Exhibit R-2, **RDT&E Budget Item Justification:** PB 2014 Army

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE

2040: Research, Development, Test & Evaluation, Army PE 0604869A: Patriot/MEADS Combined Aggregate Program (CAP)

BA 5: System Development & Demonstration (SDD)

| DA 3. Gystem Development & Del | nonon anon | (000) | | | | | | | | | | |
|-----------------------------------------------------------|--------------------|---------|----------------------|-----------------|-------------------|------------------|---------|---------|---------|---------|---------------------|---------------|
| COST (\$ in Millions) | All Prior Years | FY 2012 | FY 2013 [#] | FY 2014 Base | FY 2014 OCO ## | FY 2014 Total | FY 2015 | FY 2016 | FY 2017 | FY 2018 | Cost To Complete | Total Cost |
| Total Program Element | - | 377.610 | 400.861 | 0.000 | - | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Continuing | Continuing |
| M06: PATRIOT/MEADS COMBINED AGGREGATE PROGRAM (CAP) | - | 377.610 | 400.861 | 0.000 | - | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Continuing | Continuing |

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

Note

The U.S. rendered a MEADS program decision in Feb 2011 to continue the Design and Development (D&D) phase focusing remaining activities to implement a "demonstration of capabilities" through 2013; no resources are budgeted to support these efforts after 2013. None of the funds authorized to be appropriated or otherwise made available for fiscal year 2013 for the Department of Defense may be obligated or expended for the Medium Extended Air Defense System (MEADS).

A. Mission Description and Budget Item Justification

Medium Extended Air Defense System (MEADS) provides joint and coalition forces critical asset and defended area protection against multiple and simultaneous attacks by short-to-medium range ballistic missiles, cruise missiles, manned and unmanned aerial systems, and tactical air-to-surface missiles. This system leverages current technology for an Integrated Air and Missile Defense Fire Control System/capability.

MEADS is a tri-national co-development program among the United States, Germany, and Italy to replace the PATRIOT and HAWK systems in Germany, and NIKE Hercules systems in Italy. The NATO MEADS Management Agency (NAMEADSMA) is the North Atlantic Treaty Organization (NATO) contracting authority providing management of the MEADS program on behalf of the participating nations and is responsible for managing the system acquisition. The U.S. and Italy signed the D&D MOU on September 24, 2004, and September 27, 2004, respectively. The NAMEADSMA awarded the MEADS D&D letter contract to MEADS International Inc. on September 28, 2004, initiating the MEADS D&D phase. The MOU was amended in March 2005 by the U.S. and Italy to allow the German Parliament additional time for their signature decision and on April 22, 2005 Germany signed the MOU. NAMEADSMA awarded a \$3.4 billion D&D definitized contract to MEADS International Inc. on May 31, 2005.

MEADS is designed to provide joint and coalition forces, critical asset and defended area protection against multiple and simultaneous attacks by short to medium range ballistic missiles, cruise missiles, manned and unmanned aerial systems and tactical air-to-surface missiles. MEADS is being developed to have a netted and distributed architecture with modular components to increase survivability and flexibility of employment in a number of operational configurations. The objective MEADS Fire Unit, designed to be scalable and tailorable to operational requirements, will consist of: two Battle Management Command, Control, Communication, Computers and Intelligence (BMC4I) tactical operations center (TOC), enabling distributed system operations and Beyond-Line-of-Site (BLOS) engagements for maximum protection of supported forces by engaging at longer ranges; six near-vertical launchers capable of transporting and launching up to eight missiles; three launcher reloaders; the PAC-3 Missile Segment Enhancement (MSE)interceptor; an ultra-high frequency (UHF) Surveillance Radar (SR) that provides 360-degree coverage and

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R-1 Line #115

^{##} The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)

PE 0604869A: Patriot/MEADS Combined Aggregate Program (CAP)

near-range to long-range detection of low radar cross-section targets; and two X-band Multifunction Fire Control Radars (MFCR) that provide 360-degree coverage and are designed for high-precision handover to the in-flight missile, discrimination capabilities, and short-range target detection and horizon search.

The U.S. rendered a MEADS program decision in Feb 2011 to continue the D&D phase focusing remaining activities to implement a "demonstration of capabilities" through 2013 with the remaining MOU funds to provide a meaningful capability for Germany and Italy and a possible future option for the U.S. Based on this decision, NAMEADSMA developed a new D&D detailed program schedule and the Board of Directors (BoD) approved it via a signed contract amendment on 31 October 2011.

The PAC-3 system is continuously being improved via hardware and software changes. The latest missile improvement is the MSE and has been accepted as the baseline missile for MEADS. It is being developed by the U.S. for PATRIOT to meet U.S. operational requirements. The MSE will provide a more agile and lethal interceptor that increases the engagement envelope/defended area of PATRIOT and the MEADS systems. The MSE improves upon the current PAC-3 missile capability with a higher performance solid rocket motor, modified lethality enhancer, more responsive control surfaces, upgraded guidance software, and insensitive munitions improvements. PAC-3 is reported under Program Element 0605456A.

US financial support completed with FY13 funds. None of the funds authorized to be appropriated or otherwise made available for fiscal year 2013 for the Department of Defense may be obligated or expended for the Medium Extended Air Defense System (MEADS).

| B. Program Change Summary (\$ in Millions) | FY 2012 | FY 2013 | FY 2014 Base | FY 2014 OCO | FY 2014 Total |
|-------------------------------------------------------|---------|---------|--------------|-------------|---------------|
| Previous President's Budget | 389.630 | 400.861 | 0.000 | - | 0.000 |
| Current President's Budget | 377.610 | 400.861 | 0.000 | - | 0.000 |
| Total Adjustments | -12.020 | 0.000 | 0.000 | - | 0.000 |
| Congressional General Reductions | - | - | | | |
| Congressional Directed Reductions | - | - | | | |
| Congressional Rescissions | - | - | | | |
| Congressional Adds | - | - | | | |
| Congressional Directed Transfers | - | - | | | |
| Reprogrammings | - | - | | | |
| SBIR/STTR Transfer | - | - | | | |
| Adjustments to Budget Years | -12.020 | - | - | - | - |

| Exhibit R-2A, RDT&E Project J | ustification | : PB 2014 A | ∖rmy | | | | | | | DATE: Api | il 2013 | |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|----------------------|-----------------|-------------------|------------------|---------|---------|---------|------------------------------------------|---------------------|---------------|
| APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD) | | | | | | | | | | RIOT/MEADS COMBINED ATE PROGRAM (CAP) | | |
| COST (\$ in Millions) | All Prior Years | FY 2012 | FY 2013 [#] | FY 2014 Base | FY 2014 OCO ## | FY 2014 Total | FY 2015 | FY 2016 | FY 2017 | FY 2018 | Cost To Complete | Total Cost |
| M06: PATRIOT/MEADS COMBINED AGGREGATE PROGRAM (CAP) | - | 377.610 | 400.861 | 0.000 | - | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Continuing | Continuing |
| Quantity of RDT&E Articles | | | | | | | | | | | | |

^{*}FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

Note

The U.S. rendered a MEADS program decision in Feb 2011 to continue the Design and Development (D&D) phase focusing remaining activities to implement a "demonstration of capabilities" through 2013; no resources are budgeted to support these efforts after 2013. None of the funds authorized to be appropriated or otherwise made available for fiscal year 2013 for the Department of Defense may be obligated or expended for the Medium Extended Air Defense System (MEADS).

A. Mission Description and Budget Item Justification

MEADS provides joint and coalition forces critical asset and defended area protection against multiple