         |         |                |                  |
|                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base FY<br>2011                | OCO FY 2011 | Total FY<br>2011                                   | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                           |            |         |         |                                |             |                                                    |         |                        |         |         |                |                  |
| Gross Cost                                                                                                         | A          | 94.825  | 158.347 | 41.053                         | 27.738      | 68.791                                             | 39.509  | 46.908                 | 119.807 | 79.774  |                | 607.961          |
|                                                                                                                    |            |         |         |                                |             |                                                    |         |                        |         |         |                |                  |
| Reserves                                                                                                           | A          | 0.000   | 0.000   | 0.000                          | 0.000       | 0.000                                              | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |

**Base Appropriations Request:**  
The Cartridge, 81mm High Explosive (HE) M821/M821A2 (DODIC C868) with Multi-Option Fuze M734 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light materiel targets.

The cartridge, 81mm HE M889/M889A1 (DODIC C869) with Point Detonating Fuze M935 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light materiel targets.

The Cartridge, 81mm Smoke Red Phosphorus (RP) M819 with Mechanical Time Super-Quick Fuze M772 (DODIC C870) is a smoke screen round developed for use in the 81mm M252 Mortar System.

The Cartridge, 81mm Illuminating M853A1 (DODIC C871) with Mechanical Time Super-Quick Fuze (MTSQ) M772 is an illuminating round developed for use in the 81mm M252 Mortar System. It is intended for illuminating a desired point or area.

**FY11 Overseas Contingency Operations Request (OCO):**  
DODIC C868, \$6.969. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

DODIC C869, \$15.000. Lack of funding to replace training expenditures will further erode the USMC's WRMR and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

DODIC C869, \$5.769. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.

| Exhibit P-5, Cost Analysis                                                                                         |            |         |           | Weapon System |                                                         |           | Date:<br>FEBRUARY 2010 |         |           |            |     |           |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|-----------|---------------|---------------------------------------------------------|-----------|------------------------|---------|-----------|------------|-----|-----------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |           | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(109100) 81MM, ALL TYPES |           |                        |         |           |            |     |           |
| WBS COST ELEMENTS                                                                                                  | FY09       |         |           | FY10          |                                                         |           | FY11                   |         |           |            |     |           |
|                                                                                                                    | Total Cost | Qty     | Unit Cost | Total Cost    | Qty                                                     | Unit Cost | Total Cost             | Qty     | Unit Cost | Total Cost | Qty | Unit Cost |
| BASELINE                                                                                                           |            |         |           |               |                                                         |           |                        |         |           |            |     |           |
| HARDWARE                                                                                                           |            |         |           |               |                                                         |           |                        |         |           |            |     |           |
| C868, CTG, 81MM HE W//M734A1 MOF                                                                                   |            |         |           |               |                                                         |           |                        |         |           |            |     |           |
| LAP, CTG, 81MM, M821A2                                                                                             | 8.627      | 158,150 | 54.55     | 6.991         | 107,842                                                 | 64.83     | 0.715                  | 11,032  | 64.78     |            |     |           |
| FUZE, MO, M734A1                                                                                                   | 31.352     | 164,476 | 190.62    | 24.024        | 112,156                                                 | 214.20    | 2.542                  | 11,473  | 221.56    |            |     |           |
| SHELL BODY, 81MM, M821A2                                                                                           | 8.582      | 164,476 | 52.18     | 6.153         | 112,156                                                 | 54.86     | 0.656                  | 11,473  | 57.16     |            |     |           |
| IGNITION CARTRIDGE M752                                                                                            | 2.633      | 164,476 | 16.01     | 1.984         | 112,156                                                 | 17.69     | 0.211                  | 11,473  | 18.43     |            |     |           |
| PROPELLENT CHARGE                                                                                                  | 4.461      | 657,904 | 6.78      | 5.438         | 444,309                                                 | 12.24     | 0.585                  | 45,894  | 12.75     |            |     |           |
| FIN ASSEMBLY                                                                                                       | 2.163      | 164,476 | 13.15     | 2.290         | 112,156                                                 | 20.42     | 0.257                  | 11,473  | 22.38     |            |     |           |
| COMP B                                                                                                             | 1.218      | 513,988 | 2.37      |               |                                                         |           |                        |         |           |            |     |           |
| IMX-104                                                                                                            |            |         |           |               |                                                         |           | 1.042                  | 33,096  | 31.49     |            |     |           |
|                                                                                                                    |            |         |           |               |                                                         |           |                        |         |           |            |     |           |
| C869, CTG, 81MM HE WITH PD FUZE                                                                                    |            |         |           |               |                                                         |           |                        |         |           |            |     |           |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 8.785      | 161,490 | 54.40     | 17.543        | 274,537                                                 | 63.90     | 5.492                  | 86,612  | 63.41     |            |     |           |
| PROJ BODY 81MM M889                                                                                                | 8.764      | 167,950 | 52.18     | 15.664        | 285,519                                                 | 54.86     | 5.149                  | 90,076  | 57.16     |            |     |           |
| M935 FUZE                                                                                                          | 4.492      | 88,986  | 50.48     |               |                                                         |           |                        |         |           |            |     |           |
| M935 FUZE                                                                                                          | 4.227      | 77,349  | 54.65     | 15.219        | 282,774                                                 | 53.82     | 4.947                  | 89,210  | 55.45     |            |     |           |
| IGN CTG M299                                                                                                       | 2.689      | 167,950 | 16.01     | 5.051         | 285,519                                                 | 17.69     | 1.660                  | 90,076  | 18.43     |            |     |           |
| PROP CHG M220                                                                                                      | 4.489      | 662,109 | 6.78      | 13.777        | 1,125,602                                               | 12.24     | 4.594                  | 360,304 | 12.75     |            |     |           |
| M24 FIN                                                                                                            | 3.695      | 167,950 | 22.00     | 5.830         | 285,519                                                 | 20.42     | 2.016                  | 90,076  | 22.38     |            |     |           |
| COMP B TYPE I GRADE A(LB)                                                                                          | 1.212      | 524,843 | 2.31      | 12.286        | 892,246                                                 | 13.77     |                        |         |           |            |     |           |
| EXPLOSIVE FILL IMX-104                                                                                             |            |         |           |               |                                                         |           | 8.864                  | 281,487 | 31.49     |            |     |           |
| COMP A-5 CLASS 1(LB)                                                                                               | 0.016      | 5,055   | 3.12      | 0.028         | 8,594                                                   | 3.21      | 0.011                  | 2,711   | 4.01      |            |     |           |
|                                                                                                                    |            |         |           |               |                                                         |           |                        |         |           |            |     |           |
| C870, CTG, 81MM SMOKE RP                                                                                           |            |         |           |               |                                                         |           |                        |         |           |            |     |           |
| LAP, CTG, 81MM, M819                                                                                               |            |         |           | 3.810         | 15,447                                                  | 246.68    |                        |         |           |            |     |           |
| PROP CHG M218                                                                                                      |            |         |           | 0.943         | 64,260                                                  | 14.67     |                        |         |           |            |     |           |
| IGN CTG M752(EA)                                                                                                   |            |         |           | 0.313         | 16,065                                                  | 19.47     |                        |         |           |            |     |           |
| FUZE M772(EA)                                                                                                      |            |         |           | 3.285         | 16,065                                                  | 204.48    |                        |         |           |            |     |           |
| FIN ASSEMBLY M28                                                                                                   |            |         |           | 0.287         | 16,065                                                  | 17.89     |                        |         |           |            |     |           |
| RED PHOSPHORUS FILL                                                                                                |            |         |           | 0.478         | 46,341                                                  | 10.32     |                        |         |           |            |     |           |
| 81MM SMOKE BODY TUBE                                                                                               |            |         |           | 0.600         | 16,065                                                  | 37.33     |                        |         |           |            |     |           |
| 81MM SMOKE TAIL CONE                                                                                               |            |         |           | 0.402         | 16,065                                                  | 25.03     |                        |         |           |            |     |           |
| FIBER CONTAINER, PA162                                                                                             |            |         |           | 0.072         | 16,065                                                  | 4.49      |                        |         |           |            |     |           |
| OVERPACK CONTAINERS, PA157                                                                                         |            |         |           | 0.191         | 5,345                                                   | 35.66     |                        |         |           |            |     |           |
| GAMS                                                                                                               |            |         |           | 0.553         | 32,130                                                  | 17.22     |                        |         |           |            |     |           |
|                                                                                                                    |            |         |           |               |                                                         |           |                        |         |           |            |     |           |
| SUBTOTAL BASELINE                                                                                                  | 97.405     |         |           | 143.212       |                                                         |           | 38.741                 |         |           |            |     |           |

[illegible]

|                                                                                                                    |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
|--------------------------------------------------------------------------------------------------------------------|---------------|-----|--------------|---------------|---------------------------------------------------------|--------------|------------------------|---------|--------------|---------------|-----|--------------|
| Exhibit P-5, Cost Analysis                                                                                         |               |     |              | Weapon System |                                                         |              | Date:<br>FEBRUARY 2010 |         |              |               |     |              |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |     |              | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(109100) 81MM, ALL TYPES |              |                        |         |              |               |     |              |
| WBS COST ELEMENTS                                                                                                  | FY09          |     |              | FY10          |                                                         |              | FY11                   |         |              |               |     |              |
|                                                                                                                    | Total<br>Cost | Qty | Unit<br>Cost | Total<br>Cost | Qty                                                     | Unit<br>Cost | Total<br>Cost          | Qty     | Unit<br>Cost | Total<br>Cost | Qty | Unit<br>Cost |
| FY11 0C0                                                                                                           |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| HARDWARE                                                                                                           |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| C868, CTG, 81MM HE W//M734A1 MOF                                                                                   |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| LAP, CTG, 81MM, M821A2                                                                                             |               |     |              |               |                                                         |              | 0.774                  | 11,952  | 64.78        |               |     |              |
| FUZE, MO, M734A1                                                                                                   |               |     |              |               |                                                         |              | 2.754                  | 12,430  | 221.56       |               |     |              |
| SHELL BODY, 81MM, M821A2                                                                                           |               |     |              |               |                                                         |              | 0.710                  | 12,430  | 57.16        |               |     |              |
| IGNITION CARTRIDGE M752                                                                                            |               |     |              |               |                                                         |              | 0.229                  | 12,430  | 18.43        |               |     |              |
| PROPELLENT CHARGE                                                                                                  |               |     |              |               |                                                         |              | 0.634                  | 49,718  | 12.75        |               |     |              |
| FIN ASSEMBLY                                                                                                       |               |     |              |               |                                                         |              | 0.278                  | 12,430  | 22.38        |               |     |              |
| COMP B                                                                                                             |               |     |              |               |                                                         |              |                        | 0       |              |               |     |              |
| IMX-104                                                                                                            |               |     |              |               |                                                         |              | 1.129                  | 35,855  | 31.49        |               |     |              |
| C869, CTG, 81MM HE WITH PD FUZE                                                                                    |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |               |     |              |               |                                                         |              | 3.366                  | 53,084  | 63.41        |               |     |              |
| M889 PROJ MPTS                                                                                                     |               |     |              |               |                                                         |              | 3.156                  | 55,208  | 57.16        |               |     |              |
| M935 FUZE                                                                                                          |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| M935 FUZE                                                                                                          |               |     |              |               |                                                         |              | 3.032                  | 54,677  | 55.45        |               |     |              |
| IGN CTG M299                                                                                                       |               |     |              |               |                                                         |              | 1.017                  | 55,208  | 18.43        |               |     |              |
| PROP CHG M220                                                                                                      |               |     |              |               |                                                         |              | 2.816                  | 220,832 | 12.75        |               |     |              |
| M24 FIN                                                                                                            |               |     |              |               |                                                         |              | 1.236                  | 55,208  | 22.38        |               |     |              |
| COMP B TYPE I GRADE A(LB)                                                                                          |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| EXPLOSIVE FILL IMX-104                                                                                             |               |     |              |               |                                                         |              | 5.433                  | 172,525 | 31.49        |               |     |              |
| COMP A-5 CLASS 1(LB)                                                                                               |               |     |              |               |                                                         |              | 0.007                  | 1,662   | 4.01         |               |     |              |
|                                                                                                                    |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| PRODUCT                                                                                                            |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| PRODUCTION ENGINEERING                                                                                             |               |     |              |               |                                                         |              | 0.641                  |         |              |               |     |              |
| QUALITY ASSURANCE                                                                                                  |               |     |              |               |                                                         |              | 0.048                  |         |              |               |     |              |
| ACCEPTANCE TESTING                                                                                                 |               |     |              |               |                                                         |              | 0.457                  |         |              |               |     |              |
|                                                                                                                    |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| NONRECURRING                                                                                                       |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| GOVERNMENT FURNISHED MATERIAL                                                                                      |               |     |              |               |                                                         |              | 0.000                  |         |              |               |     |              |
| EPA- COST OF STEEL                                                                                                 |               |     |              |               |                                                         |              | 0.021                  |         |              |               |     |              |
|                                                                                                                    |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| Total FY11 0C0                                                                                                     |               |     |              |               |                                                         |              | 27.738                 |         |              |               |     |              |
|                                                                                                                    |               |     |              |               |                                                         |              |                        |         |              |               |     |              |
| TOTAL                                                                                                              | 94.825        |     |              | 158.347       |                                                         |              | 68.791                 |         |              |               |     |              |
| ACTIVE                                                                                                             | 94.825        |     |              | 158.347       |                                                         |              | 68.791                 |         |              |               |     |              |
| RESERVES                                                                                                           | 0.000         |     |              | 0.000         |                                                         |              | 0.000                  |         |              |               |     |              |

| Exhibit P-5a, Procurement History and Planning                                                                     |         |           |                       |                                                         | Weapon System            |                                     | Date:<br>FEBRUARY 2010 |                        |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|---------|-----------|-----------------------|---------------------------------------------------------|--------------------------|-------------------------------------|------------------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |           |                       | P-1 Line Item Nomenclature:<br>(109100) 81MM, ALL TYPES |                          |                                     |                        |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty     | Unit Cost | Location of PCO       | RFP Issue Date                                          | Contract Method and Type | Contractor and Location             | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| C868, CTG, 81MM HE W//M734A1 MO                                                                                    |         |           |                       |                                                         |                          |                                     |                        |                        |                          |                          |
| LAP, CTG, 81MM, M821A2                                                                                             |         |           |                       |                                                         |                          |                                     |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 77,494  | 54.55     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | GDOTS, CANADA                       | MAR 09                 | MAR 11                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 80,656  | 54.55     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | GDOTS, CANADA                       | MAR 09                 | MAR 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 107,842 | 64.83     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                 | JUL 10                 | JUL 12                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 11,032  | 64.78     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                 | MAR 11                 | MAR 13                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 11,952  | 64.78     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                 | MAR 11                 | MAR 13                 | YES                      |                          |
| FUZE, MO, M734A1                                                                                                   |         |           |                       |                                                         |                          |                                     |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 80,593  | 190.62    | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | L3-KDI, CINNCINATI, OH              | NOV 09                 | JUL 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 83,883  | 190.62    | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | L3-KDI, CINNCINATI, OH              | NOV 09                 | JUL 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 112,156 | 214.20    | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | L3-KDI, CAMDEN, NJ                  | MAR 10                 | NOV 12                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 11,473  | 221.56    | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | L3-KDI, CAMDEN, NJ                  | MAR 11                 | NOV 13                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 12,430  | 221.56    | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | L3-KDI, CAMDEN, NJ                  | MAR 11                 | NOV 13                 | YES                      |                          |
| SHELL BODY, 81MM, M821A2                                                                                           |         |           |                       |                                                         |                          |                                     |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 80,593  | 52.18     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | MEDICO INDUSTRIES, WILKES-BARRE, PA | MAR 09                 | DEC 09                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 83,883  | 52.18     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | MEDICO INDUSTRIES, WILKES-BARRE, PA | MAR 09                 | DEC 09                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 112,156 | 54.86     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                 | MAR 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 11,473  | 57.16     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                 | MAR 11                 | DEC 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 12,430  | 57.16     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                 | MAR 11                 | DEC 11                 | YES                      |                          |
| IGNITION CARTRIDGE M299                                                                                            |         |           |                       |                                                         |                          |                                     |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 80,593  | 16.01     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | POCAL IND, SCRANTON, PA             | MAR 09                 | DEC 09                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 83,883  | 16.01     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | POCAL IND, SCRANTON, PA             | MAR 09                 | DEC 09                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 112,156 | 17.69     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | POCAL IND, SCRANTON, PA             | MAR 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 11,473  | 18.43     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                 | MAR 11                 | DEC 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 12,430  | 18.43     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                 | MAR 11                 | DEC 11                 | YES                      |                          |
| PROPELLENT CHARGE                                                                                                  |         |           |                       |                                                         |                          |                                     |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 322,373 | 6.78      | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | AMERICAN ORDNANCE, MIDDLETOWN, IA   | OCT 09                 | JUL 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 335,531 | 6.78      | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | AMERICAN ORDNANCE, MIDDLETOWN, IA   | OCT 09                 | JUL 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 444,309 | 12.24     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                 | MAR 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 45,894  | 12.75     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | TBD                                 | MAR 11                 | DEC 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 49,718  | 12.75     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | TBD                                 | MAR 11                 | DEC 11                 | YES                      |                          |
| FIN ASSEMBLY                                                                                                       |         |           |                       |                                                         |                          |                                     |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 80,593  | 13.15     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | GAYSTON CORP, SPRINGFIELD, OH       | MAR 09                 | DEC 09                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 83,883  | 13.15     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | GAYSTON CORP, SPRINGFIELD, OH       | MAR 09                 | DEC 09                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 112,156 | 20.42     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | GAYSTON CORP, SPRINGFIELD, OH       | MAR 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 11,473  | 22.38     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | GAYSTON CORP, SPRINGFIELD, OH       | MAR 11                 | DEC 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 12,430  | 22.38     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | GAYSTON CORP, SPRINGFIELD, OH       | MAR 11                 | DEC 11                 | YES                      |                          |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |         |           |                       |                                                         | Weapon System            |                                    | Date:<br>FEBRUARY 2010 |                        |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|---------|-----------|-----------------------|---------------------------------------------------------|--------------------------|------------------------------------|------------------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |           |                       | P-1 Line Item Nomenclature:<br>(109100) 81MM, ALL TYPES |                          |                                    |                        |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty     | Unit Cost | Location of PCO       | RFP Issue Date                                          | Contract Method and Type | Contractor and Location            | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| COMP B                                                                                                             |         |           |                       |                                                         |                          |                                    |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 251,854 | 2.37      | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                      | STOCK ISSUE                        | N/A                    | N/A                    | YES                      |                          |
| FY 2009 OCO                                                                                                        | 262,134 | 2.37      | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                      | STOCK ISSUE                        | N/A                    | N/A                    |                          |                          |
| IMX-104                                                                                                            |         |           |                       |                                                         |                          |                                    |                        |                        |                          |                          |
| FY 2011 Baseline                                                                                                   | 33,096  | 31.49     | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/FP                    | BAE, HOLSTON, TN                   | MAR 11                 | DEC 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 35,855  | 31.49     | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/FP                    | BAE, HOLSTON, TN                   | MAR 11                 | DEC 11                 | YES                      |                          |
| C869, CTG, 81MM HE WITH PD FUZE LOAD, ASSEMBLE & PACK (LAP)                                                        |         |           |                       |                                                         |                          |                                    |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 142,111 | 54.40     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | CANADIAN COMM CORP, ONTARIO, CN    | APR 09                 | DEC 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 19,379  | 54.40     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | CANADIAN COMM CORP, ONTARIO, CN    | APR 09                 | DEC 10                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 129,032 | 63.90     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                     | TBD                                | JUL 10                 | DEC 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 145,505 | 63.90     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                     | TBD                                | JUL 10                 | DEC 11                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 86,612  | 63.41     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | TBD                                | MAR 11                 | DEC 12                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 53,084  | 63.41     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | TBD                                | MAR 11                 | DEC 12                 | YES                      |                          |
| M889 PROJ MPTS                                                                                                     |         |           |                       |                                                         |                          |                                    |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 147,796 | 52.18     | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                     | MEDICO INDUSTRIES, WILKES-BARRE, P | MAR 09                 | OCT 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 20,154  | 52.18     | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                     | MEDICO INDUSTRIES, WILKES-BARRE, P | MAR 09                 | OCT 10                 | YES                      |                          |
| FY 2010 Baseline                                                                                                   | 134,194 | 54.86     | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/FP                     | TBD                                | JUL 10                 | JUL 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 151,325 | 54.86     | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/FP                     | TBD                                | JUL 10                 | JUL 11                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 90,076  | 57.16     | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                     | TBD                                | MAR 11                 | OCT 12                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 55,208  | 57.16     | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                     | TBD                                | MAR 11                 | OCT 12                 | YES                      |                          |
| M935 FUZE                                                                                                          |         |           |                       |                                                         |                          |                                    |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 78,308  | 50.48     | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                      | N/A                                | N/A                    | N/A                    | YES                      |                          |
| FY 2009 OCO                                                                                                        | 10,678  | 50.48     | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                      | N/A                                | N/A                    | N/A                    | YES                      |                          |
| M935 FUZE                                                                                                          |         |           |                       |                                                         |                          |                                    |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 68,067  | 54.65     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | L3-BT FUZE, LANCASTER, PA          | AUG 09                 | MAY 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 9,282   | 54.65     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | L3-BT FUZE, LANCASTER, PA          | AUG 09                 | MAY 10                 | YES                      |                          |
| FY 2010 Baseline                                                                                                   | 132,904 | 53.82     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                     | TBD                                | JUL 10                 | MAY 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 149,870 | 53.82     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                     | TBD                                | JUL 10                 | MAY 11                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 89,210  | 55.45     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | TBD                                | MAR 11                 | MAY 12                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 54,677  | 55.45     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | TBD                                | MAR 11                 | MAY 12                 | YES                      |                          |
| IGN CTG M299                                                                                                       |         |           |                       |                                                         |                          |                                    |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 147,796 | 16.01     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | POCAL INDUSTRIES, SCRANTON, PA     | SEP 09                 | OCT 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 20,154  | 16.01     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | POCAL INDUSTRIES, SCRANTON, PA     | SEP 09                 | OCT 10                 | YES                      |                          |
| FY 2010 Baseline                                                                                                   | 134,194 | 17.69     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | POCAL INDUSTRIES, SCRANTON, PA     | MAR 10                 | JAN 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 151,325 | 17.69     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                     | POCAL INDUSTRIES, SCRANTON, PA     | MAR 10                 | JAN 11                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 90,076  | 18.43     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                     | TBD                                | MAR 11                 | JUN 12                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 55,208  | 18.43     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                     | TBD                                | MAR 11                 | JUN 12                 | YES                      |                          |



| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |         |              |                       |                                                         | Weapon System                  |                                    |               | Date:<br>FEBRUARY 2010       |                                |                                |
|--------------------------------------------------------------------------------------------------------------------|---------|--------------|-----------------------|---------------------------------------------------------|--------------------------------|------------------------------------|---------------|------------------------------|--------------------------------|--------------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |              |                       | P-1 Line Item Nomenclature:<br>(109100) 81MM, ALL TYPES |                                |                                    |               |                              |                                |                                |
|                                                                                                                    | Qty     | Unit<br>Cost | Location of PCO       | RFP<br>Issue<br>Date                                    | Contract<br>Method<br>and Type | Contractor and Location            | Award<br>Date | Date of<br>First<br>Delivery | Tech Data<br>Available<br>Now? | Date<br>Revisions<br>Available |
| WBS COST ELEMENTS                                                                                                  |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
| PROP CHG M220                                                                                                      |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
| FY 2009 Baseline                                                                                                   | 582,656 | 6.78         | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                           | AMERICAN ORDNANCE, MIDDLETOWN, IA  | JUL 09        | JUL 10                       | YES                            |                                |
| FY 2009 OCO                                                                                                        | 79,453  | 6.78         | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                           | AMERICAN ORDNANCE, MIDDLETOWN, IA  | JUL 09        | JUL 10                       | YES                            |                                |
| FY 2010 Baseline                                                                                                   | 529,033 | 12.24        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                           | TBD                                | AUG 10        | JAN 11                       | YES                            |                                |
| FY 2010 OCO                                                                                                        | 596,569 | 12.24        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                           | TBD                                | AUG 10        | JAN 11                       | YES                            |                                |
| FY 2011 Baseline                                                                                                   | 360,304 | 12.75        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                           | TBD                                | MAR 11        | JUN 12                       | YES                            |                                |
| FY 2011 OCO                                                                                                        | 220,832 | 12.75        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/OP                           | TBD                                | MAR 11        | JUN 12                       | YES                            |                                |
| M24 FIN                                                                                                            |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
| FY 2009 Baseline                                                                                                   | 147,796 | 22.00        | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                           | GAYSTON CORP, SPRINGBORO, OH       | AUG 09        | AUG 10                       | YES                            |                                |
| FY 2009 OCO                                                                                                        | 20,154  | 22.00        | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                           | GAYSTON CORP, SPRINGBORO, OH       | AUG 09        | AUG 10                       | YES                            |                                |
| FY 2010 Baseline                                                                                                   | 134,194 | 20.42        | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                           | GAYSTON CORP, SPRINGBORO, OH       | MAR 10        | JAN 11                       | YES                            |                                |
| FY 2010 OCO                                                                                                        | 151,325 | 20.42        | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                           | GAYSTON CORP, SPRINGBORO, OH       | MAR 10        | JAN 11                       | YES                            |                                |
| FY 2011 Baseline                                                                                                   | 90,076  | 22.38        | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                           | GAYSTON CORP, SPRINGBORO, OH       | MAR 11        | JAN 12                       | YES                            |                                |
| FY 2011 OCO                                                                                                        | 55,208  | 22.38        | PICATINNY ARSENAL, NJ | UNKNOWN                                                 | C/OP                           | GAYSTON CORP, SPRINGBORO, OH       | MAR 11        | JAN 12                       | YES                            |                                |
| COMP B TYPE I GRADE A(LB)                                                                                          |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
| FY 2009 Baseline                                                                                                   | 461,862 | 2.31         | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                            | STOCK ISSUE                        | N/A           | N/A                          | YES                            |                                |
| FY 2009 OCO                                                                                                        | 62,981  | 2.31         | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                            | STOCK ISSUE                        | N/A           | N/A                          | YES                            |                                |
| FY 2010 Baseline                                                                                                   | 419,356 | 13.77        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                           | TBD                                | JUL 10        | OCT 10                       | YES                            |                                |
| FY 2010 OCO                                                                                                        | 472,890 | 13.77        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                           | TBD                                | JUL 10        | OCT 10                       | YES                            |                                |
| EXPLOSIVE FILL IMX-104                                                                                             |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
| FY 2011 Baseline                                                                                                   | 281,487 | 31.49        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                           | TBD                                | MAR 11        | OCT 11                       | YES                            |                                |
| FY 2011 OCO                                                                                                        | 172,525 | 31.49        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                 | C/FP                           | TBD                                | MAR 11        | OCT 11                       | YES                            |                                |
| *COMP A-5 CLASS 1(LB)                                                                                              |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
| FY 2009 Baseline                                                                                                   | 4,448   | 3.12         | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                            | STOCK ISSUE                        | N/A           | N/A                          | YES                            |                                |
| FY 2009 OCO                                                                                                        | 607     | 3.12         | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                            | STOCK ISSUE                        | N/A           | N/A                          | YES                            |                                |
| FY 2010 Baseline                                                                                                   | 4,039   | 3.21         | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                            | STOCK ISSUE                        | N/A           | N/A                          | YES                            |                                |
| FY 2010 OCO                                                                                                        | 4,555   | 3.21         | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                            | STOCK ISSUE                        | N/A           | N/A                          | YES                            |                                |
| FY 2011 Baseline                                                                                                   | 2,711   | 4.01         | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                            | STOCK ISSUE                        | N/A           | N/A                          | YES                            |                                |
| FY 2011 OCO                                                                                                        | 1,662   | 4.01         | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                            | STOCK ISSUE                        | N/A           | N/A                          | YES                            |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
| C870, CTG, 81MM SMOKE RP                                                                                           |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
| LAP, CTG, 81MM, M819                                                                                               |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
| FY 2010 Baseline                                                                                                   | 11,894  | 246.68       | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/FP                          | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 10        | SEP 11                       | YES                            |                                |
| FY 2010 OCO                                                                                                        | 3,553   | 246.68       | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/FP                          | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 10        | SEP 11                       | YES                            |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |
|                                                                                                                    |         |              |                       |                                                         |                                |                                    |               |                              |                                |                                |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |        |           |                       |                                                         | Weapon System            |                                    |            | Date:<br>FEBRUARY 2010 |                          |                          |  |
|--------------------------------------------------------------------------------------------------------------------|--------|-----------|-----------------------|---------------------------------------------------------|--------------------------|------------------------------------|------------|------------------------|--------------------------|--------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |           |                       | P-1 Line Item Nomenclature:<br>(109100) 81MM, ALL TYPES |                          |                                    |            |                        |                          |                          |  |
| WBS COST ELEMENTS                                                                                                  | Qty    | Unit Cost | Location of PCO       | RFP Issue Date                                          | Contract Method and Type | Contractor and Location            | Award Date | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |  |
| PROP CHG M218                                                                                                      |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 49,480 | 14.67     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | AMERICAN ORDNAMCE, MIDDLETOWN, IA  | MAR 10     | JUN 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 14,780 | 14.67     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | AMERICAN ORDNAMCE, MIDDLETOWN, IA  | MAR 10     | JUN 11                 | YES                      |                          |  |
| IGN CTG M752                                                                                                       |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 12,370 | 19.47     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | POCAL IND, SCRANTON, PA            | MAR 10     | DEC 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 3,695  | 19.47     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | POCAL IND, SCRANTON, PA            | MAR 10     | DEC 11                 | YES                      |                          |  |
| FUZE M722                                                                                                          |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 12,370 | 204.48    | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                | MAR 10     | JUN 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 3,695  | 204.48    | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                | MAR 10     | JUN 11                 | YES                      |                          |  |
| FIN ASSEMBLY M28                                                                                                   |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 12,370 | 17.89     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | GAYSTON CORP, SPRINGBORO, OH       | MAR 10     | MAY 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 3,695  | 17.89     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | GAYSTON CORP, SPRINGBORO, OH       | MAR 10     | MAY 11                 | YES                      |                          |  |
| RED PHOSPHORUS FILL                                                                                                |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 35,683 | 10.32     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                | MAR 10     | JUN 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 10,658 | 10.32     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                | MAR 10     | JUN 11                 | YES                      |                          |  |
| BODY TUBE                                                                                                          |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 12,370 | 37.33     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                | JUN 10     | JUL 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 3,695  | 37.33     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                                | JUN 10     | JUL 11                 | YES                      |                          |  |
| TAIL CONE                                                                                                          |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 12,370 | 25.03     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                | JUN 10     | JUL 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 3,695  | 25.03     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                | JUN 10     | JUL 11                 | YES                      |                          |  |
| FIBER CONTAINER, PA162                                                                                             |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 12,370 | 4.49      | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                | JUN 10     | JUL 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 3,695  | 4.49      | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                | JUN 10     | JUL 11                 | YES                      |                          |  |
| OVERPACK CONTAINERS, PA157                                                                                         |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 4,116  | 35.66     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                | JUN 10     | JUL 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 1,229  | 35.66     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                                | JUN 10     | JUL 11                 | YES                      |                          |  |
| GAMS                                                                                                               |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 24,740 | 17.22     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | DESIGN WEST ARATECH, TUSTIN, CA    | MAR 10     | OCT 10                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 7,390  | 17.22     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | DESIGN WEST ARATECH, TUSTIN, CA    | MAR 10     | OCT 10                 | YES                      |                          |  |
| C871, CTG, 81MM ILLUM                                                                                              |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 5,042  | 147.58    | JMC, ROCK ISLAND, IL  | OCT 06                                                  | SS/FP                    | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 10     | SEP 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 5,463  | 147.58    | JMC, ROCK ISLAND, IL  | OCT 06                                                  | SS/FP                    | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 10     | SEP 11                 | YES                      |                          |  |
| PROPELLANT CHARGE M219                                                                                             |        |           |                       |                                                         |                          |                                    |            |                        |                          |                          |  |
| FY 2010 Baseline                                                                                                   | 20,926 | 12.45     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | AMERICAN ORDNANCE, MIDDLETOWN, IA  | MAR 10     | JUL 11                 | YES                      |                          |  |
| FY 2010 OCO                                                                                                        | 22,670 | 12.45     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | AMERICAN ORDNANCE, MIDDLETOWN, IA  | MAR 10     | JUL 11                 | YES                      |                          |  |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |        |           |                       |                                                         | Weapon System            |                                | Date:<br>FEBRUARY 2010 |                        |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|--------|-----------|-----------------------|---------------------------------------------------------|--------------------------|--------------------------------|------------------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |           |                       | P-1 Line Item Nomenclature:<br>(109100) 81MM, ALL TYPES |                          |                                |                        |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty    | Unit Cost | Location of PCO       | RFP Issue Date                                          | Contract Method and Type | Contractor and Location        | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| IGNITION CARTRIDGE M752                                                                                            |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5,244  | 19.47     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | POCAL INDUSTRIES, SCRANTON, PA | MAR 10                 | DEC 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 5,682  | 19.47     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/OP                     | POCAL INDUSTRIES, SCRANTON, PA | MAR 10                 | DEC 10                 | YES                      |                          |
| M9 FLAKE .010 (LB)                                                                                                 |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 118    | 85.37     | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                      | STOCK ISSUE                    | N/A                    | N/A                    | YES                      |                          |
| FY 2010 OCO                                                                                                        | 127    | 85.37     | JMC, ROCK ISLAND, IL  | N/A                                                     | N/A                      | STOCK ISSUE                    | N/A                    | N/A                    | YES                      |                          |
| FUZE MTSQ M772                                                                                                     |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5,244  | 204.48    | JMC, ROCK ISLAND, IL  | SEP 06                                                  | C/FP                     | TBD                            | MAR 10                 | JUN 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 5,682  | 204.48    | JMC, ROCK ISLAND, IL  | SEP 06                                                  | C/FP                     | TBD                            | MAR 10                 | JUN 11                 | YES                      |                          |
| M29 FIN F/81MM                                                                                                     |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5,244  | 25.50     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | GAYSTON COPR, SPRINGBORO, IN   | MAR 10                 | MAY 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 5,682  | 25.50     | PICATINNY ARSENAL, NJ | UNK                                                     | C/OP                     | GAYSTON COPR, SPRINGBORO, IN   | MAR 10                 | MAY 11                 | YES                      |                          |
| ILLUMINANT CANISTER                                                                                                |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5,244  | 147.58    | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/FP                    | CRANE AAA, CRANE, IN           | MAR 10                 | JUL 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 5,682  | 147.58    | JMC, ROCK ISLAND, IL  | UNK                                                     | SS/FP                    | CRANE AAA, CRANE, IN           | MAR 10                 | JUL 11                 | YES                      |                          |
| PARACHUTE ASSEMBLY                                                                                                 |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5,244  | 29.65     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | JUL 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 5,682  | 29.65     | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | JUL 11                 | YES                      |                          |
| BODY TUBES                                                                                                         |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5,244  | 27.46     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | OCT 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 5,682  | 27.46     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | OCT 10                 | YES                      |                          |
| TAIL CONES                                                                                                         |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5,567  | 14.53     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | OCT 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 6,031  | 14.53     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | OCT 10                 | YES                      |                          |
| FIBER CONTAINER                                                                                                    |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5,244  | 4.49      | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | AUG 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 5,682  | 4.49      | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | AUG 11                 | YES                      |                          |
| CONTAINER PA157                                                                                                    |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 1,747  | 35.66     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | AUG 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 1,893  | 35.66     | PICATINNY ARSENAL, NJ | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | AUG 11                 | YES                      |                          |
| SPLIT SLEEVE                                                                                                       |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 10,488 | 2.17      | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | AUG 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 11,363 | 2.17      | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | AUG 11                 | YES                      |                          |
| DROGUE PLATE                                                                                                       |        |           |                       |                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5,244  | 1.96      | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | AUG 11                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 5,682  | 1.96      | JMC, ROCK ISLAND, IL  | UNK                                                     | C/FP                     | TBD                            | JUN 10                 | AUG 11                 | YES                      |                          |







|                                              |                        |
|----------------------------------------------|------------------------|
| Exhibit P-21, Production Schedule, Continued | Date:<br>FEBRUARY 2010 |
|----------------------------------------------|------------------------|

Date:  
FEBRUARY 2010

|        |        |
|--------|--------|
| Weapon | System |
|--------|--------|

|                                                   |
|---------------------------------------------------|
| P-1 Line Item Nomenclature:                       |
| (109100) DODIC: C869, CTG, 81MM HE WITH MOFM FUZE |

[illegible]

|  |                  |                  |
|--|------------------|------------------|
|  | Fiscal Year 2012 | Fiscal Year 2013 |
|--|------------------|------------------|

|  | Calendar Year 2012 | Calendar Year 2013 |
|--|--------------------|--------------------|
|--|--------------------|--------------------|

[illegible]

|  | Fiscal Year 2014 | Fiscal Year 2015 |
|--|------------------|------------------|
|--|------------------|------------------|

|  | Calendar Year 2014 | Calendar Year 2015 |
|--|--------------------|--------------------|
|--|--------------------|--------------------|

[illegible]

REMARKS: THIS DOES NOT REFLECT THE ARMY 'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES CONTRACTOR'S PRODUCTION RATES ARE IN "000S".

|                                                                                                                    |            |         |         |                                |                |                                                     |         |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|----------------|-----------------------------------------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                     |            |         |         |                                |                |                                                     |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |         |                                |                | P-1 Item Nomenclature:<br>(112100) 120MM, ALL TYPES |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                  |            |         |         | Other Related Program Elements |                |                                                     |         |                        |         |         |                |                  |
|                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011 | Total<br>FY 2011                                    | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                           |            |         |         |                                |                |                                                     |         |                        |         |         |                |                  |
| Gross Cost                                                                                                         | A          | 118.810 | 91.753  | 6.458                          | 96.895         | 103.353                                             | 11.427  | 9.751                  | 10.076  | 16.453  |                | 361.623          |
|                                                                                                                    |            |         |         |                                |                |                                                     |         |                        |         |         |                |                  |
| Reserves                                                                                                           |            | 0.000   | 0.000   | 0.000                          | 0.000          | 0.000                                               | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |

**Base Appropriation Request:**

The Cartridge, 120mm Target Practice Cone Stabilized Discarding Sabot with Tracer (TPCSDS-T) M865 (DODIC C785) is a kinetic energy, target practice round for use with the 120mm smooth bore M256 Cannon. It is designed to simulate the service round characteristics at reduced maximum ranges to allow the practice firings on short range proving grounds and training areas.

The XM1002 Target Practice Multi-Purpose Cartridge with Tracer (TPMP-T) DODIC CA31, 120mm Cartridge is a Training Cartridge for the tactical M830A1 HEAT-MP-T Cartridge.

The M1101 High Explosive (HE) Cartridge with Electronic Time (ET) Fuze DODIC CA45 is designed for use with the EFSS 120mm Mortar System. The round is used against personnel and materiel providing both fragmentation and blast effect. It consists of a ET fuze, tail charge assembly, and projectile body with PBX-128 explosive fill. The M1101 uses the M767A1 ET fuze.

The CMPH, Multi-Purpose High Explosive (MPHE) is used in the 120mm smooth bore M256 cannon aboard the M1A1 Main Battle Tank. The MPHE cartridge is a tank round used with three modes of operation; Point Detonating, Delay, and Air Burst.

Expeditionary Fire Support System (EFSS) will be a family of 120MM that will include Illumination, HE, and White Phosphorus munitions. The EFSS will provide all-weather, ground-based, close supporting, accurate, immediately responsive, and lethal indirect fire support for the Marine Air-Ground Task Force (MAGTF). EFSS will be the principal indirect fire support weapon for Marine Expeditionary Units and vertical assault elements of a Ship-To-Objective Maneuver force. EFSS will be capable of successfully engaging a spectrum of potential point and area targets, including motorized, light armored, and dismounted personnel targets, command and control systems, and indirect fire systems.

**FY11 Overseas Contingency Operations Request (OCO):**

DODIC CA31, \$14.254. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munition Requirement (WRMR) and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

DODIC EFSS, \$82.641. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.



|                                                                                                                    |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|------------|--------|---------------|---------------|----------------------------------------------------------|------------------------|------------|--------|-----------|--|--|--|
| Exhibit P-5, Cost Analysis                                                                                         |            |        | Weapon System |               |                                                          | Date:<br>FEBRUARY 2010 |            |        |           |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |        |               | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(112100) 120MM, ALL TYPES |                        |            |        |           |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09       |        |               | FY10          |                                                          |                        | FY11       |        |           |  |  |  |
|                                                                                                                    | Total Cost | Qty    | Unit Cost     | Total Cost    | Qty                                                      | Unit Cost              | Total Cost | Qty    | Unit Cost |  |  |  |
| BASELINE                                                                                                           |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| HARDWARE                                                                                                           |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| C785, CTG, 120MM TPCSDS-T M865                                                                                     |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| COMPLETE ROUND M865                                                                                                | 5.133      | 5,893  | 871.01        | 34.877        | 38,940                                                   | 895.65                 |            |        |           |  |  |  |
|                                                                                                                    |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| CA31, CTG, 120MM TPMP-T M1002                                                                                      |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| COMPLETE ROUND                                                                                                     | 5.561      | 3,508  | 1585.30       | 34.139        | 22,255                                                   | 1533.97                | 5.766      | 3,544  | 1626.99   |  |  |  |
|                                                                                                                    |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| CMPH, CTG, 120MM MP-HE                                                                                             |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| COMPLETE ROUND M865                                                                                                | 15.055     | 1,562  | 9,638.20      |               |                                                          |                        |            |        |           |  |  |  |
|                                                                                                                    |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)                                                                     |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| AMMUNITION UNDER DEVELOPMENT                                                                                       | 87.460     | 19,263 | 4540.33       | 21.877        | 4,669                                                    | 4685.62                |            |        |           |  |  |  |
| Subtotal Baseline                                                                                                  | 113.209    |        |               | 90.893        |                                                          |                        | 5.766      |        |           |  |  |  |
|                                                                                                                    |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| FY11 OCO                                                                                                           |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| CA31, CTG, 120MM TPMP-T M1002                                                                                      |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| COMPLETE ROUND                                                                                                     |            |        |               |               |                                                          |                        | 14.252     | 8,760  | 1626.99   |  |  |  |
| PRODUCTION ENGINEERING                                                                                             |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
|                                                                                                                    |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)                                                                     |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| AMMUNITION UNDER DEVELOPMENT                                                                                       |            |        |               |               |                                                          |                        | 82.639     | 17,123 | 4826.18   |  |  |  |
| Subtotal FY11 OCO                                                                                                  |            |        |               |               |                                                          |                        | 96.891     |        |           |  |  |  |
|                                                                                                                    |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| PRODUCT                                                                                                            |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| ACCEPTANCE TESTING                                                                                                 | 0.264      |        |               | 0.110         |                                                          |                        | 0.26       |        |           |  |  |  |
| PRODUCTION ENGINEERING                                                                                             | 2.297      |        |               | 0.746         |                                                          |                        | 0.427      |        |           |  |  |  |
| QUALITY ASSURANCE                                                                                                  | 0.105      |        |               | 0.004         |                                                          |                        | 0.009      |        |           |  |  |  |
|                                                                                                                    |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| NONRECURRING                                                                                                       |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| CONTAINER EFFORT                                                                                                   |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| ENGINEERING STUDY                                                                                                  | 2.935      |        |               |               |                                                          |                        |            |        |           |  |  |  |
| FORCE PROTECTION                                                                                                   |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
|                                                                                                                    |            |        |               |               |                                                          |                        |            |        |           |  |  |  |
| TOTAL                                                                                                              | 118.810    |        |               | 91.753        |                                                          |                        | 103.353    |        |           |  |  |  |
| ACTIVE                                                                                                             | 118.810    |        |               | 91.753        |                                                          |                        | 103.353    |        |           |  |  |  |
| RESERVE                                                                                                            | 0.000      |        |               | 0.000         |                                                          |                        | 0.000      |        |           |  |  |  |

| Exhibit P-5a, Procurement History and Planning                                                                     |        |           |                      |                                                          | Weapon System            |                                     |            | Date:<br>FEBRUARY 2010 |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|--------|-----------|----------------------|----------------------------------------------------------|--------------------------|-------------------------------------|------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |           |                      | P-1 Line Item Nomenclature:<br>(112100) 120MM, ALL TYPES |                          |                                     |            |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty    | Unit Cost | Location of PCO      | RFP Issue Date                                           | Contract Method and Type | Contractor and Location             | Award Date | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| C785, CTG, 120MM TPCSDS-T M865                                                                                     |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| COMPLETE ROUND M865                                                                                                |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| PY with undelivered assets                                                                                         |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| FY 2009 Base                                                                                                       | 2,946  | 871.01    | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-2/FP                 | GENERAL DYNAMICS, ST PETERSBURG, FL | FEB 09     | JAN 10                 |                          |                          |
| FY 2009 Base                                                                                                       | 2,947  | 871.01    | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-2/FP                 | ALLIANT TECH SYS INC, PLYMOUTH, MN  | DEC 08     | NOV 09                 |                          |                          |
| FY 2010 Base                                                                                                       | 17,441 | 895.65    | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-3/FP                 | GENERAL DYNAMICS, ST PETERSBURG, FL | JAN 10     | DEC 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 2,029  | 895.65    | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-3/FP                 | GENERAL DYNAMICS, ST PETERSBURG, FL | JAN 10     | DEC 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 17,441 | 895.65    | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-3/FP                 | ALLIANT TECH SYS INC, PLYMOUTH, MN  | JAN 10     | DEC 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 2,029  | 895.65    | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-3/FP                 | ALLIANT TECH SYS INC, PLYMOUTH, MN  | JAN 10     | DEC 10                 | YES                      |                          |
|                                                                                                                    |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| CA31, CTG, 120MM TPMP-T M1002                                                                                      |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| COMPLETE ROUND M1002                                                                                               |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| PY with undelivered assets                                                                                         |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| FY 2009 Base                                                                                                       | 404    | 1585.30   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-2/FP                 | GENERAL DYNAMICS, ST PETERSBURG, FL | FEB 09     | JAN 10                 |                          |                          |
| FY 2009 OCO                                                                                                        | 404    | 1585.30   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-2/FP                 | GENERAL DYNAMICS, ST PETERSBURG, FL | FEB 09     | JAN 10                 |                          |                          |
| FY 2009 Base                                                                                                       | 1,488  | 1585.30   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-2/FP                 | ALLIANT TECH SYS INC, PLYMOUTH, MN  | DEC 08     | NOV 09                 |                          |                          |
| FY 2009 OCO                                                                                                        | 1,212  | 1585.30   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-2/FP                 | ALLIANT TECH SYS INC, PLYMOUTH, MN  | DEC 08     | NOV 09                 |                          |                          |
| FY 2010 Base                                                                                                       | 2,320  | 1533.97   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-3/FP                 | GENERAL DYNAMICS, ST PETERSBURG, FL | JAN 10     | DEC 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 8,807  | 1533.97   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-3/FP                 | GENERAL DYNAMICS, ST PETERSBURG, FL | JAN 10     | DEC 10                 | YES                      |                          |
| FY 2010 Base                                                                                                       | 2,320  | 1533.97   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-3/FP                 | ALLIANT TECH SYS INC, PLYMOUTH, MN  | JAN 10     | DEC 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 8,808  | 1533.97   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-3/FP                 | ALLIANT TECH SYS INC, PLYMOUTH, MN  | JAN 10     | DEC 10                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 1,772  | 1626.99   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-4/FP                 | GENERAL DYNAMICS, ST PETERSBURG, FL | JAN 11     | DEC 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 4,380  | 1626.99   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-4/FP                 | GENERAL DYNAMICS, ST PETERSBURG, FL | JAN 11     | DEC 11                 | YES                      |                          |
| FY 2011 Base                                                                                                       | 1,772  | 1626.99   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-4/FP                 | ALLIANT TECH SYS INC, PLYMOUTH, MN  | JAN 11     | DEC 11                 | YES                      |                          |
| FY 2011 OCO                                                                                                        | 4,380  | 1626.99   | JMC, ROCK ISLAND, IL | UNKNOWN                                                  | SSM-4/FP                 | ALLIANT TECH SYS INC, PLYMOUTH, MN  | JAN 11     | DEC 11                 | YES                      |                          |
|                                                                                                                    |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| CMPH, CTG, 120MM MP-HE                                                                                             |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| COMPLETE ROUND M865                                                                                                |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 1,562  | 9,638.20  | TBD                  | UNKNOWN                                                  | TBD                      | TBD                                 | TBD        | TBD                    | NO                       |                          |
|                                                                                                                    |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
|                                                                                                                    |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| EFSS, EXPEDITIONARY FIRE SUPPORT S                                                                                 |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
| FY 2009 Base                                                                                                       | 15,671 | 4540.33   | TBD                  | UNKNOWN                                                  | TBD                      | TBD                                 | MAR 10     | TBD                    | NO                       |                          |
| FY 2009 OCO                                                                                                        | 3,592  | 4540.33   | TBD                  | UNKNOWN                                                  | TBD                      | TBD                                 | MAR 10     | TBD                    | NO                       |                          |
| FY 2010 Base                                                                                                       | 3,816  | 4685.62   | TBD                  | UNKNOWN                                                  | TBD                      | TBD                                 | MAR 10     | TBD                    | NO                       |                          |
| FY 2010 OCO                                                                                                        | 853    | 4685.62   | TBD                  | UNKNOWN                                                  | TBD                      | TBD                                 | MAR 10     | TBD                    | NO                       |                          |
| FY 2011 OCO                                                                                                        | 17,123 | 4826.18   | TBD                  | UNKNOWN                                                  | TBD                      | TBD                                 | TBD        | TBD                    | NO                       |                          |
|                                                                                                                    |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |
|                                                                                                                    |        |           |                      |                                                          |                          |                                     |            |                        |                          |                          |





|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-----------------------|------------------------|--------------------|--------------------|-------------|--------------------|-------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|--|--|
| <b>Exhibit P-21, Production Schedule</b>                                                                           |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       | Date:<br>FEBRUARY 2010 |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       | Weapon<br>System       |                    |                    |             |                    | P-1 Line Item Nomenclature:<br>(112100) DODIC: C785, CTG, 120MM TPCSDS-T M865 |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       | PRODUCTION RATE        |                    |                    |             |                    | PROCUREMENT LEADTIMES                                                         |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
| Item                                                                                                               | Manufacturer's Name<br>and Location     |             |             |             |             |             |             |             |             |             | MSR                | ECON        | MAX         | ALT Prior<br>to Oct 1 | ALT After<br>Oct 1     | Initial<br>Mfg PLT | Reorder<br>Mfg PLT | Total       | Unit of<br>Measure |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
| C785                                                                                                               | 1 GENERAL DYNAMICS, ST. PETERSBURG, FL, |             |             |             |             |             |             |             |             |             | 0.5                | 11.2        | 33.6        | 6                     | 4                      | 11                 | 11                 | 15          | K                  |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    | 2 ALLIANT TECH SYS INC, PLYMOUTH, MN    |             |             |             |             |             |             |             |             |             | 0.5                | 11.2        | 33.6        | 6                     | 4                      | 11                 | 11                 | 15          | K                  |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
| Fiscal Year 2009                                                                                                   |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       | Fiscal Year 2010       |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
| Calendar Year 2009                                                                                                 |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       | Calendar Year 2010     |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
| Item                                                                                                               | F<br>Y                                  | S<br>V<br>C | Q<br>T<br>Y | D<br>E<br>L | B<br>A<br>L | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R        | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N           | J<br>U<br>L            | A<br>U<br>G        | S<br>E<br>P        | O<br>C<br>T | N<br>O<br>V        | D<br>E<br>C                                                                   | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |  |  |  |  |
| C785                                                                                                               | PY                                      | MC          | 22.2        | 21.53       | 0.67        |             |             | 0.67        |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             | 0           |  |  |  |  |
|                                                                                                                    | 2009                                    | MC1         | 2.95        | 0           | 2.95        |             |             |             |             | A           |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               | 0.24        | 0.24        | 0.24        | 0.24        | 0.24        | 0.25        | 0.25        | 0.25        | 0.25        | 0.75        |  |  |  |  |
|                                                                                                                    | 2009                                    | MC2         | 2.95        | 0           | 2.95        |             |             | A           |             |             |                    |             |             |                       |                        |                    |                    | 0.24        | 0.24               | 0.24                                                                          | 0.24        | 0.24        | 0.25        | 0.25        | 0.25        | 0.25        | 0.25        | 0.25        | 0.25        |             |  |  |  |  |
|                                                                                                                    | 2010                                    | MC1         | 19.47       | 0           | 19.47       |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               | A           |             |             |             |             |             |             |             | 19.47       |             |  |  |  |  |
|                                                                                                                    | 2010                                    | MC2         | 19.47       | 0           | 19.47       |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               | A           |             |             |             |             |             |             |             | 19.47       |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
| Fiscal Year 2011                                                                                                   |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       | Fiscal Year 2012       |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
| Item                                                                                                               | Calendar Year 2011                      |             |             |             |             |             |             |             |             |             | Calendar Year 2012 |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    | F<br>Y                                  | S<br>V<br>C | Q<br>T<br>Y | D<br>E<br>L | B<br>A<br>L | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R        | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N           | J<br>U<br>L            | A<br>U<br>G        | S<br>E<br>P        | O<br>C<br>T | N<br>O<br>V        | D<br>E<br>C                                                                   | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |  |  |  |  |
| C785                                                                                                               | 2009                                    | MC1         | 2.95        | 2.20        | 0.75        | 0.25        | 0.25        | 0.25        |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             | 0           |  |  |  |  |
|                                                                                                                    | 2009                                    | MC2         | 2.95        | 2.70        | 0.25        | 0.25        |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             | 0           |  |  |  |  |
|                                                                                                                    | 2010                                    | MC1         | 19.47       | 0           | 19.47       |             |             | 1.62        | 1.62        | 1.62        | 1.62               | 1.62        | 1.62        | 1.62                  | 1.62                   | 1.62               | 1.63               | 1.63        | 1.63               |                                                                               |             |             |             |             |             |             |             |             |             | 0           |  |  |  |  |
|                                                                                                                    | 2010                                    | MC2         | 19.47       | 0           | 19.47       |             |             | 1.62        | 1.62        | 1.62        | 1.62               | 1.62        | 1.62        | 1.62                  | 1.62                   | 1.62               | 1.63               | 1.63        | 1.63               |                                                                               |             |             |             |             |             |             |             |             |             | 0           |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
|                                                                                                                    |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |
| REMARKS:                                                                                                           |                                         |             |             |             |             |             |             |             |             |             |                    |             |             |                       |                        |                    |                    |             |                    |                                                                               |             |             |             |             |             |             |             |             |             |             |  |  |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |         |         |                                |            |                                                    |            |                        |         |         |         |         |                |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|------------|----------------------------------------------------|------------|------------------------|---------|---------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |         |         |                                |            |                                                    |            | Date:<br>FEBRUARY 2010 |         |         |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |         |         |                                |            | P-1 Item Nomenclature:<br>(138800) 25MM, ALL TYPES |            |                        |         |         |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |         |         | Other Related Program Elements |            |                                                    |            |                        |         |         |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ID<br>Code | FY 2009 | FY 2010 | Base<br>2011                   | FY<br>2011 | OCO<br>2011                                        | FY<br>2011 | Total<br>FY 2011       | FY 2012 | FY 2013 | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |         |         |                                |            |                                                    |            |                        |         |         |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A          | 2.267   | 2.815   | 2.937                          |            | 0.990                                              |            | 3.927                  | 3.905   | 12.347  | 5.125   | 5.217   |                | 35.603           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |         |         |                                |            |                                                    |            |                        |         |         |         |         |                |                  |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A          | 0.000   | 0.000   | 0.000                          |            | 0.000                                              |            | 0.000                  | 0.000   | 0.000   | 0.000   | 0.000   |                | 0.000            |
| <p><b>Base Appropriation Request:</b><br/> The Cartridge, 25mm Target Practice Discarding Sabot with Tracer (TPDS-T) M910 Linked (DODIC A940) is fired from the M242 Automatic Cannon. This cartridge is a fixed type, percussion primer 25mm ammunition intended as a training substitute for armor piercing service ammunition.</p> <p>The Cartridge, 25mm Target Practice-Tracer (TP-T) M793 Linked (DODIC A976) is a target practice cartridge used in training, gun testing, and gun system functioning for the M242 25mm Automatic Cannon. The M793 is a fixed type, percussion primed 25mm projectile, and is intended as a substitute for the 25mm tactical round cartridge.</p> |            |         |         |                                |            |                                                    |            |                        |         |         |         |         |                |                  |
| <p><b>FY11 Overseas Contingency Operations Request (OCO):</b><br/> DODIC A940, \$0.990. Lack of funding to replace combat expenditures will further erode the USMC's War Reserve Munitions Requirement stockpile and negatively affect our ability to execute another MCO, if required.</p>                                                                                                                                                                                                                                                                                                                                                                                              |            |         |         |                                |            |                                                    |            |                        |         |         |         |         |                |                  |

|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|--------------------------------------------------------------------------------------------------------------------|------------|--------|---------------|---------------------------------------------------------|--------|------------------------|------------|--------|-----------|------------|-----|-----------|
| Exhibit P-5, Cost Analysis                                                                                         |            |        | Weapon System |                                                         |        | Date:<br>FEBRUARY 2010 |            |        |           |            |     |           |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |        | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(138800) 25MM, ALL TYPES |        |                        |            |        |           |            |     |           |
| WBS COST ELEMENTS                                                                                                  | FY09       |        |               | FY10                                                    |        |                        | FY11       |        |           |            |     |           |
|                                                                                                                    | Total Cost | Qty    | Unit Cost     | Total Cost                                              | Qty    | Unit Cost              | Total Cost | Qty    | Unit Cost | Total Cost | Qty | Unit Cost |
| BASELINE                                                                                                           |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| HARDWARE                                                                                                           |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| A940, CTG, 25MM TPDS-T LINKED                                                                                      |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 1.649      | 78,748 | 20.94         | 1.899                                                   | 81,036 | 23.43                  | 1.708      | 58,824 | 29.04     |            |     |           |
| CONTAINER, PA125                                                                                                   | 0.124      | 2,698  | 46.00         | 0.137                                                   | 2,777  | 49.38                  | 0.101      | 2,016  | 50.34     |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| A976, CTG, 25MM TP-T LINKED                                                                                        |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 0.173      | 11,120 | 15.59         | 0.655                                                   | 37,393 | 17.52                  | 0.848      | 37,877 | 22.40     |            |     |           |
| CONTAINER, PA125                                                                                                   | 0.018      | 381    | 47.17         | 0.063                                                   | 1,282  | 49.38                  | 0.065      | 1,298  | 50.34     |            |     |           |
| Subtotal Baseline                                                                                                  | 1.964      |        |               | 2.754                                                   |        |                        | 2.722      |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| FY11 OCO                                                                                                           |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| HARDWARE                                                                                                           |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| A940, CTG, 25MM TPDS-T LINKED                                                                                      |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |            |        |               |                                                         |        |                        | 0.880      | 30,304 | 29.04     |            |     |           |
| CONTAINER, PA125                                                                                                   |            |        |               |                                                         |        |                        | 0.052      | 1,038  | 50.34     |            |     |           |
| Subtotal FY11 OCO                                                                                                  | 0.000      |        |               | 0.000                                                   |        |                        | 0.932      |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| PRODUCT                                                                                                            |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
| PRODUCTION ENGINEERING                                                                                             | 0.251      |        |               | 0.059                                                   |        |                        | 0.091      |        |           |            |     |           |
| QUALITY ASSURANCE                                                                                                  | 0.002      |        |               | 0.002                                                   |        |                        | 0.002      |        |           |            |     |           |
| ACCEPTANCE TESTING                                                                                                 | 0.050      |        |               | 0.000                                                   |        |                        | 0.180      |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        |           |            |     |           |
|                                                                                                                    |            |        |               |                                                         |        |                        |            |        | </        |            |     |           |

Exhibit P-5a  
Procurement History and Planning



|                                                                                                                    |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------------------------------|----------------|------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                     |            |         |         |                                                        |                |                  |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |         | P-1 Item Nomenclature:<br>(146800) GRENADES, ALL TYPES |                |                  |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                  |            |         |         | Other Related Program Elements                         |                |                  |         |                        |         |         |                |                  |
|                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                                        | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                           |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |
| Gross Cost                                                                                                         | A          | 52.172  | 16.735  | 9.298                                                  | 6.137          | 15.435           | 13.505  | 13.821                 | 14.068  | 14.321  |                | 140.057          |
|                                                                                                                    |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |
| Reserves                                                                                                           | A          | 0.000   | 0.000   | 0.000                                                  | 0.000          | 0.000            | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |

**Base Appropriation Request:**

The Fuze, Hand Grenade Practice, w/ Conf Clip, M228 (DODIC G878) is a pyrotechnic delay-igniting fuze. The fuze is used with the Grenade, Hand Practice M69 (DODIC G811). The fuze contains a primer and a pyrotechnic delay column.

The Grenade, Hand Fragmentation w/ Conf Clip, M67 (DODIC G881) is used to supplement small arms fire against the enemy in close combat. The grenade produces casualties by high velocity projection of fragments in a uniform distribution pattern. The grenade body contains 6.5 ounces of Composition B high explosive. This grenade is fuze with the M213 Pyrotechnic Delay-detonating fuze.

The Grenade, Hand Incendiary Thermite (TH-3) AN-M14 (DODIC G900) is used to provide a source of intense heat to destroy equipment. This incendiary hand grenade generates heat up to 4000° F. The grenade filler will burn for 30 to 45 seconds. It is filled with an incendiary mixture, TH-3, and First-Fire Mixture VII. This grenade is fuze with the M201A1 Pyrotechnic Delay-igniting Fuze.

The Grenade, Hand Smoke Terephthalic Acid (TA) M83 (DODIC G982) is a burning type grenade used to generate white smoke. It is used for ground-to-air / ground signaling. It is filled with TA smoke mixture topped with a starter patch. The duration of smoke screen or signal is 25 to 70 seconds, average burn time. The M83 Grenade comes with a M201A1 Pyrotechnic Delay-Igniting Fuze consisting of a primer and pyrotechnic delay column.

The Grenade, 66mm Smoke Screening (IR), Vehicle Launched MK 1 MOD 0 (DODIC GG24 formerly VIRSS) is used in the M256 Smoke Grenade Launcher installed on Tanks, AAV's, and LAVs. This 66mm Smoke Screening grenade will provide Infra-Red (IR) and visual smoke screening for armored/tactical vehicles and personal in combat as well as in training environments.

The Mine, Antipersonnel M18A1 Non-Electric (Shock Tube) initiation system (DODIC J007) is a fragmentation anti-personnel mine that contains 700 steel balls and 682 grams of composition C4 explosive. It is a command detonated mine that is activated by a blasting cap. The mine projects a fan shaped pattern of steel balls in a 60° arc at a height of 2 meters and cover a casualty radius of 100 meters.

The Intelligent Munition System/SCORPION (DODIC KIMS) is a part of the FCS system of Unattended Munitions Family capable of guarding terrain against mounted forces and providing combat information to the warfighter. SCORPION provides unmanned ground sensors linked to a lethality component via a command and control system. The engagement components include both lethal and non-lethal effects. The lethality options include attack options for both anti-vehicle and anti-personnel.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------------------------------|----------------|------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |         |         |                                                        |                |                  |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |         |         | P-1 Item Nomenclature:<br>(146800) GRENADES, ALL TYPES |                |                  |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |         |         | Other Related Program Elements                         |                |                  |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                                        | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A          | 52.172  | 16.735  | 9.298                                                  | 6.137          | 15.435           | 13.505  | 13.821                 | 14.068  | 14.321  |                | 140.057          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A          | 0.000   | 0.000   | 0.000                                                  | 0.000          | 0.000            | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p><b>Base Appropriation Request Continued:</b></p> <p>The SPIDER, (DODIC KSPD) is a hand-emplaced system that consists of three main hardware items: Munition Control Units (lethal and non-lethal), remote control and a repeater. SPIDER requires a man-in-the loop for system operation and activation of the lethal mechanism. With this feature, the Marine makes a conscious decision based on intelligence and rules of engagement to engage a target with a lethal mechanism. This prevents fratricide and addresses the humanitarian concerns.</p> <p>The Signal, Illumination, Ground Green Star Parachute M195 (DODIC L305) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signal projects to an altitude of approximately 700-800 feet, producing a parachute suspended star which burns for approximately 25 seconds (minimum).</p> <p>The Signal, Illumination Ground Red Star Cluster M158 (DODIC L306) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signals project to an altitude of approximately 700-800 feet and produce five illuminant "stars" that burn for 6 to 18 seconds (minimum).</p> <p>The Signal, Illumination Ground White Star Cluster M159 (DODIC L307) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signals project to an altitude of approximately 700-800 feet and produce five illuminant "stars" that burn for 6 to 18 seconds (minimum).</p> <p>The Signal, Illumination Ground Red Star Parachute M126A1 (DODIC L311) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signal projects to an altitude of approximately 700-800 feet, producing a parachute suspended star that burns for 25 seconds (minimum).</p> <p>The Signal, Illumination Ground White Star Parachute M127A1 (DODIC L312) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signal projects to an altitude of approximately 700-800 feet, producing a parachute suspended star that burns for approximately 25 seconds (minimum).</p> <p>The Signal, Illumination Ground Green Star Cluster M125A1 (DODIC L314) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signals project to an altitude of approximately 700-800 feet and produce five illuminant "stars" that burn for 6 seconds 18 seconds (minimum).</p> |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------------------------------|----------------|------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |         |         |                                                        |                |                  |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |         |         | P-1 Item Nomenclature:<br>(146800) GRENADES, ALL TYPES |                |                  |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |         |         | Other Related Program Elements                         |                |                  |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                                        | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A          | 52.172  | 16.735  | 9.298                                                  | 6.137          | 15.435           | 13.505  | 13.821                 | 14.068  | 14.321  |                | 140.057          |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A          | 0.000   | 0.000   | 0.000                                                  | 0.000          | 0.000            | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p><b>Base Appropriation Request Continued:</b></p> <p>The Simulator, Projectile Ground Burst M115A2 (DODIC L594) is used to simulate battle noises and effects on land only ( in flight and ground explosions) during maneuvers and personnel training. This simulator consists of a cylindrical paper tube containing a photoflash charge and a whistle assembly. The whistle assembly, extending from one end of the photoflash charge, is a paper tube containing a slow burning whistle composition, and is joined to a fuze lighter by a length of safety fuze.</p> <p>The Simulator, Explosive Booby Trap M117 Flash (DODIC L598) is used as safe booby trap during maneuvers and in troop training. Its purpose is to teach the installation, detection and use of booby traps, and to instill caution in troops exposed to booby traps set by an enemy. This simulator consists of a cylindrical outer tube and a flat, metal nailing bracket extending from one end of the tube. Located within the outer tube is a charge initiating assembly and an inner tube containing a pyrotechnic charge.</p> <p>The Signaling Colored Smoke Grenade (SCSG, colors: Green, Yellow, Red, Violet, and White) is a Foreign Comparative Test (FCT) program. SCSG provide ground-to-air or ground-to-ground signaling during battlefield operations. The intent is to procure colored smoke grenades that will provide the war fighter with similar smoke duration, a standard and possibly safer initiation system, and a reduced flame at ignition. The grenades must display performance similar to or greater than the existing M18 smoke grenades.</p> <p>The Smokey Sam, DODIC YW33 is a rocket constructed of phenolic paper and Styrofoam fins used to provide a realistic visual Surface-to-Air Missile (SAM) threat during air war training exercises. Because of its lightweight construction, the Smokey Sam will not cause serious damage even if it should hit low flying aircraft. It was given its name because of the thick white cloud of smoke that it trails when fired to simulate a SAM. The Smokey Sam is 38 cm (15 in) long and has a diameter of 5 cm (2 in). It has a maximum ceiling of 550 m (1800 ft). The Smokey Sam can be launched from unprepared ground by using single bay or four bay launchers (LMU-23/E and LMU-24/E, respectively).</p> <p><b>FY11 Overseas Contingency Operations Request (OCO):</b></p> <p>DODIC G878, \$3.242. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) and training stockpile that will negatively affect our ability to execute another MCO and/or prepare our Marines for war.</p> <p>DODIC G881, \$2.895. Lack of funding to replace combat and training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) stockpile and negatively affect our ability to execute another MCO, if required.</p> |            |         |         |                                                        |                |                  |         |                        |         |         |                |                  |

Date:  
FEBRUARY 2010

|                        |
|------------------------|
| P-1 Item Nomenclature: |
|------------------------|

(146800) GRENADES, ALL TYPES

[illegible]

|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|-----------|---------------|-------------------------------------------------------------|------------|------------------------|---------|------------|--|--|--|
| Exhibit P-5, Cost Analysis                                                                                         |            |         |           | Weapon System |                                                             |            | Date:<br>FEBRUARY 2010 |         |            |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |           | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(146800) GRENADES, ALL TYPES |            |                        |         |            |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09       |         |           | FY10          |                                                             |            | FY11                   |         |            |  |  |  |
|                                                                                                                    | Total Cost | Qty     | Unit Cost | Total Cost    | Qty                                                         | Unit Cost  | Total Cost             | Qty     | Unit Cost  |  |  |  |
| BASELINE                                                                                                           |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| HARDWARE                                                                                                           |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| G878, FUZE, HAND GREN PRACT W/ CONF CLIP M228                                                                      |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 2.894      | 668,147 | 4.33      | 2.351         | 353,357                                                     | 6.65       | 1.966                  | 278,123 | 7.07       |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| G881, GRENADE, HAND FRAG, W/ CONF CLIP M67                                                                         |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| LOAD, ASSEMBLE AND PACK (LAP)                                                                                      | 1.832      | 52,920  | 34.62     | 2.479         | 75,682                                                      | 32.76      | 3.626                  | 86,211  | 42.06      |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| G900, GRENADE, HAND INCENDIARY TH3 AN-M14                                                                          |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        |            |         |           | 1.000         | 12,260                                                      | 81.57      |                        |         |            |  |  |  |
| FUZE HAND GRENADE M201A1                                                                                           |            |         |           | 0.071         | 12,751                                                      | 5.57       |                        |         |            |  |  |  |
| GREN, TOPS AND BODIES                                                                                              |            |         |           | 0.025         | 14,099                                                      | 1.78       |                        |         |            |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| G982, GREN HAND SMOKE TA M83                                                                                       |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 1.268      | 41,660  | 30.43     |               |                                                             |            |                        |         |            |  |  |  |
| FUZE HAND GRENADE M201A1                                                                                           | 0.188      | 43,327  | 4.35      |               |                                                             |            |                        |         |            |  |  |  |
| GREN, TOPS AND BODIES                                                                                              | 0.071      | 47,909  | 1.49      |               |                                                             |            |                        |         |            |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| GG24, GREN 66MM SSVL MK1 MOD0 (GG24)                                                                               |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 15.101     | 95,575  | 158.00    | 0.800         | 4,444                                                       | 180.00     |                        |         |            |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| J007, MINE, APERS M18A1 W/ SHOCK TUBE                                                                              |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 5.969      | 29,894  | 199.67    | 0.052         | 247                                                         | 209.31     |                        |         |            |  |  |  |
| COMP C-4 CLASS 3                                                                                                   | 0.906      | 49,326  | 18.36     | 0.008         | 408                                                         | 19.38      |                        |         |            |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| KIMS, DISPENSING MODULE                                                                                            |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        |            |         |           |               |                                                             |            | 1.206                  | 9       | 134,000.00 |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| KSPD, MUNITIONS CONTROL UNIT                                                                                       |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        |            |         |           | 1.655         | 5                                                           | 331,000.00 |                        |         |            |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| L305, SIGNAL, ILLUM GROUND GSP M195                                                                                |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 1.803      | 43,885  | 41.09     | 1.150         | 22,481                                                      | 51.15      |                        |         |            |  |  |  |
| *BOX METAL M548(EA)                                                                                                | 0.051      | 1,848   | 27.54     | 0.030         | 947                                                         | 31.65      |                        |         |            |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |
|                                                                                                                    |            |         |           |               |                                                             |            |                        |         |            |  |  |  |

|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------|---------------|-------------------------------------------------------------|--------------|------------------------|-----|--------------|--|--|--|
| Exhibit P-5, Cost Analysis<br>Continued                                                                            |               |         |              | Weapon System |                                                             |              | Date:<br>FEBRUARY 2010 |     |              |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |         |              | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(146800) GRENADES, ALL TYPES |              |                        |     |              |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09          |         |              | FY10          |                                                             |              | FY11                   |     |              |  |  |  |
|                                                                                                                    | Total<br>Cost | Qty     | Unit<br>Cost | Total<br>Cost | Qty                                                         | Unit<br>Cost | Total<br>Cost          | Qty | Unit<br>Cost |  |  |  |
| BASELINE                                                                                                           |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| L306, SIGNAL, ILLUM GROUND RSC M158                                                                                |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 0.875         | 20,759  | 42.15        |               |                                                             |              |                        |     |              |  |  |  |
| *BOX METAL M548(EA)                                                                                                | 0.026         | 945     | 27.54        |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| L307, SIGNAL, ILLUM GROUND WSC M159                                                                                |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 1.792         | 42,687  | 41.98        |               |                                                             |              |                        |     |              |  |  |  |
| *BOX METAL M548(EA)                                                                                                | 0.057         | 2,070   | 27.54        |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| L311, SIGNAL, ILLUM GROUND RSP M126A1                                                                              |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 1.922         | 44,522  | 43.17        |               |                                                             |              |                        |     |              |  |  |  |
| *BOX METAL M548(EA)                                                                                                | 0.052         | 1,888   | 27.54        |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| L312, SIGNAL, ILLUM GROUND WSP M127A1                                                                              |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 1.500         | 36,023  | 41.64        |               |                                                             |              |                        |     |              |  |  |  |
| *BOX METAL M548(EA)                                                                                                | 0.108         | 3,922   | 27.54        |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| L314, SIGNAL ILLUM GND GSC M125A1                                                                                  |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 1.767         | 42,733  | 41.35        | 0.850         | 17,738                                                      | 47.92        |                        |     |              |  |  |  |
| *BOX METAL M548(EA)                                                                                                | 0.089         | 3,232   | 27.54        | 0.024         | 747                                                         | 31.65        |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| L594, SIMULATOR, PROJ GROUND BURST M115A2                                                                          |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 3.419         | 175,591 | 19.47        | 0.509         | 25,431                                                      | 20.03        |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| L598, SIMULATOR, BOOBYTRAP FLASH M117                                                                              |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        | 3.050         | 251,850 | 12.11        |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| PRODUCT                                                                                                            |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| PRODUCT ENGINEERING                                                                                                | 3.533         |         |              | 0.998         |                                                             |              | 1.199                  |     |              |  |  |  |
| QUALITY ASSURANCE                                                                                                  | 2.295         |         |              | 0.345         |                                                             |              | 0.301                  |     |              |  |  |  |
| GOVERNMENT FURMNISHED MATERIAL                                                                                     | -0.906        |         |              |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
| Subtotal Baseline                                                                                                  | 49.662        |         |              | 12.347        |                                                             |              | 8.298                  |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |
|                                                                                                                    |               |         |              |               |                                                             |              |                        |     |              |  |  |  |







| Exhibit P-5a, Procurement History and Planning                                                                     |        |            |                      |                | Weapon System                                               |                                       |            | Date:                  |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|--------|------------|----------------------|----------------|-------------------------------------------------------------|---------------------------------------|------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |            |                      |                | P-1 Line Item Nomenclature:<br>(146800) GRENADES, ALL TYPES |                                       |            | FEBRUARY 2010          |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty    | Unit Cost  | Location of PCO      | RFP Issue Date | Contract Method and Type                                    | Contractor and Location               | Award Date | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| J007 MINE, APERS (CLAYMORE) M18A1                                                                                  |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| PY with undelivered assets                                                                                         | 7,700  |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 21,338 | 199.67     | JMC, ROCK ISLAND, IL | MAR 10         | C/FP                                                        | TO BE SELECTED                        | MAY 10     | NOV 11                 | NO                       |                          |
| FY 2009 OCO                                                                                                        | 8,556  | 199.67     | JMC, ROCK ISLAND, IL | DEC 09         | C/OP                                                        | SPECTRA TECHNOLOGIES, EAST CAMDEN, AR | FEB 09     | DEC 10                 | NO                       |                          |
| FY 2010 OCO                                                                                                        | 247    | 209.31     | JMC, ROCK ISLAND, IL | MAR 10         | C/FP                                                        | TO BE SELECTED                        | MAY 10     | NOV 11                 | YES                      |                          |
| COMP C-4 CLASS 3 (LB)                                                                                              |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 49,326 | 18.36      | JMC, ROCK ISLAND, IL | N/A            | N/A                                                         | STOCK ISSUE                           | N/A        | N/A                    | NO                       |                          |
| FY 2010 OCO                                                                                                        | 408    | 19.38      | JMC, ROCK ISLAND, IL | JAN 10         | SS/FP                                                       | ORDNANCE SYSTEMS INC. KINGSPORT, TN   | MAR 10     | DEC 10                 | YES                      |                          |
| KIMS, DISPENSING MODULE                                                                                            |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2011 Baseline                                                                                                   | 9      | 134,000.00 | JMC, ROCK ISLAND, IL | JAN 11         | C/OP                                                        | TO BE SELECTED                        | MAR 11     | SEP 12                 | NO                       |                          |
| KSPD, MUNITIONS CONTROL UNIT                                                                                       |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2010 Baseline                                                                                                   | 5      | 331,000.00 | JMC, ROCK ISLAND, IL | JAN 10         | C/OP                                                        | TO BE SELECTED                        | MAR 10     | MAR 11                 | NO                       |                          |
| L305, SIGNAL, ILLUM GROUND GSP M195                                                                                |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 26,331 | 41.09      | JMC, ROCK ISLAND, IL | JAN 09         | C/OP                                                        | SECURITY SIGNALS, CORDOVA, TN         | MAR 09     | JUN 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 17,554 | 41.09      | JMC, ROCK ISLAND, IL | JAN 09         | C/OP                                                        | SECURITY SIGNALS, CORDOVA, TN         | MAR 09     | JUN 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 22,481 | 51.15      | JMC, ROCK ISLAND, IL | JAN 10         | C/OP                                                        | SECURITY SIGNALS, CORDOVA, TN         | MAR 10     | JUN 11                 | YES                      |                          |
| *BOX METAL M548 (EA)                                                                                               |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 1,108  | 27.54      | JMC, ROCK ISLAND, IL | JUN 09         | C/FP                                                        | CONCO INC LOUISVILLE, KY              | AUG 09     | APR 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 740    | 27.54      | JMC, ROCK ISLAND, IL | JUN 09         | C/FP                                                        | CONCO INC LOUISVILLE, KY              | AUG 09     | APR 10                 | YES                      |                          |
| FY 2010 OCO                                                                                                        | 947    | 31.65      | JMC, ROCK ISLAND, IL | OCT 09         | C/OP                                                        | CONCO INC LOUISVILLE, KY              | DEC 09     | DEC 10                 | YES                      |                          |
| L306, SIGNAL, ILLUM GROUND RSC M158                                                                                |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| PY with undelivered assets                                                                                         | 46,000 |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2009                                                                                                            | 20,759 | 42.15      | JMC, ROCK ISLAND, IL | JAN 09         | C/OP                                                        | SECURITY SIGNALS, CORDOVA, TN         | MAR 09     | JUN 10                 | YES                      |                          |
| *BOX METAL M548 (EA)                                                                                               |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2009                                                                                                            | 945    | 27.54      | JMC, ROCK ISLAND, IL | JUN 09         | C/FP                                                        | CONCO INC LOUISVILLE, KY              | AUG 09     | APR 10                 | YES                      |                          |
| L307, SIGNAL, ILLUM GROUND WSC M159                                                                                |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| LOAD, ASSEMBLY & PACK (LAP)                                                                                        |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| PY with undelivered assets                                                                                         | 26,000 |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 21,344 | 41.98      | JMC, ROCK ISLAND, IL | JAN 09         | C/OP                                                        | SECURITY SIGNALS, CORDOVA, TN         | MAR 09     | JUN 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 21,343 | 41.98      | JMC, ROCK ISLAND, IL | JAN 09         | C/OP                                                        | SECURITY SIGNALS, CORDOVA, TN         | MAR 09     | JUN 10                 | YES                      |                          |
| *BOX METAL M548 (EA)                                                                                               |        |            |                      |                |                                                             |                                       |            |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 1,035  | 27.54      | JMC, ROCK ISLAND, IL | JUN 09         | C/FP                                                        | CONCO INC LOUISVILLE, KY              | AUG 09     | APR 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 1,035  | 27.54      | JMC, ROCK ISLAND, IL | JUN 09         | C/FP                                                        | CONCO INC LOUISVILLE, KY              | AUG 09     | APR 10                 | YES                      |                          |

| Exhibit P-5a, Procurement History and Planning                |         |       |                      |          | Weapon System       |                                   |        | Date:         |           |           |
|---------------------------------------------------------------|---------|-------|----------------------|----------|---------------------|-----------------------------------|--------|---------------|-----------|-----------|
|                                                               |         |       |                      |          |                     |                                   |        | FEBRUARY 2010 |           |           |
| Appropriation Code/Budget Activity/Serial Number:             |         |       |                      | P-1 Line | Item Nomenclature:  |                                   |        |               |           |           |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |       |                      | (146800) | GRENADES, ALL TYPES |                                   |        |               |           |           |
|                                                               |         | Unit  |                      | RFP      | Contract            |                                   |        | Date of       | Tech Data | Date      |
|                                                               | Qty     | Cost  | Location of PCO      | Issue    | Method              |                                   | Award  | First         | Available | Revisions |
| WBS COST ELEMENTS                                             |         |       |                      |          | and Type            | Contractor and Location           | Date   | Delivery      | Now?      | Available |
| L311, SIGNAL, ILLUM GROUND RSP M126A1                         |         |       |                      |          |                     |                                   |        |               |           |           |
| LOAD, ASSEMBLY & PACK (LAP)                                   |         |       |                      |          |                     |                                   |        |               |           |           |
| FY 2009 Baseline                                              | 22,261  | 43.17 | JMC, ROCK ISLAND, IL | JAN 09   | C/OP                | SECURITY SIGNALS, CORDOVA, TN     | MAR 09 | JUN 10        | YES       |           |
| FY 2009 OCO                                                   | 22,261  | 43.17 | JMC, ROCK ISLAND, IL | JAN 09   | C/OP                | SECURITY SIGNALS, CORDOVA, TN     | MAR 09 | JUN 10        | YES       |           |
| *BOX METAL M548 (EA)                                          |         |       |                      |          |                     |                                   |        |               |           |           |
| FY 2009 Baseline                                              | 944     | 27.54 | JMC, ROCK ISLAND, IL | JUN 09   | C/FP                | CONCO INC LOUISVILLE, KY          | AUG 09 | APR 10        | YES       |           |
| FY 2009 OCO                                                   | 944     | 27.54 | JMC, ROCK ISLAND, IL | JUN 09   | C/FP                | CONCO INC LOUISVILLE, KY          | AUG 09 | APR 10        | YES       |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
| L312, SIGNAL, ILLUM GROUND WSP M127A1                         |         |       |                      |          |                     |                                   |        |               |           |           |
| LOAD, ASSEMBLY & PACK (LAP)                                   |         |       |                      |          |                     |                                   |        |               |           |           |
| PY with undelivered assets                                    | 44,000  |       |                      |          |                     |                                   |        |               |           |           |
| FY 2009 OCO                                                   | 36,023  | 41.64 | JMC, ROCK ISLAND, IL | JAN 09   | C/OP                | SECURITY SIGNALS, CORDOVA, TN     | MAR 09 | JUN 10        | NO        |           |
| *BOX METAL M548 (EA)                                          |         |       |                      |          |                     |                                   |        |               |           |           |
| FY 2009 OCO                                                   | 3,922   | 27.54 | JMC, ROCK ISLAND, IL | JUN 09   | C/FP                | CONCO INC LOUISVILLE, KY          | AUG 09 | APR 10        | NO        |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
| L314, SIGNAL, ILLUM GROUND GSC M125A1                         |         |       |                      |          |                     |                                   |        |               |           |           |
| LOAD, ASSEMBLY & PACK (LAP)                                   |         |       |                      |          |                     |                                   |        |               |           |           |
| FY 2009 Baseline                                              | 21,366  | 41.35 | JMC, ROCK ISLAND, IL | JAN 09   | C/OP                | SECURITY SIGNALS, CORDOVA, TN     | MAR 09 | JUN 10        | YES       |           |
| FY 2009 OCO                                                   | 21,367  | 41.35 | JMC, ROCK ISLAND, IL | JAN 09   | C/OP                | SECURITY SIGNALS, CORDOVA, TN     | MAR 09 | JUN 10        | YES       |           |
| FY 2010 OCO                                                   | 17,738  | 47.92 | JMC, ROCK ISLAND, IL | JAN 10   | C/OP                | SECURITY SIGNALS, CORDOVA, TN     | MAR 10 | JUN 11        | YES       |           |
| *BOX METAL M548 (EA)                                          |         |       |                      |          |                     |                                   |        |               |           |           |
| FY 2009 Baseline                                              | 1,616   | 27.54 | JMC, ROCK ISLAND, IL | JUN 09   | C/FP                | CONCO INC LOUISVILLE, KY          | AUG 09 | APR 10        | YES       |           |
| FY 2009 OCO                                                   | 1,616   | 27.54 | JMC, ROCK ISLAND, IL | JUN 09   | C/FP                | CONCO INC LOUISVILLE, KY          | AUG 09 | APR 10        | YES       |           |
| FY 2010 OCO                                                   | 747     | 31.65 | JMC, ROCK ISLAND, IL | JAN 10   | C/OP                | CONCO INC LOUISVILLE, KY          | MAR 10 | MAR 11        | YES       |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
| L594, SIMULATOR, PROJ GROUND BURST M115A2                     |         |       |                      |          |                     |                                   |        |               |           |           |
| COMPLETE ROUND                                                |         |       |                      |          |                     |                                   |        |               |           |           |
| PY with undelivered assets                                    | 270,100 |       |                      |          |                     |                                   |        |               |           |           |
| FY 2009                                                       | 175,591 | 19.47 | JMC, ROCK ISLAND, IL | JAN 09   | C/FP                | GRUCCI FIREWORKS, RADFORD, VA     | MAR 09 | MAR 12        | NO        |           |
| FY 2010 OCO                                                   | 25,431  | 20.03 | JMC, ROCK ISLAND, IL | MAR 10   | C/FP                | TO BE SELECTED                    | MAY 10 | NOV 11        | YES       |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
| L598, SIMULATOR, BOOBYTRAP FLASH M117                         |         |       |                      |          |                     |                                   |        |               |           |           |
| COMPLETE ROUND                                                |         |       |                      |          |                     |                                   |        |               |           |           |
| PY with undelivered assets                                    | 207,000 |       |                      |          |                     |                                   |        |               |           |           |
| FY 2009 Baseline                                              | 125,925 | 12.11 | JMC, ROCK ISLAND, IL | JUL 09   | C/FP                | BULOVA TECH ORDNANCE SYS, MAYO FL | SEP 09 | FEB 11        | NO        |           |
| FY 2009 OCO                                                   | 125,925 | 12.11 | JMC, ROCK ISLAND, IL | JUL 09   | C/FP                | BULOVA TECH ORDNANCE SYS, MAYO FL | SEP 09 | FEB 11        | NO        |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |
|                                                               |         |       |                      |          |                     |                                   |        |               |           |           |

|                                   |                        |
|-----------------------------------|------------------------|
| Exhibit P-21, Production Schedule | Date:<br>FEBRUARY 2010 |
|-----------------------------------|------------------------|

|                                                               |        |                                                                |
|---------------------------------------------------------------|--------|----------------------------------------------------------------|
| Appropriation Code/Budget Activity/Serial Number:             | Weapon | P-1 Line Item Nomenclature:                                    |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition | System | (146800) DODIC: G878, FUZE, HAND GREN PRACT, W/ CONF CLIP M228 |

|                             |                                                                |
|-----------------------------|----------------------------------------------------------------|
| P-1 Line Item Nomenclature: | (146800) DODIC: G878, FUZE, HAND GREN PRACT, W/ CONF CLIP M228 |
|-----------------------------|----------------------------------------------------------------|

[illegible][illegible][illegible]

|          |
|----------|
| REMARKS: |
|----------|



|                                                                                                                    |            |         |         |                                |                |                                                       |         |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|----------------|-------------------------------------------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                     |            |         |         |                                |                |                                                       |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |         |                                |                | P-1 Item Nomenclature:<br>(147100) ROCKETS, ALL TYPES |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                  |            |         |         | Other Related Program Elements |                |                                                       |         |                        |         |         |                |                  |
|                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011 | Total<br>FY 2011                                      | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                           |            |         |         |                                |                |                                                       |         |                        |         |         |                |                  |
| Gross Cost                                                                                                         | A          | 25.264  | 22.022  | 13.995                         | 13.543         | 27.538                                                | 15.620  | 15.871                 | 16.155  | 16.445  |                | 138.915          |
|                                                                                                                    |            |         |         |                                |                |                                                       |         |                        |         |         |                |                  |
| Reserves                                                                                                           | A          | 0.000   | 0.000   | 0.000                          | 0.000          | 0.000                                                 | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |

**Base Appropriation Request:**  
The Cartridge and Launcher, 84mm M136 AT-4 (DODIC C995) is mainly employed against armored personnel carriers. However, it can be used against battle tanks when fired at the flanks or rear. It can also be employed as an assault weapon against bunkers, field fortifications, and other hard-point positions. Issued as one round of ammunition, the AT-4 tactical round is a self-contained, lightweight, disposable weapon.

The Rocket Practice, 21mm M72AS Insert. M72 LAW Trainer (DODIC HA46)  
The M72AS Trainer Rocket (DODIC HA21) is a 21mm Sub-Caliber practice rocket that fully simulates the M72A7 Tactical Rocket. The Trainer Rocket is used with the M72AS Trainer Launcher (E5002VIIB) which is the same tube as the Tactical Rocket but contains an insert for use with the 21mm sub-caliber munition.

The M72A7 Tactical Rocket, High Explosive, (DODIC HA29) is a lightweight, single shot, disposable weapon optimized to defeat lightly armored vehicles and other hard targets at close combat ranges.

The Rocket, 83mm Common Practice (CP) (SMAW) (DODIC HX07) Rocket is designed as a practice round for DODICs HX05, HA34 and HX06 SMAW rockets.

The M72AS Tactical Reusable Trainer Launcher is a lightweight, reusable weapon optimized to train users on how to properly engage the enemy.

**FY11 Overseas Contingency Operations Request:**  
DODIC HA21, \$6.468. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

DODIC HA29, \$7.075. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.

Date:  
FEBRUARY 2010

|                        |
|------------------------|
| P-1 Item Nomenclature: |
|------------------------|

(147100) ROCKETS, ALL TYPES

|                                     | ID<br>Code | FY2009 | FY2010 | Base<br>FY2011 | OCO<br>FY2011 | Total<br>FY2011 |  |  |  |  |  |
|-------------------------------------|------------|--------|--------|----------------|---------------|-----------------|--|--|--|--|--|
| C995, ROCKET, 84MM HEAA (AT-4)      | A          | 1.488  | 2.739  | 2.079          | 0.000         | 2.079           |  |  |  |  |  |
| QTY                                 |            | 717    | 1321   | 727            | 0             | 727             |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
| HA46, CTG, 21MM INERT ROCKET, DUMMY | A          | 0.050  | 0.000  | 0.000          | 0.000         | 0               |  |  |  |  |  |
| QTY                                 |            | 341    | 0      | 0              | 0             | 0               |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
| HX07, ROCKET, 83MM HEAA PRACTICE    | A          | 2.054  | 2.604  | 2.781          | 0.000         | 2.781           |  |  |  |  |  |
| QTY                                 |            | 1107   | 1401   | 1209           | 0             | 1209            |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
| M72AS, LAW TRAINER                  | A          | 0.450  | 0.000  | 0.000          | 0.000         | 0.000           |  |  |  |  |  |
| QTY                                 |            | 239    | 0      | 0              | 0             | 0               |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
|                                     |            |        |        |                |               |                 |  |  |  |  |  |
| TOTAL                               |            | 4.042  | 5.343  | 4.860          | 0.000         | 4.860           |  |  |  |  |  |
| ACTIVE                              |            | 4.042  | 5.343  | 4.860          | 0.000         | 4.860           |  |  |  |  |  |
| RESERVE                             |            | 0.000  | 0.000  | 0.000          | 0.000         | 0.000           |  |  |  |  |  |

[illegible]

[illegible]



|       |               |
|-------|---------------|
| Date: | FEBRUARY 2010 |
|-------|---------------|

|        |        |
|--------|--------|
| Weapon | System |
|--------|--------|

|                                            |
|--------------------------------------------|
| P-1 Line Item Nomenclature:                |
| (147100) DODIC: HA21, ROCKET, Trainer 21MM |

[illegible][illegible][illegible]

REMARKS:

|       |               |
|-------|---------------|
| Date: | FEBRUARY 2010 |
|-------|---------------|

|                                                     |
|-----------------------------------------------------|
| P-1 Line Item Nomenclature:                         |
| (147100) DODIC: HA29, ROCKET, 66MM HE M72A7 W/GRAZE |

[illegible][illegible][illegible]

|           |
|-----------|
| REMARKS : |
|-----------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |         |         |                                |                                                         |              |                        |         |         |         |             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|--------------------------------|---------------------------------------------------------|--------------|------------------------|---------|---------|---------|-------------|---------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |         |         |                                |                                                         |              | Date:<br>February 2010 |         |         |         |             |               |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |         |         |                                | P-1 Item Nomenclature:<br>(147300) ARTILLERY, ALL TYPES |              |                        |         |         |         |             |               |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |         |         | Other Related Program Elements |                                                         |              |                        |         |         |         |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ID Code | FY 2009 | FY 2010 | Base FY2011                    | OCO FY2011                                              | Total FY2011 | FY 2012                | FY 2013 | FY 2014 | FY 2015 | To Complete | Total Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |         |                                |                                                         |              |                        |         |         |         |             |               |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A       | 183.462 | 139.745 | 70.423                         | 137.118                                                 | 207.541      | 51.943                 | 80.723  | 90.132  | 61.381  |             | 814.927       |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A       | 0.000   | 0.000   | 0.000                          | 0.000                                                   | 0.000        | 0.000                  | 0.000   | 0.000   | 0.000   |             | 0.000         |
| <p><b>Baseline Appropriation Request:</b></p> <p>The Projectile, 155mm Illuminating M485A2 (DODIC D505) is a separate loading artillery projectile that consists of a hollow steel shell with an illuminant canister, a canister expelling charge in the projectile nose, and a drogue parachute in the base. This projectile is fired from the 155mm M198 and M777 Towed Howitzers. The projectile uses a Mechanical Time fuze.</p> <p>The Projectile, 155mm High Explosive (HE) M795 (DODIC D529) is fired from the 155mm M198 Howitzer and is compatible with the M777 Light Weight 155 Howitzer. It is used to provide conventional support fires and provides an increase in range, lethality, and accuracy.</p> <p>The Projectile, 155mm HE M107 Series (DODIC D544) is a separate loading projectile fired from the M198 and M777 Towed Howitzers. Is used to provide conventional support fires for infantry maneuver units.</p> <p>The Projectile, 155mm Smoke White Phosphorus (WP) M110A2 (DODIC D550) is a separate loading projectile used to provide smoke for marking purposes and can be used to provide screening of mechanized or infantry maneuver. The M110A2 projectile is fired from the M198 and M777 Towed Howitzers. A point detonating fuze is normally used with this projectile.</p> <p>The M231 Modular Artillery Charge System (MACS)(DODIC DA12) is a propelling charge for the 155mm family of artillery projectiles. The M231 is used at lower zones (1 or 2 increments at a time) and is based on the classical unicharge design, i.e. bi-directional center core ignition, granular propellant contained in a rigid combustible case. MACS will offer improvements in logistics, range, and simplicity when compared to existing bag propellants (M203 series, M119 series, M3 series and M4 series).</p> <p>The M232 MACS (DODIC DA13) is a propelling charge for the 155mm family of artillery projectiles. The M232 is used at higher zones and is based on the classical unicharge design, i.e. bi-directional center core ignition, granular propellant contained in a rigid combustible case. MACS will offer improvements in logistics, range, and simplicity when compared to existing bag propellants (M203 series, M119 series and M4 series).</p> |         |         |         |                                |                                                         |              |                        |         |         |         |             |               |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |         |         |                                |            |                                                         |         |                        |         |         |             |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|--------------------------------|------------|---------------------------------------------------------|---------|------------------------|---------|---------|-------------|---------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |         |         |                                |            |                                                         |         | Date:<br>February 2010 |         |         |             |               |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |         |         |                                |            | P-1 Item Nomenclature:<br>(147300) ARTILLERY, ALL TYPES |         |                        |         |         |             |               |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |         |         | Other Related Program Elements |            |                                                         |         |                        |         |         |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ID Code | FY 2009 | FY 2010 | Base FY2011                    | OCO FY2011 | Total FY2011                                            | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To Complete | Total Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |         |         |                                |            |                                                         |         |                        |         |         |             |               |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A       | 183.462 | 139.745 | 70.423                         | 137.118    | 207.541                                                 | 51.943  | 80.723                 | 90.132  | 61.381  |             | 814.927       |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A       | 0.000   | 0.000   | 0.000                          | 0.000      | 0.000                                                   | 0.000   | 0.000                  | 0.000   | 0.000   |             | 0.000         |
| <p>The Excalibur 155mm (DODIC DA39/DA45) Precision Guided Extended Range Artillery Projectile, also known as the M982 ER DPICM (Extended Range Dual Purpose Improved Conventional Munitions) Projectile, is a smart munition. It provides capability to attack all three key target sets, soft and armored vehicles, and reinforced bunkers, out to ranges exceeding current 155mm family of artillery munitions.</p> <p>The XM1066 155mm IR Illuminating Projectile (DODIC DA49) is fired from the M777 Lightweight Towed Howitzer using standard bagged propellant charges. The XM1066 is the same as the existing M485A2 155mm White Light Illuminating Projectile with the exception of an IR candle and aluminum ballast. The XM1066 is designed to match the physical properties of the M485A2 projectile in flight and to be handled logistically and fired like a typical 155mm projectile. With an optimal height of burst of 600 meters and the use of night vision devices a 2400 meter diameter of illumination, nearly three times that of the M485A2 visible light projectile.</p> <p><b>FY11 Overseas Contingency Operations Request (OCO):</b></p> <p>DODIC DA12, \$5.000. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.</p> <p>DODIC D505, \$7.220; DODIC D529, \$14.365; DODIC DA13, \$10.000; DODIC DA39/DA45, \$90.533; DODIC DA49, \$10.000. Lack of funding to replace training expenditures will further erode the USMC's WRMR and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.</p> |         |         |         |                                |            |                                                         |         |                        |         |         |             |               |

| Exhibit P-5, Cost Analysis                                                                                         |               |           |              | Weapon System |                                                              |              | Date:<br>February 2010 |         |              |               |     |              |
|--------------------------------------------------------------------------------------------------------------------|---------------|-----------|--------------|---------------|--------------------------------------------------------------|--------------|------------------------|---------|--------------|---------------|-----|--------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |           |              | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(147300) ARTILLERY, ALL TYPES |              |                        |         |              |               |     |              |
| WBS COST ELEMENTS                                                                                                  | FY09          |           |              | FY10          |                                                              |              | FY11                   |         |              |               |     |              |
|                                                                                                                    | Total<br>Cost | Qty       | Unit<br>Cost | Total<br>Cost | Qty                                                          | Unit<br>Cost | Total<br>Cost          | Qty     | Unit<br>Cost | Total<br>Cost | Qty | Unit<br>Cost |
| BASELINE                                                                                                           |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
| HARDWARE                                                                                                           |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
| D505, PROJ, 155MM, M485A2, ILLUM                                                                                   |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 2.473         | 8,328     | 297.00       |               |                                                              |              | 3.258                  | 10,450  | 311.73       |               |     |              |
| PROJ MPTS(EA)                                                                                                      | 2.165         | 8,495     | 254.89       |               |                                                              |              | 2.994                  | 10,659  | 280.91       |               |     |              |
| CANISTER, BASE ASSY                                                                                                | 0.149         | 8,412     | 17.75        |               |                                                              |              | 0.193                  | 10,763  | 17.93        |               |     |              |
| CANISTER, MPTS ASSY                                                                                                | 0.501         | 8,412     | 59.57        |               |                                                              |              | 0.660                  | 10,763  | 61.34        |               |     |              |
| *UNIVERSAL LIFTING PLUG(EA)                                                                                        | 0.072         | 8,495     | 8.53         |               |                                                              |              | 0.095                  | 10,711  | 8.84         |               |     |              |
| PARACHUTE, MAIN                                                                                                    | 0.351         | 8,412     | 41.78        |               |                                                              |              | 0.447                  | 10,763  | 41.54        |               |     |              |
| PARACHUTE, DROGUE ASSY                                                                                             | 0.152         | 8,412     | 18.09        |               |                                                              |              | 0.194                  | 10,763  | 17.98        |               |     |              |
| GROMMET(EA)                                                                                                        | 0.051         | 8,578     | 6.00         |               |                                                              |              | 0.067                  | 10,763  | 6.26         |               |     |              |
| PARACHUTE, MAIN SUPPORTS                                                                                           | 0.137         | 34,145    | 4.00         |               |                                                              |              | 0.170                  | 42,844  | 3.96         |               |     |              |
| PARACHUTE, DROGUE SUPPORTS                                                                                         | 0.021         | 8,412     | 2.44         |               |                                                              |              | 0.053                  | 21,944  | 2.41         |               |     |              |
| DELAY ELEMENT                                                                                                      | 0.232         | 8,745     | 26.54        |               |                                                              |              | 0.285                  | 10,763  | 26.44        |               |     |              |
| CANDLE                                                                                                             | 2.739         | 8,662     | 316.23       |               |                                                              |              | 3.608                  | 10,868  | 331.97       |               |     |              |
|                                                                                                                    |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
| D529, PROJ, 155MM, M795, HE EX RANGE                                                                               |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 9.145         | 83,789    | 109.14       | 4.203         | 41,226                                                       | 101.94       | 2.738                  | 24,148  | 113.39       |               |     |              |
| PROJ M795 MPTS                                                                                                     | 27.806        | 85,465    | 325.35       | 14.258        | 42,051                                                       | 339.08       | 8.837                  | 24,631  | 358.80       |               |     |              |
| LIFTING PLUGS                                                                                                      | 0.636         | 85,465    | 7.44         | 0.389         | 42,051                                                       | 9.26         | 0.187                  | 24,631  | 7.60         |               |     |              |
| SUPPLEMENTAL CHARGES                                                                                               | 0.475         | 85,465    | 5.56         | 0.236         | 42,051                                                       | 5.61         | 0.307                  | 24,631  | 12.47        |               |     |              |
| TNT TYPE I GRADE A(LB)                                                                                             | 10.809        | 2,513,670 | 4.30         | 5.318         | 1,236,780                                                    | 4.30         | 3.217                  | 724,425 | 4.44         |               |     |              |
| WOODEN PALLETS                                                                                                     | 0.763         | 10,683    | 71.41        | 0.343         | 5,153                                                        | 66.64        | 0.223                  | 3,079   | 72.31        |               |     |              |
|                                                                                                                    |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
| D544, PROJ, 155MM, M107, HE                                                                                        |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        | 1.538         | 17,880    | 86.00        |               |                                                              |              |                        |         |              |               |     |              |
| PROJ BODY 155MM M107                                                                                               | 3.074         | 18,238    | 168.52       |               |                                                              |              |                        |         |              |               |     |              |
| *COMP B TYPE I GRADE A LB                                                                                          | 0.941         | 407,307   | 2.31         |               |                                                              |              |                        |         |              |               |     |              |
| PLUG, SHOCK ACCENTUATING                                                                                           | 0.105         | 18,327    | 5.75         |               |                                                              |              |                        |         |              |               |     |              |
| GROMMET(EA)                                                                                                        | 0.032         | 18,417    | 1.72         |               |                                                              |              |                        |         |              |               |     |              |
| SUPPLEMENTAL CHARGES                                                                                               | 0.219         | 18,238    | 12.00        |               |                                                              |              |                        |         |              |               |     |              |
|                                                                                                                    |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
| D550, PROJ, 155MM, M110A2, SMOKE WP                                                                                |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |               |           |              | 10.448        | 38,326                                                       | 272.61       |                        |         |              |               |     |              |
| PROJ 155MM WP M110A2 MPTS(EA)                                                                                      |               |           |              | 10.537        | 39,093                                                       | 269.53       |                        |         |              |               |     |              |
| CHG BSTR M54A1 ASSY(EA)                                                                                            |               |           |              | 4.387         | 39,476                                                       | 111.13       |                        |         |              |               |     |              |
|                                                                                                                    |               |           |              |               |                                                              |              |                        |         |              |               |     |              |
|                                                                                                                    |               |           |              |               |                                                              |              |                        |         |              |               |     |              |

| Exhibit P-5, Cost Analysis<br>Continued                                                                            |               |           | Weapon System |               |                                                              | Date:<br>February 2010 |               |         |              |               |     |              |
|--------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------|---------------|--------------------------------------------------------------|------------------------|---------------|---------|--------------|---------------|-----|--------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |           |               | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(147300) ARTILLERY, ALL TYPES |                        |               |         |              |               |     |              |
| WBS COST ELEMENTS                                                                                                  | FY09          |           |               | FY10          |                                                              |                        | FY11          |         |              |               |     |              |
|                                                                                                                    | Total<br>Cost | Qty       | Unit<br>Cost  | Total<br>Cost | Qty                                                          | Unit<br>Cost           | Total<br>Cost | Qty     | Unit<br>Cost | Total<br>Cost | Qty | Unit<br>Cost |
| CASING BSTR(EA)                                                                                                    |               |           |               | 2.722         | 39,093                                                       | 69.62                  |               |         |              |               |     |              |
| *TNT TYPE I FLAKE(LB)                                                                                              |               |           |               | 0.020         | 8,191                                                        | 2.50                   |               |         |              |               |     |              |
| CYCLOTOL 75/25 TYPE 1                                                                                              |               |           |               | 0.804         | 70,520                                                       | 11.40                  |               |         |              |               |     |              |
| *UNIVERSAL LIFTING PLUG(EA)                                                                                        |               |           |               | 0.378         | 39,476                                                       | 9.58                   |               |         |              |               |     |              |
| GROMMET(EA)                                                                                                        |               |           |               | 0.073         | 39,860                                                       | 1.84                   |               |         |              |               |     |              |
|                                                                                                                    |               |           |               |               |                                                              |                        |               |         |              |               |     |              |
| DA12, CHG, 155MM, M231, MOD ARTY CHG SYS                                                                           |               |           |               |               |                                                              |                        |               |         |              |               |     |              |
| LAP, M231 MACS                                                                                                     | 5.306         | 345,000   | 15.38         | 8.027         | 455,040                                                      | 17.64                  | 3.078         | 188,135 | 16.36        |               |     |              |
| COMBUSTIBLE CASE SETS                                                                                              | 10.141        | 355,350   | 28.54         | 15.701        | 468,691                                                      | 33.50                  | 5.308         | 193,779 | 27.39        |               |     |              |
| PROPELLANT, SINGLE BASE, M231                                                                                      | 9.660         | 1,207,500 | 8.00          | 7.438         | 1,592,640                                                    | 4.67                   | 7.526         | 658,473 | 11.43        |               |     |              |
| IGNITION SYSTEM PROPELLANT                                                                                         | 0.156         | 22,080    | 7.05          | 0.216         | 29,124                                                       | 7.40                   | 0.094         | 12,041  | 7.79         |               |     |              |
| LAP CONTAINERS                                                                                                     | 3.426         | 88,838    | 38.56         | 4.689         | 117,173                                                      | 40.02                  | 2.014         | 48,445  | 41.57        |               |     |              |
| BLACK POWDER, M231                                                                                                 | 0.291         | 21,563    | 13.50         | 0.392         | 28,440                                                       | 13.77                  | 0.165         | 11,759  | 14.03        |               |     |              |
|                                                                                                                    |               |           |               |               |                                                              |                        |               |         |              |               |     |              |
| DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS                                                                         |               |           |               |               |                                                              |                        |               |         |              |               |     |              |
| LAP, M232, MACS                                                                                                    | 12.775        | 683,400   | 18.69         | 7.519         | 333,900                                                      | 22.52                  | 3.428         | 167,885 | 20.42        |               |     |              |
| COMBUSTIBLE CASE SETS                                                                                              | 20.829        | 704,016   | 29.59         | 11.521        | 343,917                                                      | 33.50                  | 5.245         | 172,922 | 30.33        |               |     |              |
| PROPELLANT, M232 TRIPLE BASE                                                                                       | 37.222        | 3,418,000 | 10.89         | 20.485        | 1,669,500                                                    | 12.27                  | 10.468        | 839,427 | 12.47        |               |     |              |
| IGNITION SYSTEM SPHERIOCAL PROPELLANT                                                                              | 0.318         | 44,100    | 7.22          | 0.158         | 21,370                                                       | 7.40                   | 0.084         | 10,745  | 7.79         |               |     |              |
| LAP CONTAINERS                                                                                                     | 5.985         | 140,820   | 42.50         | 2.972         | 68,783                                                       | 43.20                  | 1.550         | 34,584  | 44.82        |               |     |              |
| BLACK POWDER CLASS 1 (LB)                                                                                          | 0.560         | 41,500    | 13.50         | 0.287         | 20,869                                                       | 13.77                  | 0.147         | 10,493  | 14.03        |               |     |              |
|                                                                                                                    |               |           |               |               |                                                              |                        |               |         |              |               |     |              |
|                                                                                                                    |               |           |               |               |                                                              |                        |               |         |              |               |     |              |
| ACCEPTANCE TESTING                                                                                                 | 3.633         |           |               | 2.391         |                                                              |                        | 1.423         |         |              |               |     |              |
| PRODUCTION ENGINEERING                                                                                             | 2.702         |           |               | 2.479         |                                                              |                        | 1.779         |         |              |               |     |              |
| QUALITY ASSURANCE                                                                                                  | 0.016         |           |               | 0.478         |                                                              |                        | 0.006         |         |              |               |     |              |
| NONRECURRING                                                                                                       | 6.797         |           |               | 0.876         |                                                              |                        | 0.575         |         |              |               |     |              |
| CONTINGENCY                                                                                                        |               |           |               |               |                                                              |                        |               |         |              |               |     |              |
| GOVERNMENT FURNISHED MATERIAL                                                                                      | -0.941        |           |               |               |                                                              |                        |               |         |              |               |     |              |
|                                                                                                                    |               |           |               |               |                                                              |                        |               |         |              |               |     |              |
| Subtotal Baseline                                                                                                  | 183.462       |           |               | 139.745       |                                                              |                        | 70.423        |         |              |               |     |              |
| ACTIVE                                                                                                             | 183.462       |           |               | 139.745       |                                                              |                        | 70.423        |         |              |               |     |              |
| RESERVES                                                                                                           | 0.000         |           |               | 0.000         |                                                              |                        | 0.000         |         |              |               |     |              |
|                                                                                                                    |               |           |               |               |                                                              |                        |               |         |              |               |     |              |
|                                                                                                                    |               |           |               |               |                                                              |                        |               |         |              |               |     |              |

|                                                               |               |     |               |               |                               |                        |               |         |              |               |     |              |
|---------------------------------------------------------------|---------------|-----|---------------|---------------|-------------------------------|------------------------|---------------|---------|--------------|---------------|-----|--------------|
| Exhibit P-5, Cost Analysis                                    |               |     | Weapon System |               |                               | Date:<br>February 2010 |               |         |              |               |     |              |
| Appropriation Code/Budget Activity/Serial Number:             |               |     |               | ID Code:      | P-1 Line Item Nomenclature:   |                        |               |         |              |               |     |              |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |     |               | A             | (147300) ARTILLERY, ALL TYPES |                        |               |         |              |               |     |              |
| WBS COST ELEMENTS                                             | FY09          |     |               | FY10          |                               |                        | FY11          |         |              |               |     |              |
|                                                               | Total<br>Cost | Qty | Unit<br>Cost  | Total<br>Cost | Qty                           | Unit<br>Cost           | Total<br>Cost | Qty     | Unit<br>Cost | Total<br>Cost | Qty | Unit<br>Cost |
|                                                               |               |     |               |               |                               |                        |               |         |              |               |     |              |
| <b><u>FY11 OCO</u></b>                                        |               |     |               |               |                               |                        |               |         |              |               |     |              |
| HARDWARE                                                      |               |     |               |               |                               |                        |               |         |              |               |     |              |
| D505, PROJ, 155MM, M485A2, ILLUM                              |               |     |               |               |                               |                        |               |         |              |               |     |              |
| LOAD, ASSEMBLE & PACK (LAP)                                   |               |     |               |               |                               |                        | 1.844         | 5,916   | 311.73       |               |     |              |
| PROJ MPTS(EA)                                                 |               |     |               |               |                               |                        | 1.695         | 6,035   | 280.91       |               |     |              |
| CANISTER, BASE ASSY                                           |               |     |               |               |                               |                        | 0.109         | 6,094   | 17.93        |               |     |              |
| CANISTER, MPTS ASSY                                           |               |     |               |               |                               |                        | 0.374         | 6,094   | 61.34        |               |     |              |
| *UNIVERSAL LIFTING PLUG(EA)                                   |               |     |               |               |                               |                        | 0.054         | 6,065   | 8.84         |               |     |              |
| PARACHUTE, MAIN                                               |               |     |               |               |                               |                        | 0.253         | 6,094   | 41.54        |               |     |              |
| PARACHUTE, DROGUE ASSY                                        |               |     |               |               |                               |                        | 0.110         | 6,094   | 17.98        |               |     |              |
| GROMMET(EA)                                                   |               |     |               |               |                               |                        | 0.038         | 6,094   | 6.26         |               |     |              |
| PARACHUTE, MAIN SUPPORTS                                      |               |     |               |               |                               |                        | 0.096         | 24,257  | 3.96         |               |     |              |
| PARACHUTE, DROGUE SUPPORTS                                    |               |     |               |               |                               |                        | 0.030         | 12,425  | 2.41         |               |     |              |
| DELAY ELEMENT                                                 |               |     |               |               |                               |                        | 0.161         | 6,094   | 26.44        |               |     |              |
| CANDLE                                                        |               |     |               |               |                               |                        | 2.043         | 6,153   | 331.97       |               |     |              |
|                                                               |               |     |               |               |                               |                        |               |         |              |               |     |              |
| D529, PROJ, 155MM, M795, HE EX RANGE                          |               |     |               |               |                               |                        |               |         |              |               |     |              |
| LOAD, ASSEMBLE & PACK (LAP)                                   |               |     |               |               |                               |                        | 2.430         | 21,429  | 113.39       |               |     |              |
| PROJ M795 MPTS                                                |               |     |               |               |                               |                        | 7.843         | 21,858  | 358.80       |               |     |              |
| LIFTING PLUGS                                                 |               |     |               |               |                               |                        | 0.166         | 21,858  | 7.60         |               |     |              |
| SUPPLEMENTAL CHARGES                                          |               |     |               |               |                               |                        | 0.273         | 21,858  | 12.47        |               |     |              |
| TNT TYPE I GRADE A(LB)                                        |               |     |               |               |                               |                        | 2.854         | 642,885 | 4.44         |               |     |              |
| WOODEN PALLETS                                                |               |     |               |               |                               |                        | 0.197         | 2,732   | 72.31        |               |     |              |
|                                                               |               |     |               |               |                               |                        |               |         |              |               |     |              |
| DA12, CHG, 155MM, M231, MOD ARTY CHG SYS                      |               |     |               |               |                               |                        |               |         |              |               |     |              |
| LAP, M231 MACS                                                |               |     |               |               |                               |                        | 0.786         | 48,065  | 16.36        |               |     |              |
| COMBUSTIBLE CASE SETS                                         |               |     |               |               |                               |                        | 1.356         | 49,507  | 27.39        |               |     |              |
| PROPELLANT, SINGLE BASE, M231                                 |               |     |               |               |                               |                        | 1.923         | 168,227 | 11.43        |               |     |              |
| IGNITION SYSTEM PROPELLANT                                    |               |     |               |               |                               |                        | 0.024         | 3,076   | 7.79         |               |     |              |
| LAP CONTAINERS                                                |               |     |               |               |                               |                        | 0.514         | 12,377  | 41.57        |               |     |              |
| BLACK POWDER, M231                                            |               |     |               |               |                               |                        | 0.042         | 3,004   | 14.03        |               |     |              |
|                                                               |               |     |               |               |                               |                        |               |         |              |               |     |              |
| DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS                    |               |     |               |               |                               |                        |               |         |              |               |     |              |
| LAP, M232, MACS                                               |               |     |               |               |                               |                        | 1.565         | 76,615  | 20.42        |               |     |              |
| COMBUSTIBLE CASE SETS                                         |               |     |               |               |                               |                        | 2.393         | 78,913  | 30.33        |               |     |              |
| PROPELLANT, M232 TRIPLE BASE                                  |               |     |               |               |                               |                        | 4.777         | 383,073 | 12.47        |               |     |              |
| IGNITION SYSTEM SPHERIOCAL PROPELLANT                         |               |     |               |               |                               |                        | 0.038         | 4,903   | 7.79         |               |     |              |
| LAP CONTAINERS                                                |               |     |               |               |                               |                        | 0.707         | 15,783  | 44.82        |               |     |              |
| BLACK POWDER CLASS 1 (LB)                                     |               |     |               |               |                               |                        | 0.067         | 4,788   | 14.03        |               |     |              |
|                                                               |               |     |               |               |                               |                        |               |         |              |               |     |              |
|                                                               |               |     |               |               |                               |                        |               |         |              |               |     |              |

|                                                |               |                        |
|------------------------------------------------|---------------|------------------------|
| <b>Exhibit P-5, Cost Analysis</b><br>Continued | Weapon System | Date:<br>February 2010 |
|------------------------------------------------|---------------|------------------------|

Date:

February 2010

|                                                   |          |                             |
|---------------------------------------------------|----------|-----------------------------|
| Appropriation Code/Budget Activity/Serial Number: | ID Code: | P-1 Line Item Nomenclature: |
|---------------------------------------------------|----------|-----------------------------|

|                               |
|-------------------------------|
| (147300) ARTILLERY, ALL TYPES |
|-------------------------------|

|   |                               |
|---|-------------------------------|
| A | (147300) ARTILLERY, ALL TYPES |
|---|-------------------------------|

[illegible]



| Exhibit P-5a, Procurement History and Planning                                                                     |        |           |                       |                                                              | Weapon System            |                                     |            | Date:<br>February 2010 |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|--------|-----------|-----------------------|--------------------------------------------------------------|--------------------------|-------------------------------------|------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |           |                       | P-1 Line Item Nomenclature:<br>(147300) ARTILLERY, ALL TYPES |                          |                                     |            |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty    | Unit Cost | Location of PCO       | RFP Issue Date                                               | Contract Method and Type | Contractor and Location             | Award Date | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| D505, PROJ, 155MM, M485A2, ILLUM                                                                                   |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
| FY 2009                                                                                                            | 4,998  | 297.00    | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                    | PINE BLUFF ARSENAL, PINE BLUFF, AR  | DEC 08     | JAN 11                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 3,330  | 297.00    | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                    | PINE BLUFF ARSENAL, PINE BLUFF, AR  | DEC 08     | JAN 11                 | YES                      |                          |
| FY 2011                                                                                                            | 10,450 | 311.73    | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                    | PINE BLUFF ARSENAL, PINE BLUFF, AR  | DEC 10     | JUN 12                 | YES                      |                          |
| FY2011 OCO                                                                                                         | 5,916  | 311.73    | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                    | PINE BLUFF ARSENAL, PINE BLUFF, AR  | DEC 10     | JUN 12                 | YES                      |                          |
| PROJ MPTS(EA)                                                                                                      |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
| FY 2009                                                                                                            | 5,097  | 254.89    | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                     | IMT CORPORATION, INGERSOLL          | DEC 08     | DEC 09                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 3,398  | 254.89    | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                     | IMT CORPORATION, INGERSOLL          | DEC 08     | DEC 09                 | YES                      |                          |
| FY 2011                                                                                                            | 10,659 | 280.91    | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                     | IMT CORPORATION, INGERSOLL          | DEC 10     | DEC 11                 | YES                      |                          |
| FY2011 OCO                                                                                                         | 6,035  | 280.91    | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                     | IMT CORPORATION, INGERSOLL          | DEC 10     | DEC 11                 | YES                      |                          |
| CANISTER, BASE ASSY                                                                                                |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
| FY 2009                                                                                                            | 5,048  | 17.75     | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 10     | JUL 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 3,364  | 17.75     | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 10     | JUL 10                 | YES                      |                          |
| FY 2011                                                                                                            | 10,763 | 17.93     | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 11     | NOV 11                 | YES                      |                          |
| FY2011 OCO                                                                                                         | 6,094  | 17.93     | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 11     | NOV 11                 | YES                      |                          |
| CANISTER, MPTS ASSY                                                                                                |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
| FY 2009                                                                                                            | 5,048  | 59.57     | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 10     | JUL 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 3,364  | 59.57     | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 10     | JUL 10                 | YES                      |                          |
| FY 2011                                                                                                            | 10,763 | 61.34     | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 11     | NOV 11                 | YES                      |                          |
| FY2011 OCO                                                                                                         | 6,094  | 61.34     | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 11     | NOV 11                 | YES                      |                          |
| *UNIVERSAL LIFTING PLUG(EA)                                                                                        |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
| FY 2009                                                                                                            | 5,097  | 8.53      | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | CORONET MACHINERY CORP, YONKERS, NY | DEC 08     | NOV 09                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 3,398  | 8.53      | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | CORONET MACHINERY CORP, YONKERS, NY | DEC 08     | NOV 09                 | YES                      |                          |
| FY 2011                                                                                                            | 10,711 | 8.84      | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | DEC 10     | NOV 11                 | YES                      |                          |
| FY2011 OCO                                                                                                         | 6,065  | 8.84      | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | DEC 10     | NOV 11                 | YES                      |                          |
| PARACHUTE, MAIN                                                                                                    |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
| FY 2009                                                                                                            | 5,048  | 41.78     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 10     | JUL 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 3,364  | 41.78     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 10     | JUL 10                 | YES                      |                          |
| FY 2011                                                                                                            | 10,763 | 41.54     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 11     | NOV 11                 | YES                      |                          |
| FY2011 OCO                                                                                                         | 6,094  | 41.54     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 11     | NOV 11                 | YES                      |                          |
| PARACHUTE, DROGUE ASSY                                                                                             |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
| FY 2009                                                                                                            | 5,048  | 18.09     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 10     | JUL 10                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 3,364  | 18.09     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 10     | JUL 10                 | YES                      |                          |
| FY 2011                                                                                                            | 10,763 | 17.98     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 11     | NOV 11                 | YES                      |                          |
| FY2011 OCO                                                                                                         | 6,094  | 17.98     | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                     | TO BE DETERMINED (TBD)              | MAR 11     | NOV 11                 | YES                      |                          |
| GROMMET(EA)                                                                                                        |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
| FY 2009                                                                                                            | 5,147  | 6.00      | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                     | LC INDUSTRIES HAZELHURST, MS        | JAN 09     | OCT 09                 | YES                      |                          |
| FY 2009 OCO                                                                                                        | 3,431  | 6.00      | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                     | LC INDUSTRIES HAZELHURST, MS        | JAN 09     | OCT 09                 | YES                      |                          |
| FY 2011                                                                                                            | 10,763 | 6.26      | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                     | LC INDUSTRIES HAZELHURST, MS        | JAN 11     | OCT 11                 | YES                      |                          |
| FY2011 OCO                                                                                                         | 6,094  | 6.26      | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                     | LC INDUSTRIES HAZELHURST, MS        | JAN 11     | OCT 11                 | YES                      |                          |
|                                                                                                                    |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
|                                                                                                                    |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |
|                                                                                                                    |        |           |                       |                                                              |                          |                                     |            |                        |                          |                          |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |        |              |                       |                                                              | Weapon System                  |                                   |               | Date:<br>February 2010       |                                |                                |  |
|--------------------------------------------------------------------------------------------------------------------|--------|--------------|-----------------------|--------------------------------------------------------------|--------------------------------|-----------------------------------|---------------|------------------------------|--------------------------------|--------------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |              |                       | P-1 Line Item Nomenclature:<br>(147300) ARTILLERY, ALL TYPES |                                |                                   |               |                              |                                |                                |  |
|                                                                                                                    |        |              |                       | RFP<br>Issue<br>Date                                         | Contract<br>Method<br>and Type |                                   |               |                              |                                |                                |  |
| WBS COST ELEMENTS                                                                                                  | Qty    | Unit<br>Cost | Location of PCO       |                                                              |                                | Contractor and Location           | Award<br>Date | Date of<br>First<br>Delivery | Tech Data<br>Available<br>Now? | Date<br>Revisions<br>Available |  |
| PARACHUTE, MAIN SUPPORTS                                                                                           |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| FY 2009                                                                                                            | 20,487 | 4.00         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | MAR 10        | JUL 10                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 13,658 | 4.00         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | MAR 10        | JUL 10                       | YES                            |                                |  |
| FY 2011                                                                                                            | 42,844 | 3.96         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | JAN 11        | OCT 11                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 24,257 | 3.96         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | JAN 11        | OCT 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| PARACHUTE, DROGUE SUPPORTS                                                                                         |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| FY 2009                                                                                                            | 5,048  | 2.44         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | MAR 10        | JUL 10                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 3,364  | 2.44         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | MAR 10        | JUL 10                       | YES                            |                                |  |
| FY 2011                                                                                                            | 21,944 | 2.41         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | JAN 11        | OCT 11                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 12,425 | 2.41         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | JAN 11        | OCT 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| DELAY ELEMENT                                                                                                      |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| FY 2009                                                                                                            | 5,247  | 26.54        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | SECURITY SIGNALS INC, CORDOVA, TN | DEC 09        | AUG 10                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 3,498  | 26.54        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | SECURITY SIGNALS INC, CORDOVA, TN | DEC 09        | AUG 10                       | YES                            |                                |  |
| FY 2011                                                                                                            | 10,763 | 26.44        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                           | SECURITY SIGNALS INC, CORDOVA, TN | DEC 10        | AUG 11                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 6,094  | 26.44        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                           | SECURITY SIGNALS INC, CORDOVA, TN | DEC 10        | AUG 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| CANDLE                                                                                                             |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| FY 2009                                                                                                            | 5,197  | 316.23       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                          | CRANE AAP, CRANE, IN              | DEC 08        | AUG 09                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 3,465  | 316.23       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                          | CRANE AAP, CRANE, IN              | DEC 08        | AUG 09                       | YES                            |                                |  |
| FY 2011                                                                                                            | 10,868 | 331.97       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                          | CRANE AAP, CRANE, IN              | DEC 10        | AUG 11                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 6,153  | 331.97       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                          | CRANE AAP, CRANE, IN              | DEC 10        | AUG 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| D529, PROJ, 155MM, M795, HE EX RANGE                                                                               |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| FY 2009                                                                                                            | 67,032 | 109.14       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | AO, MIDDLETOWN, IO                | APR 09        | DEC 10                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 16,757 | 109.14       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | AO, MIDDLETOWN, IO                | APR 09        | DEC 10                       | YES                            |                                |  |
| FY 2010                                                                                                            | 18,552 | 101.94       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                           | AO, MIDDLETOWN, IO                | MAR 10        | DEC 11                       | YES                            |                                |  |
| FY2010 OCO                                                                                                         | 22,674 | 101.94       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                           | AO, MIDDLETOWN, IO                | MAR 10        | DEC 11                       | YES                            |                                |  |
| FY 2011                                                                                                            | 24,148 | 113.39       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                           | AO, MIDDLETOWN, IO                | MAR 11        | AUG 12                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 21,429 | 113.39       | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/OP                           | AO, MIDDLETOWN, IO                | MAR 11        | AUG 12                       | YES                            |                                |  |
|                                                                                                                    |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| LIFTING PLUGS                                                                                                      |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| FY 2009                                                                                                            | 68,372 | 7.44         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | J & M MACHINE PRODUCTS            | JUN 09        | SEP 10                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 17,093 | 7.44         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | J & M MACHINE PRODUCTS            | JUN 09        | SEP 10                       | YES                            |                                |  |
| FY 2010                                                                                                            | 18,923 | 9.26         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | MAR 10        | JAN 11                       | YES                            |                                |  |
| FY2010 OCO                                                                                                         | 23,128 | 9.26         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED (TBD)            | MAR 10        | JAN 11                       | YES                            |                                |  |
| FY 2011                                                                                                            | 24,631 | 7.60         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/OP                           | TO BE DETERMINED (TBD)            | MAR 11        | JAN 12                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 21,858 | 7.60         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/OP                           | TO BE DETERMINED (TBD)            | MAR 11        | JAN 12                       | YES                            |                                |  |
|                                                                                                                    |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| WOODEN PALLETS                                                                                                     |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |
| FY 2009                                                                                                            | 8,547  | 71.41        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | KNOX COUNTY ASSOC                 | JAN 09        | APR 09                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 2,136  | 71.41        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | KNOX COUNTY ASSOC                 | JAN 09        | APR 09                       | YES                            |                                |  |
| FY 2010                                                                                                            | 2,319  | 66.64        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/OP                           | KNOX COUNTY ASSOC                 | MAR 10        | JUN 10                       | YES                            |                                |  |
| FY2010 OCO                                                                                                         | 2,834  | 66.64        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/OP                           | KNOX COUNTY ASSOC                 | MAR 10        | JUN 10                       | YES                            |                                |  |
| FY 2011                                                                                                            | 3,079  | 72.31        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/OP                           | KNOX COUNTY ASSOC                 | MAR 11        | JUN 11                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 2,732  | 72.31        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/OP                           | KNOX COUNTY ASSOC                 | MAR 11        | JUN 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                       |                                                              |                                |                                   |               |                              |                                |                                |  |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |           |              |                       |                      | Weapon System                                                |                                | Date:<br>February 2010 |                              |                                |                                |  |
|--------------------------------------------------------------------------------------------------------------------|-----------|--------------|-----------------------|----------------------|--------------------------------------------------------------|--------------------------------|------------------------|------------------------------|--------------------------------|--------------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |           |              |                       |                      | P-1 Line Item Nomenclature:<br>(147300) ARTILLERY, ALL TYPES |                                |                        |                              |                                |                                |  |
|                                                                                                                    | Qty       | Unit<br>Cost | Location of PCO       | RFP<br>Issue<br>Date | Contract<br>Method<br>and Type                               | Contractor and Location        | Award<br>Date          | Date of<br>First<br>Delivery | Tech Data<br>Available<br>Now? | Date<br>Revisions<br>Available |  |
| WBS COST ELEMENTS                                                                                                  |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| PROJ M795 MPTS                                                                                                     |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| FY 2009                                                                                                            | 68,372    | 325.35       | PICATINNY ARSENAL, NJ | UNKNOWN              | C/FP                                                         | GDOTS, SCRANTON, PA            | FEB 09                 | MAY 09                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 17,093    | 325.35       | PICATINNY ARSENAL, NJ | UNKNOWN              | C/FP                                                         | GDOTS, SCRANTON, PA            | FEB 09                 | MAY 09                       | YES                            |                                |  |
| FY 2010                                                                                                            | 18,923    | 339.08       | PICATINNY ARSENAL, NJ | UNKNOWN              | C/OP                                                         | GDOTS, SCRANTON, PA            | FEB 10                 | MAY 10                       | YES                            |                                |  |
| FY2010 OCO                                                                                                         | 23,128    | 339.08       | PICATINNY ARSENAL, NJ | UNKNOWN              | C/OP                                                         | GDOTS, SCRANTON, PA            | FEB 10                 | MAY 10                       | YES                            |                                |  |
| FY 2011                                                                                                            | 24,631    | 358.80       | PICATINNY ARSENAL, NJ | UNKNOWN              | C/OP                                                         | GDOTS, SCRANTON, PA            | MAR 11                 | JUN 11                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 21,858    | 358.80       | PICATINNY ARSENAL, NJ | UNKNOWN              | C/OP                                                         | GDOTS, SCRANTON, PA            | MAR 11                 | JUN 11                       | YES                            |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| SUPPLEMENTAL CHARGES                                                                                               |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| FY 2009                                                                                                            | 68,372    | 5.56         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/FP                                                         | MCALISTER AAP, OK              | FEB 09                 | MAY 09                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 17,093    | 5.56         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/FP                                                         | MCALISTER AAP, OK              | FEB 09                 | MAY 09                       | YES                            |                                |  |
| FY 2010                                                                                                            | 18,923    | 5.61         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/FP                                                         | MCALISTER AAP, OK              | FEB 10                 | MAY 10                       | YES                            |                                |  |
| FY2010 OCO                                                                                                         | 23,128    | 5.61         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/FP                                                         | MCALISTER AAP, OK              | FEB 10                 | MAY 10                       | YES                            |                                |  |
| FY 2011                                                                                                            | 24,631    | 12.47        | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/FP                                                         | MCALISTER AAP, OK              | MAR 11                 | JUN 11                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 21,858    | 12.47        | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/FP                                                         | MCALISTER AAP, OK              | MAR 11                 | JUN 11                       | YES                            |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| TNT TYPE I GRADE A(LB)                                                                                             |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| FY 2009                                                                                                            | 2,010,936 | 4.30         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/FP                                                         | ATK, RADFORD, VA               | JUN 09                 | SEP 09                       | YES                            |                                |  |
| FY 2009 OCO                                                                                                        | 502,734   | 4.30         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/FP                                                         | ATK, RADFORD, VA               | JUN 09                 | SEP 09                       | YES                            |                                |  |
| FY 2010                                                                                                            | 556,551   | 4.30         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/OP                                                         | ATK, RADFORD, VA               | MAR 10                 | JUN 10                       | YES                            |                                |  |
| FY2010 OCO                                                                                                         | 680,229   | 4.30         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/OP                                                         | ATK, RADFORD, VA               | MAR 10                 | JUN 10                       | YES                            |                                |  |
| FY 2011                                                                                                            | 724,425   | 4.44         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/OP                                                         | ATK, RADFORD, VA               | MAR 11                 | JUN 11                       | YES                            |                                |  |
| FY2011 OCO                                                                                                         | 642,885   | 4.44         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/OP                                                         | ATK, RADFORD, VA               | MAR 11                 | JUN 11                       | YES                            |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| D544, 155MM, SMOKE WP                                                                                              |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| FY 2009 OCO                                                                                                        | 17,880    | 86.00        | JMC, ROCK ISLAND, IL  | UNKNOWN              | SS/OP                                                        | AO, LLC (IAAP), MIDDLETOWN, IA | MAR 10                 | DEC 10                       | NO                             |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| PROJ 155MM WP M110A2 MPTS(EA)                                                                                      |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| FY 2009 OCO                                                                                                        | 18,238    | 168.52       | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/OP                                                         | GDOTS, SCRANTON, PA            | SEP 09                 | JAN 10                       | NO                             |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| COMP B TYPE I, GRADE A LB                                                                                          |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| FY 2009 OCO                                                                                                        | 407,307   | 2.31         | JMC, ROCK ISLAND, IL  | UNKNOWN              | N/A                                                          | STOCK ISSUE                    | N/A                    | N/A                          | YES                            |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| PLUG, SHOCK ATTENUATING                                                                                            |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| FY 2009 OCO                                                                                                        | 18,327    | 5.75         | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/OP                                                         | CORONET MACHINERY, YONKERS, NY | SEP 09                 | FEB 10                       | NO                             |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| GROMMET(EA)                                                                                                        |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| FY 2009 OCO                                                                                                        | 18,417    | 1.72         | JMC, ROCK ISLAND, IL  | UNKNOWN              | SS/OP                                                        | LC INDUSTRIES, HAZELHURST, MS  | SEP 09                 | OCT 09                       | NO                             |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| SUPPLEMENTAL CHARGES                                                                                               |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
| FY 2009 OCO                                                                                                        | 18,238    | 12.00        | JMC, ROCK ISLAND, IL  | UNKNOWN              | C/FP                                                         | TO BE DETERMINED               | MAR 10                 | MAY 10                       | NO                             |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |
|                                                                                                                    |           |              |                       |                      |                                                              |                                |                        |                              |                                |                                |  |

| Exhibit P-5a, Procurement History and Planning<br>Continued   |         |           |                       |                | Weapon System                 |                                    | Date:<br>February 2010 |                        |                          |                          |  |
|---------------------------------------------------------------|---------|-----------|-----------------------|----------------|-------------------------------|------------------------------------|------------------------|------------------------|--------------------------|--------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:             |         |           |                       |                | P-1 Line Item Nomenclature:   |                                    |                        |                        |                          |                          |  |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |           |                       |                | (147300) ARTILLERY, ALL TYPES |                                    |                        |                        |                          |                          |  |
|                                                               | Qty     | Unit Cost | Location of PCO       | RFP Issue Date | Contract Method and Type      | Contractor and Location            | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |  |
| WBS COST ELEMENTS                                             |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| D550, PROJ, 155MM, M110A2, SMOKE WP                           |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| FY 2010                                                       | 21,079  | 272.61    | JMC, ROCK ISLAND, IL  | UNKNOWN        | SS/FP                         | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 10                 | JUL 11                 | YES                      |                          |  |
| FY2010 OCO                                                    | 17,247  | 272.61    | JMC, ROCK ISLAND, IL  | UNKNOWN        | SS/FP                         | PINE BLUFF ARSENAL, PINE BLUFF, AR | MAR 10                 | JUL 11                 | YES                      |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| PROJ 155MM WP M110A2 MPTS(EA)                                 |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| FY 2010                                                       | 21,501  | 269.53    | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/OP                          | GDOTS, SCRANTON, PA                | DEC 09                 | DEC 10                 | YES                      |                          |  |
| FY2010 OCO                                                    | 17,592  | 269.53    | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/OP                          | GDOTS, SCRANTON, PA                | DEC 09                 | DEC 10                 | YES                      |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| CHG BSTR M54A1 ASSY(EA)                                       |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| FY 2010                                                       | 21,712  | 111.13    | PICATINNY ARSENAL, NJ | UNKNOWN        | C/FP                          | TBD                                | MAR 10                 | MAR 11                 | YES                      |                          |  |
| FY2010 OCO                                                    | 17,764  | 111.13    | PICATINNY ARSENAL, NJ | UNKNOWN        | C/FP                          | TBD                                | MAR 10                 | MAR 11                 | YES                      |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| CASING BSTR(EA)                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| FY 2010                                                       | 21,501  | 69.62     | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/OP                          | GDOTS, SCRANTON, PA                | DEC 09                 | DEC 10                 | YES                      |                          |  |
| FY2010 OCO                                                    | 17,592  | 69.62     | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/OP                          | GDOTS, SCRANTON, PA                | DEC 09                 | DEC 10                 | YES                      |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| *TNT TYPE I FLAKE(LB)                                         |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| FY 2010                                                       | 4,505   | 2.50      | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/FP                          | TBD                                | MAR 10                 | JAN 11                 | YES                      |                          |  |
| FY2010 OCO                                                    | 3,686   | 2.50      | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/FP                          | TBD                                | MAR 10                 | JAN 11                 | YES                      |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| CYCLOTOL 75/25 TYPE 1                                         |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| FY 2010                                                       | 38,786  | 11.40     | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/FP                          | TBD                                | APR 10                 | OCT 10                 | YES                      |                          |  |
| FY2010 OCO                                                    | 31,734  | 11.40     | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/FP                          | TBD                                | APR 10                 | OCT 10                 | YES                      |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| *UNIVERSAL LIFTING PLUG(EA)                                   |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| FY 2010                                                       | 21,712  | 9.58      | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/FP                          | TBD                                | MAR 10                 | OCT 10                 | YES                      |                          |  |
| FY2010 OCO                                                    | 17,764  | 9.58      | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/FP                          | TBD                                | MAR 10                 | OCT 10                 | YES                      |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| GROMMET(EA)                                                   |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| FY 2010                                                       | 21,923  | 1.84      | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/OP                          | LC INDUSTRIES HAZELHURST,          | APR 10                 | OCT 10                 | YES                      |                          |  |
| FY2010 OCO                                                    | 17,937  | 1.84      | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/OP                          | LC INDUSTRIES HAZELHURST,          | APR 10                 | OCT 10                 | YES                      |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| DA12, CHG, 155MM, M231, MOD ARTY CHG SYS                      |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| LAP, M231 MACS                                                |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
| FY 2009                                                       | 345,000 | 15.38     | PICATINNY ARSENAL, NJ | UNKNOWN        | C/OP                          | GDOTS, CAMDEN, AR                  | FEB 09                 | JUL 10                 | YES                      |                          |  |
| FY 2010                                                       | 91,008  | 17.64     | PICATINNY ARSENAL, NJ | UNKNOWN        | C/OP                          | GDOTS, CAMDEN, AR                  | FEB 10                 | FEB 11                 | YES                      |                          |  |
| FY2010 OCO                                                    | 364,032 | 17.64     | PICATINNY ARSENAL, NJ | UNKNOWN        | C/OP                          | GDOTS, CAMDEN, AR                  | FEB 10                 | FEB 11                 | YES                      |                          |  |
| FY 2011                                                       | 188,135 | 16.36     | PICATINNY ARSENAL, NJ | UNKNOWN        | C/OP                          | GDOTS, CAMDEN, AR                  | FEB 11                 | MAR 12                 | YES                      |                          |  |
| FY2011 OCO                                                    | 48,065  | 16.36     | PICATINNY ARSENAL, NJ | UNKNOWN        | C/OP                          | GDOTS, CAMDEN, AR                  | FEB 11                 | MAR 12                 | YES                      |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |
|                                                               |         |           |                       |                |                               |                                    |                        |                        |                          |                          |  |

| Exhibit P-5a, Procurement History and Planning<br>Continued   |           |       |                       |         | Weapon System                 |                            | Date:<br>February 2010 |          |           |           |  |
|---------------------------------------------------------------|-----------|-------|-----------------------|---------|-------------------------------|----------------------------|------------------------|----------|-----------|-----------|--|
| Appropriation Code/Budget Activity/Serial Number:             |           |       |                       |         | P-1 Line Item Nomenclature:   |                            |                        |          |           |           |  |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |           |       |                       |         | (147300) ARTILLERY, ALL TYPES |                            |                        |          |           |           |  |
|                                                               |           | Unit  |                       | RFP     | Contract                      |                            |                        | Date of  | Tech Data | Date      |  |
| WBS COST ELEMENTS                                             | Qty       | Cost  | Location of PCO       | Issue   | Method                        | Contractor and Location    | Award                  | First    | Available | Revisions |  |
|                                                               |           |       |                       | Date    | and Type                      |                            | Date                   | Delivery | Now?      | Available |  |
| COMBUSTIBLE CASE SETS                                         |           |       |                       |         |                               |                            |                        |          |           |           |  |
| FY 2009                                                       | 355,350   | 28.54 | PICATINNY ARSENAL, NJ | UNKNOWN | SS/MY-2                       | ARMTEC, COACHELLA, CA      | APR 09                 | AUG 09   | YES       |           |  |
| FY 2010                                                       | 93,738    | 33.50 | PICATINNY ARSENAL, NJ | UNKNOWN | SS/MY-3                       | ARMTEC, COACHELLA, CA      | FEB 10                 | JUN 10   | YES       |           |  |
| FY2010 OCO                                                    | 374,953   | 33.50 | PICATINNY ARSENAL, NJ | UNKNOWN | SS/MY-3                       | ARMTEC, COACHELLA, CA      | FEB 10                 | JUN 10   | YES       |           |  |
| FY 2011                                                       | 193,779   | 27.39 | PICATINNY ARSENAL, NJ | UNKNOWN | SS/MY-4                       | ARMTEC, COACHELLA, CA      | FEB 11                 | MAR 11   | YES       |           |  |
| FY2011 OCO                                                    | 49,507    | 27.39 | PICATINNY ARSENAL, NJ | UNKNOWN | SS/MY-4                       | ARMTEC, COACHELLA, CA      | FEB 11                 | MAR 11   | YES       |           |  |
| PROPELLANT, SINGLE BASE, M231                                 |           |       |                       |         |                               |                            |                        |          |           |           |  |
| FY 2009                                                       | 1,207,500 | 8.00  | JMC, ROCK ISLAND, IL  | UNKNOWN | SS/OP                         | ATK, RADFORD, VA           | OCT 09                 | FEB 10   | YES       |           |  |
| FY 2010                                                       | 318,528   | 4.67  | JMC, ROCK ISLAND, IL  | UNKNOWN | SS/OP                         | ATK, RADFORD, VA           | FEB 10                 | JUN 10   | YES       |           |  |
| FY2010 OCO                                                    | 1,274,112 | 4.67  | JMC, ROCK ISLAND, IL  | UNKNOWN | SS/OP                         | ATK, RADFORD, VA           | FEB 10                 | JUN 10   | YES       |           |  |
| FY 2011                                                       | 658,473   | 11.43 | JMC, ROCK ISLAND, IL  | UNKNOWN | C/FP                          | TO BE DETERMINED           | FEB 11                 | AUG 11   | YES       |           |  |
| FY2011 OCO                                                    | 168,227   | 11.43 | JMC, ROCK ISLAND, IL  | UNKNOWN | C/FP                          | TO BE DETERMINED           | FEB 11                 | AUG 11   | YES       |           |  |
| IGNITION SYSTEM PROPELLANT                                    |           |       |                       |         |                               |                            |                        |          |           |           |  |
| FY 2009                                                       | 22,080    | 7.05  | PICATINNY ARSENAL, NJ | UNKNOWN | SS/OP                         | GD ST MARKS POWDER, KS, FL | FEB 09                 | SEP 09   | YES       |           |  |
| FY 2010                                                       | 5,825     | 7.40  | PICATINNY ARSENAL, NJ | UNKNOWN | SS/FP                         | GD ST MARKS POWDER, KS, FL | MAR 10                 | APR 10   | YES       |           |  |
| FY2010 OCO                                                    | 23,299    | 7.40  | PICATINNY ARSENAL, NJ | UNKNOWN | SS/FP                         | GD ST MARKS POWDER, KS, FL | MAR 10                 | APR 10   | YES       |           |  |
| FY 2011                                                       | 12,041    | 7.79  | PICATINNY ARSENAL, NJ | UNKNOWN | SS/OP                         | GD ST MARKS POWDER, KS, FL | FEB 11                 | MAY 11   | YES       |           |  |
| FY2011 OCO                                                    | 3,076     | 7.79  | PICATINNY ARSENAL, NJ | UNKNOWN | SS/OP                         | GD ST MARKS POWDER, KS, FL | FEB 11                 | MAY 11   | YES       |           |  |
| CONTAINERS                                                    |           |       |                       |         |                               |                            |                        |          |           |           |  |
| FY 2009                                                       | 88,838    | 38.56 | PICATINNY ARSENAL, NJ | UNKNOWN | C/OP                          | CONCO, LOUISVILLE, KY      | SEP 09                 | NOV 09   | YES       |           |  |
| FY 2010                                                       | 23,435    | 40.02 | JMC, ROCK ISLAND, IL  | UNKNOWN | C/FP                          | TO BE DETERMINED           | MAR 10                 | JUL 10   | YES       |           |  |
| FY2010 OCO                                                    | 93,738    | 40.02 | JMC, ROCK ISLAND, IL  | UNKNOWN | C/FP                          | TO BE DETERMINED           | MAR 10                 | JUL 10   | YES       |           |  |
| FY 2011                                                       | 48,445    | 41.57 | JMC, ROCK ISLAND, IL  | UNKNOWN | C/FP                          | TO BE DETERMINED           | FEB 11                 | MAY 11   | YES       |           |  |
| FY2011 OCO                                                    | 12,377    | 41.57 | JMC, ROCK ISLAND, IL  | UNKNOWN | C/FP                          | TO BE DETERMINED           | FEB 11                 | MAY 11   | YES       |           |  |
| BLACK POWDER, M231                                            |           |       |                       |         |                               |                            |                        |          |           |           |  |
| FY 2009                                                       | 21,563    | 13.50 | JMC, ROCK ISLAND, IL  | UNKNOWN | SS/OP                         | GOEX INC, DAYLINE, LA      | MAR 09                 | SEP 09   | YES       |           |  |
| FY 2010                                                       | 5,688     | 13.77 | JMC, ROCK ISLAND, IL  | UNKNOWN | SS/OP                         | GOEX INC, DAYLINE, LA      | FEB 10                 | APR 10   | YES       |           |  |
| FY2010 OCO                                                    | 22,752    | 13.77 | JMC, ROCK ISLAND, IL  | UNKNOWN | SS/OP                         | GOEX INC, DAYLINE, LA      | FEB 10                 | APR 10   | YES       |           |  |
| FY 2011                                                       | 11,759    | 14.03 | JMC, ROCK ISLAND, IL  | UNKNOWN | SS/FP                         | GOEX INC, DAYLINE, LA      | FEB 11                 | MAY 11   | YES       |           |  |
| FY2011 OCO                                                    | 3,004     | 14.03 | JMC, ROCK ISLAND, IL  | UNKNOWN | SS/FP                         | GOEX INC, DAYLINE, LA      | FEB 11                 | MAY 11   | YES       |           |  |
| DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS                    |           |       |                       |         |                               |                            |                        |          |           |           |  |
| LAP, M232, MACS                                               |           |       |                       |         |                               |                            |                        |          |           |           |  |
| FY 2009                                                       | 273,360   | 18.69 | PICATINNY ARSENAL, NJ | UNKNOWN | C/OP                          | GDOTS, CAMDEN, AR          | FEB 09                 | APR 11   | NO        |           |  |
| FY 2009 OCO                                                   | 410,040   | 18.69 | PICATINNY ARSENAL, NJ | UNKNOWN | C/OP                          | GDOTS, CAMDEN, AR          | FEB 09                 | APR 11   | NO        |           |  |
| FY 2010                                                       | 183,645   | 22.52 | PICATINNY ARSENAL, NJ | UNKNOWN | C/OP                          | GDOTS, CAMDEN, AR          | FEB 10                 | JAN 13   | NO        |           |  |
| FY2010 OCO                                                    | 150,255   | 22.52 | PICATINNY ARSENAL, NJ | UNKNOWN | C/OP                          | GDOTS, CAMDEN, AR          | FEB 10                 | JAN 13   | NO        |           |  |
| FY 2011                                                       | 167,885   | 20.42 | PICATINNY ARSENAL, NJ | UNKNOWN | C/FP                          | TO BE DETERMINED           | MAR 11                 | OCT 13   | NO        |           |  |
| FY2011 OCO                                                    | 76,615    | 20.42 | PICATINNY ARSENAL, NJ | UNKNOWN | C/FP                          | TO BE DETERMINED           | MAR 11                 | OCT 13   | NO        |           |  |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |           |              |                       |                                                              | Weapon System                  |                         | Date:<br>February 2010 |                              |                                |                                |
|--------------------------------------------------------------------------------------------------------------------|-----------|--------------|-----------------------|--------------------------------------------------------------|--------------------------------|-------------------------|------------------------|------------------------------|--------------------------------|--------------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |           |              |                       | P-1 Line Item Nomenclature:<br>(147300) ARTILLERY, ALL TYPES |                                |                         |                        |                              |                                |                                |
|                                                                                                                    |           |              |                       | RFP<br>Issue<br>Date                                         | Contract<br>Method<br>and Type |                         | Award<br>Date          | Date of<br>First<br>Delivery | Tech Data<br>Available<br>Now? | Date<br>Revisions<br>Available |
| WBS COST ELEMENTS                                                                                                  | Qty       | Unit<br>Cost | Location of PCO       |                                                              |                                | Contractor and Location |                        |                              |                                |                                |
| COMBUSTIBLE CASE SETS                                                                                              |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| FY 2009                                                                                                            | 281,606   | 29.59        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/MY-2                        | ARMTEC, COACHELLA, CA   | APR 09                 | JUN 10                       | NO                             |                                |
| FY 2009 OCO                                                                                                        | 422,410   | 29.59        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/MY-2                        | ARMTEC, COACHELLA, CA   | APR 09                 | JUN 10                       | NO                             |                                |
| FY 2010                                                                                                            | 189,154   | 33.50        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/MY-3                        | ARMTEC, COACHELLA, CA   | FEB 10                 | MAY 12                       | NO                             |                                |
| FY2010 OCO                                                                                                         | 154,763   | 33.50        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/MY-3                        | ARMTEC, COACHELLA, CA   | FEB 10                 | MAY 12                       | NO                             |                                |
| FY 2011                                                                                                            | 172,922   | 30.33        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/MY-4                        | ARMTEC, COACHELLA, CA   | FEB 11                 | MAR 13                       | NO                             |                                |
| FY2011 OCO                                                                                                         | 78,913    | 30.33        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/MY-4                        | ARMTEC, COACHELLA, CA   | FEB 11                 | MAR 13                       | NO                             |                                |
|                                                                                                                    |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| PROPELLANT, M232 TRIPLE BASE                                                                                       |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| FY 2009                                                                                                            | 1,367,200 | 10.89        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/OP                          | CANADIAN COMM CORP, CA  | FEB 09                 | JUN 10                       | NO                             |                                |
| FY 2009 OCO                                                                                                        | 2,050,800 | 10.89        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/OP                          | CANADIAN COMM CORP, CA  | FEB 09                 | JUN 10                       | NO                             |                                |
| FY 2010                                                                                                            | 918,225   | 12.27        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/OP                          | CANADIAN COMM CORP, CA  | MAR 10                 | JUL 12                       | NO                             |                                |
| FY2010 OCO                                                                                                         | 751,275   | 12.27        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/OP                          | CANADIAN COMM CORP, CA  | MAR 10                 | JUL 12                       | NO                             |                                |
| FY 2011                                                                                                            | 839,427   | 12.47        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED        | MAR 11                 | MAY 13                       | NO                             |                                |
| FY2011 OCO                                                                                                         | 383,073   | 12.47        | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED        | MAR 11                 | MAY 13                       | NO                             |                                |
|                                                                                                                    |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| IGNITION SYSTEM SPHERIOCAL PROPELLANT                                                                              |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| FY 2009                                                                                                            | 17,640    | 7.22         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/OP                          | GD ST MARKS POWDER, FL  | FEB 09                 | JUN 10                       | NO                             |                                |
| FY 2009 OCO                                                                                                        | 26,460    | 7.22         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/OP                          | GD ST MARKS POWDER, FL  | FEB 09                 | JUN 10                       | NO                             |                                |
| FY 2010                                                                                                            | 11,754    | 7.40         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/FP                          | GD ST MARKS POWDER, FL  | MAR 10                 | APR 11                       | NO                             |                                |
| FY2010 OCO                                                                                                         | 9,616     | 7.40         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/FP                          | GD ST MARKS POWDER, FL  | MAR 10                 | APR 11                       | NO                             |                                |
| FY 2011                                                                                                            | 10,745    | 7.79         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/OP                          | GD ST MARKS POWDER, FL  | FEB 11                 | MAY 11                       | NO                             |                                |
| FY2011 OCO                                                                                                         | 4,903     | 7.79         | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/OP                          | GD ST MARKS POWDER, FL  | FEB 11                 | MAY 11                       | NO                             |                                |
|                                                                                                                    |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| LAP CONTAINERS                                                                                                     |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| FY 2009                                                                                                            | 56,328    | 42.50        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED        | MAR 10                 | MAY 10                       | NO                             |                                |
| FY 2009 OCO                                                                                                        | 84,492    | 42.50        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED        | MAR 10                 | MAY 10                       | NO                             |                                |
| FY 2010                                                                                                            | 37,831    | 43.20        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED        | MAR 10                 | OCT 11                       | NO                             |                                |
| FY2010 OCO                                                                                                         | 30,952    | 43.20        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED        | MAR 10                 | OCT 11                       | NO                             |                                |
| FY 2011                                                                                                            | 34,584    | 44.82        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED        | FEB 11                 | JUL 12                       | NO                             |                                |
| FY2011 OCO                                                                                                         | 15,783    | 44.82        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | C/FP                           | TO BE DETERMINED        | FEB 11                 | JUL 12                       | NO                             |                                |
|                                                                                                                    |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| BLACK POWDER CLASS 1 (LB)                                                                                          |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| FY 2009                                                                                                            | 16,600    | 13.50        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/OP                          | GOEX INC, DAYLINE, LA   | MAR 09                 | JUN 10                       | NO                             |                                |
| FY 2009 OCO                                                                                                        | 24,900    | 13.50        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/OP                          | GOEX INC, DAYLINE, LA   | MAR 09                 | JUN 10                       | NO                             |                                |
| FY 2010                                                                                                            | 11,478    | 13.77        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/OP                          | GOEX INC, DAYLINE, LA   | FEB 10                 | APR 11                       | NO                             |                                |
| FY2010 OCO                                                                                                         | 9,391     | 13.77        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/OP                          | GOEX INC, DAYLINE, LA   | FEB 10                 | APR 11                       | NO                             |                                |
| FY 2011                                                                                                            | 10,493    | 14.03        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                          | GOEX INC, DAYLINE, LA   | FEB 11                 | MAY 11                       | NO                             |                                |
| FY2011 OCO                                                                                                         | 4,788     | 14.03        | JMC, ROCK ISLAND, IL  | UNKNOWN                                                      | SS/FP                          | GOEX INC, DAYLINE, LA   | FEB 11                 | MAY 11                       | NO                             |                                |
|                                                                                                                    |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| DA39/DA45 155MM, XM982, EXCALIBUR<br>COMPLETE ROUND                                                                |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
| FY2011 OCO                                                                                                         | 1,053     | 80,000.00    | PICATINNY ARSENAL, NJ | UNKNOWN                                                      | SS/OP                          | RAYTHEON, TUCSON, AZ    | JUN 11                 | MAY 12                       | YES                            |                                |
|                                                                                                                    |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
|                                                                                                                    |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |
|                                                                                                                    |           |              |                       |                                                              |                                |                         |                        |                              |                                |                                |

| Exhibit P-5a, Procurement History and Planning<br>Continued                                                        |        |           |                       |                | Weapon System                                                |                                    | Date:<br>February 2010 |                        |                          |                          |  |
|--------------------------------------------------------------------------------------------------------------------|--------|-----------|-----------------------|----------------|--------------------------------------------------------------|------------------------------------|------------------------|------------------------|--------------------------|--------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |           |                       |                | P-1 Line Item Nomenclature:<br>(147300) ARTILLERY, ALL TYPES |                                    |                        |                        |                          |                          |  |
|                                                                                                                    | Qty    | Unit Cost | Location of PCO       | RFP Issue Date | Contract Method and Type                                     | Contractor and Location            | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |  |
| WBS COST ELEMENTS                                                                                                  |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| CONTAINER SYSTEM                                                                                                   |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 1,053  | 1,000.00  | LOUISVILLE, KY        | UNKNOWN        | SS/OP                                                        | CONCO                              | JUN 11                 | APR 12                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| DA49, 155MM, IR ILLUM                                                                                              |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| LAP, M232, MACS                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 7,786  | 311.73    | JMC, ROCK ISLAND, IL  | UNKNOWN        | SS/FP                                                        | PINE BLUFF ARSENAL, PINE BLUFF, AR | DEC 10                 | JUN 12                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| PROJ MPTS(EA)                                                                                                      |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 7,942  | 280.91    | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/OP                                                         | IMT CORPORATION, INGERSOLL         | DEC 10                 | DEC 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| CANISTER, BASE ASSY                                                                                                |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 8,020  | 17.93     | PICATINNY ARSENAL, NJ | UNKNOWN        | C/FP                                                         | TO BE DETERMINED                   | MAR 11                 | NOV 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| CANISTER, MPTS ASSY                                                                                                |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 8,020  | 61.34     | PICATINNY ARSENAL, NJ | UNKNOWN        | C/FP                                                         | TO BE DETERMINED                   | MAR 11                 | NOV 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| *UNIVERSAL LIFTING PLUG(EA)                                                                                        |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 7,981  | 8.84      | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/FP                                                         | TO BE DETERMINED                   | DEC 10                 | NOV 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| PARACHUTE, MAIN                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 8,020  | 41.54     | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/FP                                                         | TO BE DETERMINED                   | MAR 11                 | NOV 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| PARACHUTE, DROGUE ASSY                                                                                             |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 8,020  | 17.98     | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/FP                                                         | TO BE DETERMINED                   | MAR 11                 | NOV 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| GROMMET(EA)                                                                                                        |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 8,020  | 6.26      | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/OP                                                         | LC INDUSTRIES, HAZELHURST, MS      | JAN 11                 | OCT 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| PARACHUTE, MAIN SUPPORTS                                                                                           |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 31,923 | 3.96      | PICATINNY ARSENAL, NJ | UNKNOWN        | C/FP                                                         | TO BE DETERMINED                   | JAN 11                 | OCT 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| PARACHUTE, DROGUE SUPPORTS                                                                                         |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 16,351 | 2.41      | PICATINNY ARSENAL, NJ | UNKNOWN        | C/FP                                                         | TO BE DETERMINED                   | JAN 11                 | OCT 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| DELAY ELEMENT                                                                                                      |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 8,020  | 26.44     | JMC, ROCK ISLAND, IL  | UNKNOWN        | C/OP                                                         | SECURITY SIGNALS INC, CORDOVA, TN  | DEC 10                 | AUG 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| CANDLE                                                                                                             |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
| FY2011 OCO                                                                                                         | 8,098  | 331.97    | JMC, ROCK ISLAND, IL  | UNKKNOWN       | SS/FPI                                                       | CRANE AAP, CRANE, IN               | DEC 10                 | AUG 11                 | YES                      |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |
|                                                                                                                    |        |           |                       |                |                                                              |                                    |                        |                        |                          |                          |  |





|               |
|---------------|
| Date:         |
| February 2010 |

Appropriation Code/Budget Activity/Serial Number:  
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition

|        |        |
|--------|--------|
| Weapon | System |
|--------|--------|

|                             |                                                      |
|-----------------------------|------------------------------------------------------|
| P-1 Line Item Nomenclature: | (147300) DODIC: D529, PROJ, 155MM, M795, HE EX RANGE |
|-----------------------------|------------------------------------------------------|

[illegible][illegible][illegible]

REMARKS:

|               |
|---------------|
| Date:         |
| February 2010 |

Appropriation Code/Budget Activity/Serial Number:  
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition

|        |        |
|--------|--------|
| Weapon | System |
|--------|--------|

|                             |                                                      |
|-----------------------------|------------------------------------------------------|
| P-1 Line Item Nomenclature: | (147300) DODIC: D529, PROJ, 155MM, M795, HE EX RANGE |
|-----------------------------|------------------------------------------------------|

[illegible][illegible][illegible]

REMARKS:



Date:  
February 2010

|                                                                                         |
|-----------------------------------------------------------------------------------------|
| February 2010                                                                           |
| P-1 Line Item Nomenclature:<br>(147300) DODIC: DA12, CHG, 155MM, M231, MOD ARTY CHG SYS |

[illegible][illegible][illegible]

|          |  |
|----------|--|
| REMARKS: |  |
|----------|--|



|                                   |                        |
|-----------------------------------|------------------------|
| Exhibit P-21, Production Schedule | Date:<br>February 2010 |
|-----------------------------------|------------------------|

|                                                               |        |                                                            |
|---------------------------------------------------------------|--------|------------------------------------------------------------|
| Appropriation Code/Budget Activity/Serial Number:             | Weapon | P-1 Line Item Nomenclature:                                |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition | System | (147300) DODIC: DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS |

[illegible][illegible]

|          |  |
|----------|--|
| REMARKS: |  |
|----------|--|



Date:  
February 2010

|               |                                                                     |
|---------------|---------------------------------------------------------------------|
| Weapon System | P-1 Line Item Nomenclature:<br>(147300) DODIC: DA49, 155MM IR ILLUM |
|---------------|---------------------------------------------------------------------|

[illegible][illegible][illegible]

|           |
|-----------|
| REMARKS : |
|-----------|



|                                                               |         |         |         |                                          |             |               |         |               |         |         |             |               |
|---------------------------------------------------------------|---------|---------|---------|------------------------------------------|-------------|---------------|---------|---------------|---------|---------|-------------|---------------|
| <b>Exhibit P-40, Budget Item Justification</b>                |         |         |         |                                          |             |               |         | Date:         |         |         |             |               |
|                                                               |         |         |         |                                          |             |               |         | FEBRUARY 2010 |         |         |             |               |
| Appropriation Code/Budget Activity/Serial Number:             |         |         |         | P-1 Item Nomenclature:                   |             |               |         |               |         |         |             |               |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |         |         | (150000) DEMOLITION MUNITIONS, ALL TYPES |             |               |         |               |         |         |             |               |
| Program Element for Code B Items:                             |         |         |         | Other Related Program Elements           |             |               |         |               |         |         |             |               |
|                                                               | ID Code | FY 2009 | FY 2010 | Base FY 2011                             | OCO FY 2011 | Total FY 2011 | FY 2012 | FY 2013       | FY 2014 | FY 2015 | To Complete | Total Program |
| Proc Qty                                                      |         |         |         |                                          |             |               |         |               |         |         |             |               |
| Gross Cost                                                    | A       | 29.394  | 24.081  | 19.464                                   | 9.296       | 28.760        | 22.878  | 19.485        | 19.831  | 20.186  |             | 164.615       |
|                                                               |         |         |         |                                          |             |               |         |               |         |         |             |               |
| Reserve                                                       | A       | 0.000   | 0.000   | 0.000                                    | 0.000       | 0.000         | 0.000   | 0.000         | 0.000   | 0.000   |             | 0.000         |

**Base Appropriations Request:**

The Cap, Blasting Electric MK17 MOD 1-HERO SAFE- (DODIC DWFP) is used for initiating high explosives with a blasting machine or other suitable source of electric power. It is capable of detonating all standard military explosives.

The Charge, Demolition Block M118 2 Pound Pentaerythritol Tetranitrate (PETN) (DODIC M024) is a general-purpose demolition. It is suitable for underwater use and is particularly effective against steel, concrete, and timber. This sheet can be cut to any desired shape and may be quickly applied to irregular and curved surfaces. This charge may be detonated by electric blasting caps, non-electric blasting caps, or detonating cord. Each box of the M118 Demolition Blocks comes with 80 blasting cap holders.

The Charge, Demolition Cratering 40-Pound (DODIC M039) is an alternate to the standard ammonium nitrate cratering charge for the destruction of buildings, structures, and fortifications. The charge is composed of approximately 40-pound of H-6 explosive and a .43-pound A-5 composition booster. H-6 explosive is a highly brisant explosive derived from the HBX family. A semicircular handle is also located on the top of the container for handling the charge or for attaching a line when lowering the charge in a hole.

The Cap, Blasting Non-Electric Inert (DODIC M097) is used in training personnel in the correct procedures for safe handling of non-electric blasting caps. The DODIC M097 is approximately 2.3 inches long and .23 inches in diameter. There are two holes drilled through the cap to signify that the cap is inert. A fuse cavity is located in one end of the blasting cap to receive a time safety fuse. The cap is painted black.

The Cap, Blasting Electric Inert (DODIC M098) is used in training personnel in the correct procedures for safe handling of electric blasting caps. The blasting cap is approximately 2.3 inches long and .23-inches in diameter. There are two lead wires approximately 12 feet in length. There are two holes drilled through the cap to signify that the cap is inert. The cap is painted black

The Cartridge, Impulse .50 Caliber (DODIC M174) is intended for use in Explosive Ordnance Disposal (EOD) tools and equipment. This cartridge is an electrically initiated gas producing device consisting of a MK1 Mod 2 electric squib containing diazodinitrophenol, potassium chlorate and black powder, and a main charge containing M-10 Single Base Propellant, black powder, and Type 1 Class 1 propellant.

The Charge, Demolition Shaped M3 Series 40-Pound (DODIC M421) is used for penetrating metal, concrete, earth or other materials. This charge consists of approximately 30 lbs. of 50/50 pentolite or 28.3 lbs. of Composition B with a 1.7 lbs. 50/50-pentolite booster. The explosive charge is enclosed in a sheet steel container with a metal cavity liner and a detachable standoff frame assembly. The standoff frame assembly has three legs and is about 15 inches tall.

|                                                               |         |         |         |                                          |             |               |         |               |         |         |             |               |
|---------------------------------------------------------------|---------|---------|---------|------------------------------------------|-------------|---------------|---------|---------------|---------|---------|-------------|---------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>     |         |         |         |                                          |             |               |         | Date:         |         |         |             |               |
|                                                               |         |         |         |                                          |             |               |         | FEBRUARY 2010 |         |         |             |               |
| Appropriation Code/Budget Activity/Serial Number:             |         |         |         | P-1 Item Nomenclature:                   |             |               |         |               |         |         |             |               |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |         |         | (150000) DEMOLITION MUNITIONS, ALL TYPES |             |               |         |               |         |         |             |               |
| Program Element for Code B Items:                             |         |         |         | Other Related Program Elements           |             |               |         |               |         |         |             |               |
|                                                               | ID Code | FY 2009 | FY 2010 | Base FY 2011                             | OCO FY 2011 | Total FY 2011 | FY 2012 | FY 2013       | FY 2014 | FY 2015 | To Complete | Total Program |
| Proc Qty                                                      |         |         |         |                                          |             |               |         |               |         |         |             |               |
| Gross Cost                                                    | A       | 29.394  | 24.081  | 19.464                                   | 9.296       | 28.760        | 22.878  | 19.485        | 19.831  | 20.186  |             | 164.615       |
|                                                               |         |         |         |                                          |             |               |         |               |         |         |             |               |
| Reserve                                                       | A       | 0.000   | 0.000   | 0.000                                    | 0.000       | 0.000         | 0.000   | 0.000         | 0.000   | 0.000   |             | 0.000         |

The Container, Demolition Charge MK7 Mod 7 (DODIC M483) is used as a form or mold in which plastic explosive can be pressed into a linear charge. The container consists of a mild steel body approximately 6.00 inches long and .75 inches wide. The container has a V-shaped cavity to mold the explosive linear charge. The charge is designed to snap together with other MK7 Mod 7 containers to form a charge of the required length.

The Charge, Assembly Demolition M183 Comp C-4 (DODIC M757) is used by assault demolition teams in general demolition operations such as reduction of small obstacles, cutting, breaching, and cratering. The M183 Charge Assembly consists of 16 M112 Demolition Blocks and 4 M15 Priming Assemblies. Each M112 block is composed of 1-1/4 pounds of Composition C-4. The M15 Priming Assembly is a 5-foot length of detonating cord with two plastic M1 Clips and 2 RDX boosters attached. The boosters, which are about ¼" in diameter and 2-inches in length contain approximately 13.5 grains of RDX.

Charge Demolition Explosive Sheet, 38 ft (DODIC M980) is used in general demolition as a cutting or breaching charge. M980 permits pinpoint metal cutting with minimum explosive loading. The sheet can be cut to provide the length of charge needed.

The Charge, Demolition Explosive sheet, 9ft (DODIC M986) is used in general demolition as a cutting or breaching charge. M986 permits pinpoint metal cutting with minimum explosive loading. The sheet can be cut to provide the length of charge needed.

The Cutter, High Explosive MK23 Mod 0 (DODIC ML04) is used for cutting or disrupting techniques against ordnance items. The charge consists of a plastic case, stand, and a metal sight. The main charge is 70/30 octol. The charge can be set up for electrical or non-electrical initiation using standard blasting caps.

The Cutter, High Explosive MK24 Mod 0 (DODIC ML05) is used for cutting or disrupting techniques against ordnance items. The charge consists of a plastic case, stand, and a metal sight. The main charge is 70/30 octol. The charge can be set up for electrical or non-electrical initiation using standard blasting caps.

The Charge, Demolition Flexible Linear Shaped 300 Grains Per Foot (DODIC MM24) is designed for fast and reliable cutting of materials. The DODIC MM24 will cut steel up to 0.18-inches thick or aluminum up to 0.39-inches thick. MM24 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Flexible 20 Gram Pentaerythritol Tetranitrate (PETN) MK140 Mod 0 (DODIC MM30) is intended to be used as an individual charge, or can be used as a booster for other charges. This charge can be used in all applications where demolitions are required.

The Charge, Demolition Flexible Linear Shaped 30 Grains Per Foot (DODIC MM41) is designed for fast and reliable cutting of materials. The DODIC MM41 will cut steel up to 0.06-inches thick or aluminum up to 0.11-inches thick. MM41 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

|                                                                                                                    |            |         |         |                                |                                                                    |                  |         |         |         |               |                |                  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|--------------------------------------------------------------------|------------------|---------|---------|---------|---------------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>                                                          |            |         |         |                                |                                                                    |                  |         |         |         | Date:         |                |                  |
|                                                                                                                    |            |         |         |                                |                                                                    |                  |         |         |         | FEBRUARY 2010 |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |         |                                | P-1 Item Nomenclature:<br>(150000) DEMOLITION MUNITIONS, ALL TYPES |                  |         |         |         |               |                |                  |
| Program Element for Code B Items:                                                                                  |            |         |         | Other Related Program Elements |                                                                    |                  |         |         |         |               |                |                  |
|                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011                                                     | Total<br>FY 2011 | FY 2012 | FY 2013 | FY 2014 | FY 2015       | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                           |            |         |         |                                |                                                                    |                  |         |         |         |               |                |                  |
| Gross Cost                                                                                                         | A          | 29.394  | 24.081  | 19.464                         | 9.296                                                              | 28.760           | 22.878  | 19.485  | 19.831  | 20.186        |                | 164.615          |
|                                                                                                                    |            |         |         |                                |                                                                    |                  |         |         |         |               |                |                  |
| Reserve                                                                                                            | A          | 0.000   | 0.000   | 0.000                          | 0.000                                                              | 0.000            | 0.000   | 0.000   | 0.000   | 0.000         |                | 0.000            |

The Charge, Demolition Flexible Linear Shaped 40 Grains Per Foot (DODIC MM42) is designed for fast and reliable cutting of materials. The DODIC MM42 will cut steel up to 0.05 inches thick, or aluminum up to 0.14 inches thick. MM42 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Flexible Linear Shaped 75 Grains Per Foot (DODIC MM44) is designed for fast and reliable cutting of materials. The DODIC MM44 will cut steel up to 0.10-inches thick or aluminum up to 0.16-inches thick. The DODIC MM44 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Flexible Linear Shaped 125 Grains Per Foot (DODIC MM45) is designed for fast and reliable cutting of materials. The DODIC MM45 will cut steel up to 0.13-inches thick, or aluminum up to 0.21-inches thick. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action. The charge contains 125 grains per foot of CH-6. The lead sheathing is blue/gray in color and is 6-feet long.

The Charge, Demolition Flexible Linear Shaped 225 Grains Per Foot (DODIC MM46) is designed for fast and reliable cutting of materials. The DODIC MM46 will cut steel up to 0.18-inches thick, or aluminum up to 0.31-inches thick. MM46 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Flexible Linear Shaped 400 Grains Per Foot (DODIC MM47) is designed for fast and reliable cutting of materials. The DODIC MM47 will cut steel up to 0.20-inches thick or aluminum up to 0.41-inches thick. MM47 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Flexible Linear Shaped 600 Grains Per Foot (DODIC MM48) is designed for fast and reliable cutting of materials. The DODIC MM48 will cut steel up to 0.27-inches thick or aluminum up to 0.46-inches thick. MM48 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

The Charge, Demolition Low Hazard MK143 Mod 0 600 Grains Per Foot (DODIC MM51) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 600 grains per foot of a commercial plastic bonded explosive.

The Charge, Demolition Low Hazard MK144 Mod 0 1200 Grains Per Foot (DODIC MM52) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 1200 grains per foot of a commercial plastic bonded explosive.

The Charge, Demolition Low Hazard Mk145 Mod 0 2400 Grains Per Foot (DODIC MM53) is a continuous explosive core of plastic-bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 2400 grains per foot of a commercial plastic bonded explosive.

|                                                                                                                    |            |         |         |                                                                    |                |                  |         |               |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------------------------------------------|----------------|------------------|---------|---------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification, Continued</b>                                                          |            |         |         |                                                                    |                |                  |         | Date:         |         |         |                |                  |
|                                                                                                                    |            |         |         |                                                                    |                |                  |         | FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |         |         | P-1 Item Nomenclature:<br>(150000) DEMOLITION MUNITIONS, ALL TYPES |                |                  |         |               |         |         |                |                  |
| Program Element for Code B Items:                                                                                  |            |         |         | Other Related Program Elements                                     |                |                  |         |               |         |         |                |                  |
|                                                                                                                    | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                                                    | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012 | FY 2013       | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                           |            |         |         |                                                                    |                |                  |         |               |         |         |                |                  |
| Gross Cost                                                                                                         | A          | 29.394  | 24.081  | 19.464                                                             | 9.296          | 28.760           | 22.878  | 19.485        | 19.831  | 20.186  |                | 164.615          |
|                                                                                                                    |            |         |         |                                                                    |                |                  |         |               |         |         |                |                  |
| Reserve                                                                                                            | A          | 0.000   | 0.000   | 0.000                                                              | 0.000          | 0.000            | 0.000   | 0.000         | 0.000   | 0.000   |                | 0.000            |

The Charge, Demolition Low Hazard Mk149 Mod 0 5400 Grains Per Foot (DODIC MM54) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 5400 grains per foot of a commercial plastic bonded explosive.

The Canine Explosive Scent Kit (DODIC MN01) is composed of different samples of common explosives used to train dogs to detect explosives. The samples are packaged in individual containers. The types of explosives can vary based on the type of training being conducted. These samples may be of dynamite, time-safety fuze, C4, TNT, detonating cord, smokeless powder, and water gel explosive.

The Firing Device, Demolition, Delay type, M147 (DODIC MN11) is intended for use with antipersonnel mines and when setting up booby-traps using demolition charges. The device provides a simple means of initiation of booby-traps. It is electronic and can be set to fire between 5 minutes to 30 days.

The Firing Device, Handheld (Inert) MK 54 MOD 0 (DODIC MN14) consists of two stainless steel cylindrical assemblies connected by a trigger mechanism. A secondary safety pin is inserted through the assemblies. The firing ends of the assemblies are internally threaded to receive the applicable pyrotechnic lead initiator. Each assembly contains a spring-loaded firing pin that can be recocked by the sear lever on the trigger mechanism. The MK 54 MOD 0 is used to initiate the MK23, MK24 and MK25 MODS pyrotechnic lead initiators.

The Detonator, four second delay (DODIC MN50) are used in military demolitions, explosive ordnance disposal, minefield clearing, and special applications. The detonator (DODIC MN50) is a linear signal transmission device designed to transmit an energetic signal through shock tube to a specific detonating output. This detonator is designed to be interoperable with munitions, cap wells, detonating cords, high explosives, and lead in lines.

The Detonator, Non-Electric MK154 (DODIC MN52) is used in place of the M7 Non-Electric Blasting Cap or the M6 Electric Blasting Cap. It is used where a non-electric waterproof application is desired. The system consists of a dual non-fragmenting 100-foot, co-extruded, olive drab, plastic polyethylene pyrotechnic lead (shock tube) containing less than 0.1 grains per foot of HMX with two factory crimped M7 Detonators.

The Booster, Demolition Charge, M152, (DODIC MN69) begin with five grain per foot PETN detonating cord that is figure-eight coiled and integrated to a booster charge containing 13.5 grains of PETN. The assemblies have J-hooks for fast, secure, and reliable connection to detonating cords. Initiation of assemblies is delivered from detonating cord or blasting caps.

**FY11 Overseas Contingency Operations Request (OCO)**

DODIC MM52, \$1.809. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

DODIC MM52, \$7.487. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.

| Exhibit P-40a, Budget Item Justification for Aggregated Items |         |         |                                          |              | Date:         |               |  |  |  |
|---------------------------------------------------------------|---------|---------|------------------------------------------|--------------|---------------|---------------|--|--|--|
|                                                               |         |         |                                          |              | FEBRUARY 2010 |               |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:             |         |         | P-1 Item Nomenclature:                   |              |               |               |  |  |  |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |         | (150000) DEMOLITION MUNITIONS, ALL TYPES |              |               |               |  |  |  |
|                                                               | ID Code | FY 2009 | FY 2010                                  | Base FY 2011 | OCO FY 2011   | Total FY 2011 |  |  |  |
| DWFP, CAP, BLASTING, ELECT, MK17 MOD 1                        | A       | 0.167   | 0.200                                    | 2.000        | 0.000         | 2.000         |  |  |  |
| QTY                                                           |         | 7952    | 9429                                     | 97181        |               | 97181         |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| ML04, CUTTER POWDER ACTUATED MK23                             | A       | 0.526   | 0.100                                    | 0.000        | 0.000         | 0.000         |  |  |  |
| QTY                                                           |         | 2951    | 544                                      | 0            |               | 0             |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| ML05, CUTTER POWDER ACTUATED MK24                             | A       | 0.898   | 0.100                                    | 0.500        | 0.000         | 0.500         |  |  |  |
| QTY                                                           |         | 4653    | 517                                      | 2513         |               | 2513          |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| MM24, CHARGE, DEMO, MK 142-0, LOW HAZARD FLEXI                | A       | 0.000   | 0.200                                    | 0.200        | 0.000         | 0.200         |  |  |  |
| QTY                                                           |         | 0       | 12150                                    | 11799        |               | 11799         |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| MM30, CHARGE, FLEXIBLE 20 GRAM                                | A       | 0.212   | 0.354                                    | 0.000        | 0.000         | 0.000         |  |  |  |
| QTY                                                           |         | 76534   | 127798                                   | 0            |               | 0             |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| MM41, CHARGE, DEMO FLSC 30 GR/FT                              | A       | 0.000   | 0.200                                    | 0.000        | 0.000         | 0.000         |  |  |  |
| QTY                                                           |         | 0       | 4597                                     | 0            |               | 0             |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| MM42, CHARGE, DEMO FLSC 40 GR/FT                              | A       | 0.000   | 0.130                                    | 0.750        | 0.000         | 0.750         |  |  |  |
| QTY                                                           |         | 0       | 2498                                     | 13995        |               | 13995         |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| MM44, CHARGE, DEMO FLSC 75 GR/FT                              | A       | 0.400   | 0.100                                    | 1.000        | 0.000         | 1.000         |  |  |  |
| QTY                                                           |         | 8510    | 2128                                     | 20665        |               | 20665         |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| MM45, CHARGE, DEMO FLSC 125 GR/FT                             | A       | 0.000   | 0.100                                    | 1.000        | 0.000         | 1.000         |  |  |  |
| QTY                                                           |         | 0       | 2066                                     | 20068        |               | 20068         |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| MM46, CHARGE, DEMO FLSC 225 GR/FT                             | A       | 0.000   | 0.000                                    | 1.000        | 0.000         | 1.000         |  |  |  |
| QTY                                                           |         | 0       | 0                                        | 12286        |               | 12286         |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| MM47, CHARGE, DEMO FLSC 400 GR/FT                             | A       | 0.000   | 0.000                                    | 0.584        | 0.000         | 0.584         |  |  |  |
| QTY                                                           |         | 0       | 0                                        | 11232        |               | 11232         |  |  |  |
|                                                               |         |         |                                          |              |               |               |  |  |  |
| Subtotal                                                      |         | 2.203   | 1.484                                    | 7.034        | 0.000         | 7.034         |  |  |  |

| Exhibit P-40a, Budget Item Justification for Aggregated Items, Continued |         |         |                                          |              | Date:         |               |  |  |  |
|--------------------------------------------------------------------------|---------|---------|------------------------------------------|--------------|---------------|---------------|--|--|--|
|                                                                          |         |         |                                          |              | FEBRUARY 2010 |               |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:                        |         |         | P-1 Item Nomenclature:                   |              |               |               |  |  |  |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition            |         |         | (150000) DEMOLITION MUNITIONS, ALL TYPES |              |               |               |  |  |  |
|                                                                          | ID Code | FY 2009 | FY 2010                                  | Base FY 2011 | OCO FY 2011   | Total FY 2011 |  |  |  |
| MM48, CHARGE, DEMO FLSC 600 GR/FT                                        | A       | 0.000   | 0.000                                    | 1.000        | 0.000         | 1.000         |  |  |  |
| QTY                                                                      |         | 0       | 0                                        | 18484        |               | 18484         |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
| MM51, CHARGE, DEMO FLSC 600 GR/FT                                        | A       | 0.042   | 0.000                                    | 0.000        | 0.000         | 0.000         |  |  |  |
| QTY                                                                      |         | 2446    | 0                                        | 0            |               | 0             |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
| MM53, CHARGE, DEMO FLSC 2400 GR/FT                                       | A       | 5.689   | 0.400                                    | 0.400        | 0.000         | 0.400         |  |  |  |
| QTY                                                                      |         | 181583  | 12767                                    | 12767        |               | 12767         |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
| MM54, CHARGE, DEMO FLSC 5400 GR/FT                                       | A       | 2.181   | 0.200                                    | 0.200        | 0.000         | 0.200         |  |  |  |
| QTY                                                                      |         | 43707   | 4008                                     | 4008         |               | 4008          |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
| MN01, SCENT KIT EXPL DETECT DOG                                          | A       | 2.366   | 0.035                                    | 0.034        | 0.000         | 0.034         |  |  |  |
| QTY                                                                      |         | 2366    | 35                                       | 34           |               | 34            |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
| MN11, DEVICE, DEMOLITION FIRING, DELAY TYPE,                             | A       | 0.000   | 0.000                                    | 0.400        | 0.000         | 0.400         |  |  |  |
| QTY                                                                      |         | 0       | 0                                        | 511          |               | 511           |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
| MN14, DUAL FIRING DEVICE MK54                                            | A       | 1.000   | 0.000                                    | 1.999        | 0.000         | 1.999         |  |  |  |
| QTY                                                                      |         | 5000    | 0                                        | 9995         |               | 9995          |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
| MN50, DETONATOR, DELAY, MK 150/0 W/IN-LINE IN                            | A       | 0.000   | 0.200                                    | 0.000        | 0.000         | 0.000         |  |  |  |
| QTY                                                                      |         | 0       | 7299                                     | 0            |               | 0             |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
| Subtotal                                                                 |         | 11.278  | 0.835                                    | 4.033        | 0.000         | 4.033         |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
|                                                                          |         |         |                                          |              |               |               |  |  |  |
| TOTAL                                                                    |         | 13.481  | 2.319                                    | 11.067       | 0.000         | 11.067        |  |  |  |
| ACTIVE                                                                   |         | 13.481  | 2.319                                    | 11.067       | 0.000         | 11.067        |  |  |  |
| RESERVES                                                                 |         | 0.000   | 0.000                                    | 0.000        | 0.000         | 0.000         |  |  |  |

| Exhibit P-5, Cost Analysis                                    |       |        | Weapon System |                                          | Date:<br>FEBRUARY 2010 |         |       |        |          |  |  |  |
|---------------------------------------------------------------|-------|--------|---------------|------------------------------------------|------------------------|---------|-------|--------|----------|--|--|--|
| Appropriation Code/Budget Activity/Serial Number:             |       |        | ID Code:      | P-1 Line Item Nomenclature:              |                        |         |       |        |          |  |  |  |
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |       |        | A             | (150000) DEMOLITION MUNITIONS, ALL TYPES |                        |         |       |        |          |  |  |  |
|                                                               | FY09  |        |               | FY10                                     |                        |         | FY11  |        |          |  |  |  |
|                                                               | Total |        | Unit          | Total                                    |                        | Unit    | Total |        | Unit     |  |  |  |
| WBS COST ELEMENTS                                             | Cost  | Qty    | Cost          | Cost                                     | Qty                    | Cost    | Cost  | Qty    | Cost     |  |  |  |
| BASELINE                                                      |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| HARDWARE                                                      |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M024, CHG DEMO BLOCK PETN                                     |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| COMPLETE ROUND                                                | 0.200 | 3,148  | 63.53         | 0.757                                    | 10,017                 | 75.62   | 0.018 | 177    | 99.14    |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M039, CHARGE, DEMO 40 LB CRATERING                            |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   | 0.400 | 1,047  | 381.75        | 3.462                                    | 8,176                  | 423.47  |       |        |          |  |  |  |
| * COMP D-2 (LB)                                               | 0.200 | 3,333  | 60.00         | 0.313                                    | 18,805                 | 16.64   |       |        |          |  |  |  |
| *COMP B TYPE I GRADE A(LB)                                    | 0.100 | 42,194 | 2.37          | 0.724                                    | 304,767                | 2.37    |       |        |          |  |  |  |
| ALUMINUM POWDER (LB)                                          | 0.050 | 27,322 | 1.83          | 0.194                                    | 84,295                 | 2.30    |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M097, CAP, BLASTING NON-ELEC INERT                            | 0.400 | 23,001 | 17.39         | 0.180                                    | 22,207                 | 8.08    | 0.024 | 3,042  | 7.84     |  |  |  |
| COMPLETE ROUND                                                |       |        |               |                                          |                        |         |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M098, CAP, BLASTING ELECTRIC INERT                            |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| COMPLETE ROUND                                                | 0.500 | 54,764 | 9.13          | 0.200                                    | 21,574                 | 9.27    | 0.200 | 21,231 | 9.42     |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M174, CARTRIDGE, IMPULSE .50 CALIBER                          |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| COMPLETE ROUND                                                | 0.500 | 29,673 | 16.85         |                                          |                        |         |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M421, CHARGE, DEMO SHAPED 40 LB                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   | 1.350 | 1,756  | 768.60        | 0.291                                    | 212                    | 1370.30 | 0.212 | 153    | 1,386.74 |  |  |  |
| *COMP B TYPE I GRADE A(LB)                                    | 0.200 | 86,580 | 2.31          | 0.016                                    | 6,582                  | 2.37    | 0.012 | 4,750  | 2.54     |  |  |  |
| COMP A-3 (LB)                                                 | 0.080 | 34,632 | 2.31          | 0.001                                    | 24                     | 2.34    | 0.001 | 18     | 2.37     |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M483, EOD DEVICE, MK 7 MOD 7                                  |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| COMPLETE ROUND                                                | 0.375 | 11,671 | 32.13         |                                          |                        |         |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M757, CHARGE, ASSEMBLY DEMOLITION                             |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   |       |        |               | 3.411                                    | 13,794                 | 247.28  |       |        |          |  |  |  |
| COMP C-4 CLASS 3(LB)                                          |       |        |               | 5.646                                    | 291,330                | 19.38   |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M980, CHG, DEMO EXPLOSIVE SHEET 38FT                          |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| LOAD, ASSEMBLE & PACK (LAP)                                   | 0.905 | 67,184 | 13.47         | 0.187                                    | 10,847                 | 17.21   | 1.591 | 83,561 | 19.04    |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| M986, CHG, DEMO SHEET, 9FT PETN                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
| COMPLETE ROUND                                                | 0.349 | 5,165  | 67.48         | 0.358                                    | 6,132                  | 58.43   | 0.382 | 4,090  | 93.40    |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |
|                                                               |       |        |               |                                          |                        |         |       |        |          |  |  |  |

|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|---------------|---------|-----------|---------------|---------|-------------------------------------------------------------------------|------------------------|---------|-----------|--|--|--|
| <b>Exhibit P-5, Cost Analysis</b><br>Continued                                                                     |               |         |           | Weapon System |         |                                                                         | Date:<br>FEBRUARY 2010 |         |           |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |         |           | ID Code:<br>A |         | P-1 Line Item Nomenclature:<br>(150000) DEMOLITION MUNITIONS, ALL TYPES |                        |         |           |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09          |         |           | FY10          |         |                                                                         | FY11                   |         |           |  |  |  |
|                                                                                                                    | Total Cost    | Qty     | Unit Cost | Total Cost    | Qty     | Unit Cost                                                               | Total Cost             | Qty     | Unit Cost |  |  |  |
| <b>BASELINE</b>                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| MM52, CHARGE, DEMO FLSC 1200 GR/FT                                                                                 |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| COMPLETE ROUND                                                                                                     | 0.893         | 37,130  | 24.05     | 0.400         | 16,632  | 24.05                                                                   | 0.000                  | 0       | 0.00      |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| MN52, DETONATOR, NON-ELECTRIC MK154                                                                                |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| COMPLETE ROUND                                                                                                     | 8.236         | 189,988 | 43.35     | 5.091         | 117,439 | 43.35                                                                   | 4.776                  | 110,173 | 43.35     |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| MN69, BOOSTER, DEMO CHARGE                                                                                         |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| COMPLETE ROUND                                                                                                     | 1.000         | 136,054 | 7.35      | 0.400         | 44,296  | 9.03                                                                    | 0.400                  | 43,431  | 9.21      |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| <b>Subtotal Baseline</b>                                                                                           | <b>15.738</b> |         |           | <b>21.631</b> |         |                                                                         | <b>7.616</b>           |         |           |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| <b>FY11 OCO</b>                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| MM52, CHARGE, DEMO FLSC 1200 GR/FT                                                                                 |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| COMPLETE ROUND                                                                                                     |               |         |           |               |         |                                                                         | 9.296                  | 289,144 | 32.15     |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| <b>Subtotal FY11 OCO</b>                                                                                           |               |         |           |               |         |                                                                         | <b>9.296</b>           |         |           |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| PRODUCT                                                                                                            |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| ACCEPTANCE TESTING                                                                                                 | 0.000         |         |           | 0.000         |         |                                                                         | 0.000                  |         |           |  |  |  |
| PRODUCTION ENGINEERING                                                                                             | 0.173         |         |           | 0.610         |         |                                                                         | 0.718                  |         |           |  |  |  |
| QUALITY ASSURANCE                                                                                                  | 0.004         |         |           | 0.042         |         |                                                                         | 0.017                  |         |           |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| NONRECURRING                                                                                                       |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| GOVERNMENT FURNISHED MATERIAL                                                                                      | -0.458        |         |           | -0.570        |         |                                                                         | -0.012                 |         |           |  |  |  |
| PACKAGE, CRATING & HANDLING                                                                                        | 0.000         |         |           | 0.005         |         |                                                                         | 0.000                  |         |           |  |  |  |
| PC&H F/AL POWDER                                                                                                   | 0.004         |         |           | 0.000         |         |                                                                         | 0.000                  |         |           |  |  |  |
| PC&H F/COMP B                                                                                                      | 0.064         |         |           | 0.000         |         |                                                                         | 0.000                  |         |           |  |  |  |
| SCREEN/REPACK COMP D-2                                                                                             | 0.023         |         |           | 0.000         |         |                                                                         | 0.000                  |         |           |  |  |  |
| FIRST ARTICLE TESTING                                                                                              | 0.241         |         |           | 0.015         |         |                                                                         | 0.058                  |         |           |  |  |  |
| NONRECURRING ENG                                                                                                   | 0.018         |         |           | 0.029         |         |                                                                         | 0.000                  |         |           |  |  |  |
| PRODUCIBILITY STUDY                                                                                                | 0.092         |         |           | 0.000         |         |                                                                         | 0.000                  |         |           |  |  |  |
| TDP REVIEW F/M097 BLAST CAP                                                                                        | 0.002         |         |           | 0.000         |         |                                                                         | 0.000                  |         |           |  |  |  |
| TDP UPDATE                                                                                                         | 0.012         |         |           | 0.000         |         |                                                                         | 0.000                  |         |           |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
|                                                                                                                    |               |         |           |               |         |                                                                         |                        |         |           |  |  |  |
| <b>TOTAL</b>                                                                                                       | <b>15.913</b> |         |           | <b>21.762</b> |         |                                                                         | <b>17.693</b>          |         |           |  |  |  |
| <b>ACTIVE</b>                                                                                                      | <b>15.913</b> |         |           | <b>21.762</b> |         |                                                                         | <b>17.693</b>          |         |           |  |  |  |
| <b>RESERVE</b>                                                                                                     | <b>0.000</b>  |         |           | <b>0.000</b>  |         |                                                                         | <b>0.000</b>           |         |           |  |  |  |



| Exhibit P-5a, Procurement History and Planning                                                                     |         |           |                      |                                                                         | Weapon System            |                              | Date:<br>FEBRUARY 2010 |                        |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|---------|-----------|----------------------|-------------------------------------------------------------------------|--------------------------|------------------------------|------------------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |           |                      | P-1 Line Item Nomenclature:<br>(150000) DEMOLITION MUNITIONS, ALL TYPES |                          |                              |                        |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty     | Unit Cost | Location of PCO      | RFP Issue Date                                                          | Contract Method and Type | Contractor and Location      | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| M024, CHG DEMO BLOCK PETN                                                                                          |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| COMPLETE ROUND                                                                                                     |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 3,148   | 63.53     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | ENSIGN-BICKFORD, SIMSBURY CT | SEP 09                 | SEP 10                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 10,017  | 75.62     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | ENSIGN-BICKFORD, SIMSBURY CT | MAR 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 177     | 99.14     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | ENSIGN-BICKFORD, SIMSBURY CT | MAR 11                 | DEC 11                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| M039, CHG, DEMO 40 LB CRATERING                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 1,047   | 381.75    | JMC, ROCK ISLAND, IL | OCT 08                                                                  | C/FP                     | AMERICAN ORD LLC (IAAP)      | JAN 09                 | JUN 10                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 8,176   | 423.47    | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | AMERICAN ORD LLC (IAAP)      | MAR 10                 | JUN 11                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| * COMP D-2 (LB)                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 3,333   | 60.00     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | SS/FP                    | ORDNANCE SYS INC (HAAP)      | SEP 09                 | MAR 10                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 18,805  | 16.64     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | SS/OPTION                | ORDNANCE SYS INC (HAAP)      | MAR 10                 | SEP 10                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| *COMP B TYPE I GRADE A(LB)                                                                                         |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 42,194  | 2.37      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | N/A                      | STOCK ISSUE                  | N/A                    | N/A                    |                          |                          |
| FY 2010 Baseline                                                                                                   | 304,767 | 2.37      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | N/A                      | STOCK ISSUE                  | N/A                    | N/A                    | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| ALUMINUM POWDER (LB)                                                                                               |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 27,322  | 1.83      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | AMPAL INC, PALMERTON PA      | MAY 09                 | SEP 09                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 84,295  | 2.30      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | TO BE SELECTED               | MAR 10                 | JUL 10                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| M097, CAP, BLAST NON-ELEC INERT                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| COMPLETE ROUND                                                                                                     |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 23,001  | 17.39     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | STRESAU LAB INC, SPOONER WI  | DEC 09                 | DEC 10                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 22,207  | 8.08      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | STRESAU LAB INC, SPOONER WI  | MAR 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 3,042   | 7.84      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | STRESAU LAB INC, SPOONER WI  | MAR 11                 | DEC 11                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| M098, CAP, BLAST ELECTRIC INERT                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| COMPLETE ROUND                                                                                                     |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 54,764  | 9.13      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | TO BE SELECTED               | MAY 10                 | DEC 10                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 21,574  | 9.27      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | TO BE SELECTED               | MAY 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 21,231  | 9.42      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | TO BE SELECTED               | MAR 11                 | SEP 11                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| M174, CARTRIDGE, IMPULSE .50 CAL                                                                                   |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| COMPLETE ROUND                                                                                                     |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 29,673  | 16.85     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | TO BE SELECTED               | MAY 10                 | MAY 11                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| M421, CHARGE, DEMO SHAPED 40 LB                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 1,756   | 768.60    | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | TO BE SELECTED               | MAY 10                 | NOV 11                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 212     | 1370.30   | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | TO BE SELECTED               | MAY 10                 | NOV 11                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 153     | 1386.74   | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | TO BE SELECTED               | MAR 11                 | JUN 12                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| *COMP B TYPE I GRADE A(LB)                                                                                         |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 86,580  | 2.31      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | N/A                      | STOCK ISSUE                  | N/A                    | N/A                    |                          |                          |
| FY 2010 Baseline                                                                                                   | 6,582   | 2.37      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | N/A                      | STOCK ISSUE                  | N/A                    | N/A                    | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 4,750   | 2.54      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | N/A                      | STOCK ISSUE                  | N/A                    | N/A                    | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                              |                        |                        |                          |                          |

| Exhibit P-5a, Procurement History and Planning                                                                     |         |           |                      |                                                                         | Weapon System            |                                | Date:<br>FEBRUARY 2010 |                        |                          |                          |
|--------------------------------------------------------------------------------------------------------------------|---------|-----------|----------------------|-------------------------------------------------------------------------|--------------------------|--------------------------------|------------------------|------------------------|--------------------------|--------------------------|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |         |           |                      | P-1 Line Item Nomenclature:<br>(150000) DEMOLITION MUNITIONS, ALL TYPES |                          |                                |                        |                        |                          |                          |
| WBS COST ELEMENTS                                                                                                  | Qty     | Unit Cost | Location of PCO      | RFP Issue Date                                                          | Contract Method and Type | Contractor and Location        | Award Date             | Date of First Delivery | Tech Data Available Now? | Date Revisions Available |
| COMP A-3 (LB)                                                                                                      |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| FY 2009 OCO                                                                                                        | 34,632  | 2.31      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | N/A                      | STOCK ISSUE                    | N/A                    | N/A                    |                          |                          |
| FY 2010 Baseline                                                                                                   | 24      | 2.34      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | N/A                      | STOCK ISSUE                    | N/A                    | N/A                    | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 18      | 2.37      | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | N/A                      | STOCK ISSUE                    | N/A                    | N/A                    | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| M483, EOD DEVICE, MK 7 MOD 7                                                                                       |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| COMPLETE ROUND                                                                                                     |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 11,671  | 32.13     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | TO BE SELECTED                 | MAY 10                 | DEC 10                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| M757, CHARGE, ASSEMBLY DEMOLITION                                                                                  |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 OCO                                                                                                        | 13,794  | 247.28    | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | SS/FP                    | CRANE AAA, CRANE IN            | MAR 10                 | MAR 11                 | YES                      |                          |
| COMP C-4, CLASS 3 (LB)                                                                                             |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| FY 2010 OCO                                                                                                        | 291,330 | 19.38     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | SS/FP                    | ORDNANCE SYS INC KINGSPOET, TN | MAR 10                 | JUL 10                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| M980, CHG, DEMO EXPL SHEET, 38FT                                                                                   |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 7,184   | 13.47     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | ENSIGN-BICKFORK, SIMSBURY CT   | SEP 09                 | SEP 10                 |                          |                          |
| FY 2009 OCO                                                                                                        | 60,000  | 13.47     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | ENSIGN-BICKFORK, SIMSBURY CT   | SEP 09                 | SEP 10                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 10,847  | 17.21     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | ENSIGN-BICKFORK, SIMSBURY CT   | MAR 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 83,561  | 19.04     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | ENSIGN-BICKFORK, SIMSBURY CT   | MAR 11                 | DEC 11                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| M986, CHG, DEMO SHEET, 9FT PETN                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| COMPLETE ROUND                                                                                                     |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 5,165   | 67.48     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/FP                     | ENSIGN-BICKFORK, SIMSBURY CT   | SEP 09                 | SEP 10                 |                          |                          |
| FY 2010 Baseline                                                                                                   | 6,132   | 58.43     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | ENSIGN-BICKFORK, SIMSBURY CT   | MAR 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 4,090   | 93.40     | JMC, ROCK ISLAND, IL | UNKNOWN                                                                 | C/OPTION                 | ENSIGN-BICKFORK, SIMSBURY CT   | MAR 11                 | DEC 11                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| MM52, CHARGE, DEMO FLSC 1200 GR/FT                                                                                 |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| COMPLETE ROUND                                                                                                     |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 37,130  | 24.05     | CRANE, CRANE, IN     | UNKNOWN                                                                 | C/FP                     | ENSIGN-BICKFORK, GRAHAM KY     | MAR 10                 | SEP 10                 | NO                       |                          |
| FY 2010 Baseline                                                                                                   | 16,632  | 24.05     | CRANE, CRANE, IN     | UNKNOWN                                                                 | C/FFP                    | ENSIGN-BICKFORK, GRAHAM KY     | MAR 10                 | SEP 10                 | NO                       |                          |
| FY 2011 OCO                                                                                                        | 289,144 | 32.15     | CRANE, CRANE, IN     | UNKNOWN                                                                 | C/FFP                    | ENSIGN-BICKFORK, GRAHAM KY     | OCT 10                 | APR 11                 | NO                       |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| MN52, DETONATOR, NON-ELEC MK154                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| DETONATOR, WITH SHOCK TUBE                                                                                         |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 89,000  | 43.35     | CRANE, CRANE, IN     | UNKNOWN                                                                 | C/FFP                    | SHOCK TUBE INC., NOOSUP CT     | MAR 10                 | SEP 10                 | NO                       |                          |
| FY 2009 OCO                                                                                                        | 100,988 | 43.35     | CRANE, CRANE, IN     | UNKNOWN                                                                 | C/FFP                    | SHOCK TUBE INC., NOOSUP CT     | MAR 10                 | SEP 10                 | NO                       |                          |
| FY 2010 Baseline                                                                                                   | 117,439 | 43.35     | CRANE, CRANE, IN     | UNKNOWN                                                                 | C/FFP                    | SHOCK TUBE INC., NOOSUP CT     | SEP 10                 | MAY 11                 | NO                       |                          |
| FY 2011 Baseline                                                                                                   | 110,173 | 43.35     | CRANE, CRANE, IN     | UNKNOWN                                                                 | C/FFP                    | SHOCK TUBE INC., NOOSUP CT     | SEP 11                 | MAY 12                 | NO                       |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| MN69, BOOSTER, DEMO CHARGE                                                                                         |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| COMPLETE ROUND                                                                                                     |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
| FY 2009 Baseline                                                                                                   | 136,054 | 7.35      | PICATINNY, NJ        | UNKNOWN                                                                 | C/OPTION                 | TO BE SELECTED                 | MAY 10                 | DEC 10                 | YES                      |                          |
| FY 2010 Baseline                                                                                                   | 44,296  | 9.03      | PICATINNY, NJ        | UNKNOWN                                                                 | C/FP                     | TO BE SELECTED                 | MAY 10                 | DEC 10                 | YES                      |                          |
| FY 2011 Baseline                                                                                                   | 43,431  | 9.21      | PICATINNY, NJ        | UNKNOWN                                                                 | C/OPTION                 | TO BE SELECTED                 | MAR 11                 | MAR 12                 | YES                      |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |
|                                                                                                                    |         |           |                      |                                                                         |                          |                                |                        |                        |                          |                          |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |         |         |                                                     |                |                  |         |                        |         |         |             |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|-----------------------------------------------------|----------------|------------------|---------|------------------------|---------|---------|-------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |         |         |                                                     |                |                  |         | Date:<br>FEBRUARY 2010 |         |         |             |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |         |         | P-1 Item Nomenclature:<br>(162500) FUZES, ALL TYPES |                |                  |         |                        |         |         |             |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |         | Other Related Program Elements                      |                |                  |         |                        |         |         |             |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                                     | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |         |         |                                                     |                |                  |         |                        |         |         |             |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A          | 8.791   | 51.644  | 18.032                                              | 25.888         | 43.920           | 9.306   | 16.950                 | 19.336  | 19.681  |             | 169.628          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |         |         |                                                     |                |                  |         |                        |         |         |             |                  |
| Reserve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A          | 0.000   | 0.000   | 0.000                                               | 0.000          | 0.000            | 0.000   | 0.000                  | 0.000   | 0.000   |             | 0.000            |
| <p><b>Base Appropriation Request:</b></p> <p>The Fuze, Point Detonating (PD) M739/M739A1 (DODIC N340) is the latest improved version of the selective impact fuzes for use with bulk loaded high explosive or burster type projectiles. This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. The fuze body is a one-piece design of solid aluminum and has a standard 2-inch threaded base to match the nose and fuze cavity of standard artillery projectiles.</p> <p>Fuze Electronic Time (DODIC NA17) is used with projectiles carrying payloads that are expelled during projectile flight (airburst). This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. It has the capability to be set inductively or manually.</p> <p>Fuze, Precision Guidance Kit (DODIC NPGK) is used with 155mm projectiles carrying HE payloads. This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System.</p> <p><b>FY11 Overseas Contingency Operations request (OCO):</b></p> <p>DODIC NPGK, \$25.888M. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.</p> |            |         |         |                                                     |                |                  |         |                        |         |         |             |                  |

|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|---------------|--------|---------------|---------------|----------------------------------------------------------|------------------------|---------------|--------|--------------|--|--|--|
| Exhibit P-5, Cost Analysis                                                                                         |               |        | Weapon System |               |                                                          | Date:<br>FEBRUARY 2010 |               |        |              |  |  |  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |               |        |               | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(162500) FUZES, ALL TYPES |                        |               |        |              |  |  |  |
| WBS COST ELEMENTS                                                                                                  | FY09          |        |               | FY10          |                                                          |                        | FY11          |        |              |  |  |  |
|                                                                                                                    | Total<br>Cost | Qty    | Unit<br>Cost  | Total<br>Cost | Qty                                                      | Unit<br>Cost           | Total<br>Cost | Qty    | Unit<br>Cost |  |  |  |
| BASELINE                                                                                                           |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| HARDWARE                                                                                                           |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| N340, FUZE, PD M739                                                                                                |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| COMPLETE FUZE                                                                                                      | 2.656         | 31,858 | 83.38         | 8.733         | 103,176                                                  | 84.64                  | 3.969         | 55,849 | 71.07        |  |  |  |
| M2A1 AMMO CAN                                                                                                      |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| NA17, FUZE ELECTRONIC TIME M762A1                                                                                  |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| COMPLETE FUZE                                                                                                      | 4.741         | 22,064 | 214.89        | 20.832        | 96,248                                                   | 216.44                 | 4.985         | 22,558 | 220.98       |  |  |  |
| M2A1 AMMO CAN                                                                                                      |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| NPGK, FUZE, PRECISION GUIDANCE KIT                                                                                 |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| COMPLETE FUZE                                                                                                      |               |        |               | 18.156        | 5,340                                                    | 3,400.00               | 7.508         | 1,978  | 3,795.00     |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| PRODUCT                                                                                                            |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| ACCEPTANCE TESTING                                                                                                 | 0.446         |        |               | 1.744         |                                                          |                        | 0.720         |        |              |  |  |  |
| PRODUCTION ENGINEERING                                                                                             | 0.948         |        |               | 1.999         |                                                          |                        | 0.838         |        |              |  |  |  |
| QUALITY ASSURANCE                                                                                                  |               |        |               | 0.080         |                                                          |                        | 0.012         |        |              |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| NONRECURRING                                                                                                       |               |        |               | 0.100         |                                                          |                        |               |        |              |  |  |  |
| GOVERNMENT FURNISHED MATERIAL                                                                                      |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| Subtotal Baseline                                                                                                  | 8.791         |        |               | 51.644        |                                                          |                        | 18.032        |        |              |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| FY11 OCO                                                                                                           |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| NPGK, FUZE, PRECISION GUIDANCE KIT                                                                                 |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| COMPLETE ROUND                                                                                                     |               |        |               |               |                                                          |                        | 24.294        | 6,402  | 3,795.00     |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| PRODUCT                                                                                                            |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| ACCEPTANCE TESTING                                                                                                 |               |        |               |               |                                                          |                        | 0.756         |        |              |  |  |  |
| PRODUCTION ENGINEERING                                                                                             |               |        |               |               |                                                          |                        | 0.680         |        |              |  |  |  |
| QUALITY ASSURANCE                                                                                                  |               |        |               |               |                                                          |                        | 0.063         |        |              |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| NONRECURRING                                                                                                       |               |        |               |               |                                                          |                        | 0.095         |        |              |  |  |  |
| GOVERNMENT FURNISHED MATERIAL                                                                                      |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| Subtotal FY11 OCO                                                                                                  |               |        |               |               |                                                          |                        | 25.888        |        |              |  |  |  |
|                                                                                                                    |               |        |               |               |                                                          |                        |               |        |              |  |  |  |
| TOTAL                                                                                                              | 8.791         |        |               | 51.644        |                                                          |                        | 43.920        |        |              |  |  |  |
| ACTIVE                                                                                                             | 8.791         |        |               | 51.644        |                                                          |                        | 43.920        |        |              |  |  |  |
| RESERVES                                                                                                           |               |        |               |               |                                                          |                        |               |        |              |  |  |  |

[illegible]

Date:  
FEBRUARY 2010

Weapon  
System

|                                                   |
|---------------------------------------------------|
| P-1 Line Item Nomenclature:                       |
| (162500) DODIC: NA17, FUZE ELECTRONIC TIME M762A1 |

[illegible][illegible][illegible]

REMARKS:

|       |               |
|-------|---------------|
| Date: | FEBRUARY 2010 |
|-------|---------------|

|               |  |
|---------------|--|
| Weapon System |  |
|---------------|--|

(162500) DODIC: NPGK, FUZE, PRECISION GUIDANCE KIT

[illegible][illegible][illegible]

|          |
|----------|
| REMARKS: |
|----------|



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |         |         |                                |                |                                                |         |                        |         |         |                |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|----------------|------------------------------------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |         |         |                                |                |                                                |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |         |         |                                |                | P-1 Item Nomenclature:<br>(162800) NON-LETHALS |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |         |         | Other Related Program Elements |                |                                                |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011 | Total<br>FY 2011                               | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |         |         |                                |                |                                                |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A          | 3.982   | 3.025   | 3.009                          | 0.031          | 3.040                                          | 2.939   | 3.941                  | 4.151   | 7.823   |                | 28.901           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |         |         |                                |                |                                                |         |                        |         |         |                |                  |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A          | 0.000   | 0.000   | 0.000                          | 0.000          | 0.000                                          | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p><b>Base Appropriation Request:</b><br/> The Cartridge, 12 Gauge Non-Lethal Bean Bag (DODIC AA29) is intended for use in crowd control situations where the use of non-lethal force is desired. This cartridge is used with the M500, M590, and M870 12 gauge auto-loading and pump action shotguns. The plastic sleeve contains a lead shot-filled fabric or nylon bag.</p> <p>The Cartridge, 12 Gauge Launching for Grenade Non-Lethal (DODIC AA30) is intended for use in crowd control situations where the use of non-lethal force is desired. This cartridge is used in conjunction with the 12-gauge launch cup on the M500, M590, and M870 12 gauge, Auto loading, and Pump-action Shotguns to launch the rubber ball non-lethal grenade (DODIC GG04).</p> <p>The Cartridge, 12 Gauge Rubber Fin Stabilized Non-Lethal (DODIC AA31) ammunition is intended for use in crowd control situations where the use of non-lethal force is desired. This cartridge is used with the M500, M590, and M870 12-gauge, auto loading, and pump-action shotguns. The transparent plastic sleeve contains a rubber, fin stabilized projectile.</p> <p>The Cartridge, 40mm Foam Rubber Baton Non-Lethal (DODIC BA07) is intended for use in scenarios where the use of lethal incapacitating force is not warranted. The cartridge is used in M203 Grenade Launchers. The projectile consists of three foam rubber batons in an aluminum case.</p> <p>The Cartridge, 40mm Rubber Ball Non-Lethal (DODIC BA08) is intended for use in scenarios where the use of lethal incapacitating force is not warranted. The cartridge is used in the M203 Grenade Launcher. The cartridge contains 22 each .60 caliber rubber balls in an aluminum cartridge case. The rubber balls have a nominal velocity of 325 feet/second at a distance of 3 feet from the muzzle of the M203 Grenade Launcher.</p> <p>The Grenade, 66mm Anti-Riot CS(orthochlorobenzalmalonitrile) L96E1 (DODIC FZ14), is used in the Light Vehicle Obscurant Smoke System (LVOSS). It is comprised of 23 individual cannisters remotely fired from the vehicle interior.</p> <p>The Grenade, 66mm Anti-Riot cinammic acid L97E1 (DODIC FZ15) is used in training on the Light Vehicle Obscurant Smoke System (LVOSS). It is comprised of 23 individual cannisters remotely fired from the vehicle interior.</p> <p>The M99 Blunt Trauma Grenade (DODIC FZ17) uses a pyrotechnic charge to discharge 32 rubber balls and achieve crowd control through physical stimuli. The M99 is used with the Light Vehicle Obscurant Smoke System (LVOSS).</p> |            |         |         |                                |                |                                                |         |                        |         |         |                |                  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |         |         |                                |                |                                                |         |                        |         |         |                |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|----------------|------------------------------------------------|---------|------------------------|---------|---------|----------------|------------------|
| Exhibit P-40, Budget Item Justification, Continued                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |         |         |                                |                |                                                |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |         |         |                                |                | P-1 Item Nomenclature:<br>(162800) NON-LETHALS |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |         |         | Other Related Program Elements |                |                                                |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011 | Total<br>FY 2011                               | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |         |         |                                |                |                                                |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A          | 3.982   | 3.025   | 3.009                          | 0.031          | 3.040                                          | 2.939   | 3.941                  | 4.151   | 7.823   |                | 28.901           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |         |         |                                |                |                                                |         |                        |         |         |                |                  |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A          | 0.000   | 0.000   | 0.000                          | 0.000          | 0.000                                          | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p><b>Base Appropriation Request:</b><br/> The Grenade, Rubber Ball Non-Lethal (DODIC GG04) is used in crowd control situations where the use of non-lethal force is desired. The grenade body is a rubber sphere that contains a fuze well liner and is filled with a minimum of 100 rubber ball fragments.</p> <p>The Grenade, Practice Body Non-Lethal (DODIC GG13) will replace GG05 and is the practice version of DODIC GG04. The grenade body is a rubber sphere that contains a fuze well liner and is filled with .50 caliber rubber pellets. The rubber ball pellets remain within the body. The grenade body was designed to be utilized with the M201A1-1 Pyrotechnic Delay-igniting Fuze, DODIC GG14.</p> <p>The Fuze, Hand Grenade (DODIC GG14) is a pyrotechnic delay-igniting fuze. The body contains a primer, first-fire mixture, pyrotechnic delay column, and ignition mixture. Assembled to the body are a striker, striker spring, safety lever and safety pin with pull ring. The split end of the safety pin has an angular spread. The M201A1 (NSN 1330-00-293-9516) is used on smoke and incendiary grenades. Removal of the safety pin permits release of the safety lever.</p> <p>The Charge, Diversionary, Bottom Top Venting, BTV-1, (DODIC GG20) is a pyrotechnic device (grenade) used for diversionary purposes. The diversionary charge is a low hazard, nonshrapnel producing explosive device that produces intense flash and sound report. This replaces the Charge, Diversionary MK141 Mod 0 (DODIC DWBS) due to safety and reliability concerns.</p> <p>The Mission Payload Module - Non-Lethal Weapons System (MPM-NLWS), DODIC MPMN ammunition will provide the warfighter a non-lethal counter-personnel capability. The system will support missions requiring crowd control, and will deny, defend and control area access while allowing</p> |            |         |         |                                |                |                                                |         |                        |         |         |                |                  |
| <p><b>FY11 Overseas Contingency Operations Request (OCO):</b><br/> DODIC GG20, \$0.031. Lack of funding to replace combat expenditures will further erode the USMC's War Reserve Munitions Requirement stockpile and negatively affect our ability to execute another MCO, if required.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |         |         |                                |                |                                                |         |                        |         |         |                |                  |

[illegible]

|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
|--------------------------------------------------------------------------------------------------------------------|------------|-----|-----------|---------------|-----------------------------------------------------|-----------|------------------------|--------|-----------|------------|-----|-----------|
| Exhibit P-5, Cost Analysis                                                                                         |            |     |           | Weapon System |                                                     |           | Date:<br>FEBRUARY 2010 |        |           |            |     |           |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |            |     |           | ID Code:<br>A | P-1 Line Item Nomenclature:<br>(162800) NON-LETHALS |           |                        |        |           |            |     |           |
| WBS COST ELEMENTS                                                                                                  | FY09       |     |           | FY10          |                                                     |           | FY11                   |        |           |            |     |           |
|                                                                                                                    | Total Cost | Qty | Unit Cost | Total Cost    | Qty                                                 | Unit Cost | Total Cost             | Qty    | Unit Cost | Total Cost | Qty | Unit Cost |
| BASELINE                                                                                                           |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| HARDWARE                                                                                                           |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| AA29, CTG, 12 GA BEAN BAG, NON LETHAL                                                                              |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| COMPLETE ROUND                                                                                                     |            |     |           | 0.199         | 63,987                                              | 3.11      | 0.220                  | 68,535 | 3.21      |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| AA30, CTG, 12 GAUGE LAUNCHING FOR GRENADE                                                                          |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| COMPLETE ROUND                                                                                                     |            |     |           |               |                                                     |           | 0.250                  | 71,428 | 3.50      |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| AA31, CTG, 12 GA RUBBER, FIN STABILIZED                                                                            |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| COMPLETE ROUND                                                                                                     |            |     |           |               |                                                     |           | 0.250                  | 68,493 | 3.65      |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| BA07, CTG, 40MM FOAM RUBBER BATON, NON-LETHAL                                                                      |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| COMPLETE ROUND                                                                                                     |            |     |           |               |                                                     |           | 0.250                  | 27,932 | 8.95      |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| BA08, CTG, 40MM RUBBER BALL, NON-LETHAL                                                                            |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| COMPLETE ROUND                                                                                                     |            |     |           |               |                                                     |           | 0.250                  | 27,533 | 9.08      |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| FZ14, RIOT CONTROL (CS) GRENADE L96                                                                                |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |            |     |           | 0.040         | 234                                                 | 170.78    | 0.057                  | 328    | 173.75    |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| FZ15, PRAC RIOT CONTRL (CS) GREN L97                                                                               |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |            |     |           | 0.083         | 764                                                 | 108.64    |                        |        |           |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| FZ17, BLUNT TRAUMA GREN, M99 F/LVOS                                                                                |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |            |     |           | 0.150         | 558                                                 | 268.82    |                        |        |           |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| GG04, GRENADE, HAND, RUBBER BALL NON-LETHAL                                                                        |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| COMPLETE ROUND                                                                                                     |            |     |           | 0.235         | 5,211                                               | 45.09     |                        |        |           |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| GG13, GRENADE, PRACTICE BODY NON-LETHAL                                                                            |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| COMPLETE ROUND                                                                                                     |            |     |           |               |                                                     |           | 0.250                  | 10,250 | 24.39     |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| GG14, FUZE, HAND GRENADE PRACTICE                                                                                  |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
| COMPLETE ROUND                                                                                                     |            |     |           |               |                                                     |           | 0.250                  | 15,822 | 15.80     |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |
|                                                                                                                    |            |     |           |               |                                                     |           |                        |        |           |            |     |           |

[illegible]

| Exhibit P-5a, Procurement History and Planning                                                                     |        |              |                      |                      | Weapon System                                       |                         | Date:<br>FEBRUARY 2010 |                              |                                |                                |  |
|--------------------------------------------------------------------------------------------------------------------|--------|--------------|----------------------|----------------------|-----------------------------------------------------|-------------------------|------------------------|------------------------------|--------------------------------|--------------------------------|--|
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |        |              |                      |                      | P-1 Line Item Nomenclature:<br>(162800) NON-LETHALS |                         |                        |                              |                                |                                |  |
|                                                                                                                    | Qty    | Unit<br>Cost | Location of PCO      | RFP<br>Issue<br>Date | Contract<br>Method<br>and Type                      | Contractor and Location | Award<br>Date          | Date of<br>First<br>Delivery | Tech Data<br>Available<br>Now? | Date<br>Revisions<br>Available |  |
| WBS COST ELEMENTS                                                                                                  |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| AA29, CTG, 12 GA BEAN BAG, NON LETHAL                                                                              |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| COMPLETE ROUND                                                                                                     |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FY 2010 Baseline                                                                                                   | 63,987 | 3.11         | JMC, ROCK ISLAND, IL | UNKNOWN              | UNKNOWN                                             | UNKNOWN                 | MAR 10                 | SEP 10                       | YES                            |                                |  |
| FY 2011 Baseline                                                                                                   | 68,535 | 3.21         | JMC, ROCK ISLAND, IL | UNKNOWN              | UNKNOWN                                             | UNKNOWN                 | MAR 11                 | SEP 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| AA30, CTG, 12 GAUGE LAUNCHING FOR GRENADE                                                                          |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| COMPLETE ROUND                                                                                                     |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FY 2011 Baseline                                                                                                   | 71,428 | 3.50         | JMC, ROCK ISLAND, IL | UNKNOWN              | UNKNOWN                                             | UNKNOWN                 | MAR 11                 | OCT 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| AA31, CTG, 12 GA RUBBER, FIN STABILIZED                                                                            |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| COMPLETE ROUND                                                                                                     |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FY 2011 Baseline                                                                                                   | 68,493 | 3.65         | JMC, ROCK ISLAND, IL | UNKNOWN              | UNKNOWN                                             | UNKNOWN                 | JAN 11                 | SEP 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| BA07, CTG, 40MM FOAM RUBBER BATON, NON-LETHAL                                                                      |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| COMPLETE ROUND                                                                                                     |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FY 2011 Baseline                                                                                                   | 27,932 | 8.95         | JMC, ROCK ISLAND, IL | UNKNOWN              | UNKNOWN                                             | UNKNOWN                 | MAR 11                 | SEP 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| BA08, CTG, 40MM RUBBER BALL, NON-LETHAL                                                                            |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| COMPLETE ROUND                                                                                                     |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FY 2011 Baseline                                                                                                   | 27,533 | 9.08         | JMC, ROCK ISLAND, IL | UNKNOWN              | UNKNOWN                                             | UNKNOWN                 | MAR 11                 | SEP 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FZ14, RIOT CONTROL (CS) GRENADE L96                                                                                |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FY 2010 Baseline                                                                                                   | 234    | 170.78       | ARDEC, PICATINNY, NJ | OCT 04               | SS/FP                                               | PW DEFENSE, DERBY, UK   | MAR 10                 | MAR 11                       | YES                            |                                |  |
| FY 2011 Baseline                                                                                                   | 328    | 173.75       | ARDEC, PICATINNY, NJ | OCT 04               | SS/FP                                               | PW DEFENSE, DERBY, UK   | MAR 11                 | SEP 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FZ15, PRAC RIOT CONTRL (CS) GREN L97                                                                               |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FY 2010 Baseline                                                                                                   | 764    | 108.64       | ARDEC, PICATINNY, NJ | OCT 04               | SS/FP                                               | PW DEFENSE, DERBY, UK   | MAR 10                 | MAR 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FZ17, BLUNT TRAUMA GREN, M99 F/LVOS                                                                                |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| LOAD, ASSEMBLE & PACK (LAP)                                                                                        |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FY 2010 Baseline                                                                                                   | 558    | 268.82       | JMC, ROCK ISLAND, IL | OCT 04               | SS/FP                                               | PW DEFENSE, DERBY, UK   | MAR 10                 | MAR 11                       | YES                            |                                |  |
|                                                                                                                    |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| GG04, GRENADE, HAND, RUBBER BALL NON-LETHAL                                                                        |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| COMPLETE ROUND                                                                                                     |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |
| FY 2010                                                                                                            | 5,211  | 45.09        | JMC, ROCK ISLAND, IL | UNKNOWN              | UNKNOWN                                             | UNKNOWN                 | MAR 10                 | SEP 10                       | YES                            |                                |  |
|                                                                                                                    |        |              |                      |                      |                                                     |                         |                        |                              |                                |                                |  |

Exhibit P-5a, Procurement History and Planning  
Continued

|               |
|---------------|
| Weapon System |
|---------------|

Date:  
FEBRUARY 2010

Appropriation Code/Budget Activity/Serial Number:

|                             |  |
|-----------------------------|--|
| P-1 Line Item Nomenclature: |  |
|-----------------------------|--|

|                                                               |
|---------------------------------------------------------------|
| Procurement of Ammunition, Navy and Marine Corps/2/Ammunition |
|---------------------------------------------------------------|

|                      |
|----------------------|
| (162800) NON-LETHALS |
|----------------------|

[illegible]

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |         |         |                                                       |                |                  |         |                        |         |         |                |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|-------------------------------------------------------|----------------|------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |         |         |                                                       |                |                  |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |         |         | P-1 Item Nomenclature:<br>(163000) AMMO MODERNIZATION |                |                  |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |         |         | Other Related Program Elements                        |                |                  |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                                       | OCO<br>FY 2011 | Total<br>FY 2011 | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |         |         |                                                       |                | 0                |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A          | 10.647  | 8.859   | 8.985                                                 | 0.000          | 8.985            | 9.120   | 9.416                  | 9.579   | 9.744   |                | 66.350           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |         |         |                                                       |                | 0                |         |                        |         |         |                |                  |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A          | 0.000   | 0.000   | 0.000                                                 | 0.000          | 0.000            | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p><b>Base Appropriation Request:</b><br/> The 40MM Ammunition Modernization (DODIC AM01) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Rockets Ammunition Modernization (DODIC AM02) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Line charges Ammunition Modernization (DODIC AM03) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Components Ammunition Modernization (DODIC AM04) consists of the procurement of components of various items/DODICs and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Missiles Ammunition Modernization (DODIC AM05) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Quality Evaluation Ammunition Modernization (DODIC AM06) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>Ammunition modernization (DODIC AMMO MOD) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> |            |         |         |                                                       |                |                  |         |                        |         |         |                |                  |
| <p><b>FY11 Overseas Contingency Operations Request (OCO):</b><br/> N/A</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |         |         |                                                       |                |                  |         |                        |         |         |                |                  |



Date:  
FEBRUARY 2010

P-1 Item Nomenclature:

(163000) AMMO MODERNIZATION

|                             | ID Code | FY2009 | FY2010 | Base FY2011 | OCO FY2011 | Total FY2011 |  |  |  |  |  |
|-----------------------------|---------|--------|--------|-------------|------------|--------------|--|--|--|--|--|
| AM01, CTG, 40MM             | A       | 0.000  | 1.711  | 1.846       | 0.000      | 1.846        |  |  |  |  |  |
| QTY                         |         | 0      | 0      | 0           | 0          | 0            |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
| AM02, ROCKETS AMMO MOD      | A       | 0.743  | 1.409  | 1.459       | 0.000      | 1.459        |  |  |  |  |  |
| QTY                         |         | 0      | 0      | 0           | 0          | 0            |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
| AM03, LINE CHARGE AMMO MOD  | A       | 0.614  | 1.409  | 1.459       | 0.000      | 1.459        |  |  |  |  |  |
| QTY                         |         | 0      | 0      | 0           | 0          | 0            |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
| AM04, COMPONENTS AMMO MOD   | A       | 0.845  | 1.409  | 1.459       | 0.000      | 1.459        |  |  |  |  |  |
| QTY                         |         | 0      | 0      | 0           | 0          | 0            |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
| AM05, MISSILE COMP AMMO MOD | A       | 1.362  | 1.409  | 1.459       | 0.000      | 1.459        |  |  |  |  |  |
| QTY                         |         | 0      | 0      | 0           | 0          | 0            |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
| AM06, QUAL EVAL AMMO MOD    | A       | 3.780  | 1.506  | 1.272       | 0.000      | 1.272        |  |  |  |  |  |
| QTY                         |         | 0      | 0      | 0           | 0          | 0            |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
| AMMO, AMMO MOD              | A       | 3.303  | 0.006  | 0.031       | 0.000      | 0.031        |  |  |  |  |  |
| QTY                         |         | 0      | 0      | 0           | 0          | 0            |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
|                             |         |        |        |             |            |              |  |  |  |  |  |
| TOTAL                       |         | 10.647 | 8.859  | 8.985       | 0.000      | 8.985        |  |  |  |  |  |
| ACTIVE                      |         | 10.647 | 8.859  | 8.985       | 0.000      | 8.985        |  |  |  |  |  |
| RESERVE                     |         | 0.000  | 0.000  | 0.000       | 0.000      | 0.000        |  |  |  |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |         |         |                                |                |                                                                |         |                        |         |         |                |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------------------------------|----------------|----------------------------------------------------------------|---------|------------------------|---------|---------|----------------|------------------|
| <b>Exhibit P-40, Budget Item Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |         |         |                                |                |                                                                |         | Date:<br>FEBRUARY 2010 |         |         |                |                  |
| Appropriation Code/Budget Activity/Serial Number:<br>Procurement of Ammunition, Navy and Marine Corps/2/Ammunition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |         |                                |                | P-1 Item Nomenclature:<br>(166000) ITEMS LESS THAN \$5 MILLION |         |                        |         |         |                |                  |
| Program Element for Code B Items:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |         |         | Other Related Program Elements |                |                                                                |         |                        |         |         |                |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ID<br>Code | FY 2009 | FY 2010 | Base<br>FY 2011                | OCO<br>FY 2011 | Total<br>FY 2011                                               | FY 2012 | FY 2013                | FY 2014 | FY 2015 | To<br>Complete | Total<br>Program |
| Proc Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |         |         |                                |                |                                                                |         |                        |         |         |                |                  |
| Gross Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A          | 7.891   | 4.379   | 4.269                          | 0.000          | 4.269                                                          | 4.139   | 4.174                  | 4.249   | 4.324   |                | 33.425           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |         |         |                                |                |                                                                |         |                        |         |         |                |                  |
| Reserves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A          | 0.000   | 0.000   | 0.000                          | 0.000          | 0.000                                                          | 0.000   | 0.000                  | 0.000   | 0.000   |                | 0.000            |
| <p><b>Base Appropriation Request:</b><br/>Drug Interdiction funds are identified to support drug interdiction requirements.</p> <p>FDT funds are transportation funds that are required to support the distribution of Marine Corps' ammunition end items from manufacturing plants assembly points. These funds directly support training and readiness requirements of Marines in the field (CONUS or OCONUS).</p> <p>MSGB funds support the Marine Security Guard Battalion ammunition requirements which are procured through the U.S. State Department.</p> <p>The Cartridge, 75mm Blank M337A2 (DODIC C025) consists of a cartridge case of brass or aluminum containing loosely packed black powder and a press-fitted percussion primer. A fiberglass wad is inserted over the black powder and a polystyrene closing cup is cemented in place with a polyester resin adhesive. The M337A2 Cartridge is fired from the M116, M120, M1A1, M1A1C, and M3 Howitzer assemblies.</p> <p><b>FY11 Overseas Contingency Operations Request (OCO):</b><br/>N/A</p> |            |         |         |                                |                |                                                                |         |                        |         |         |                |                  |

[illegible]

Page Intentionally Blank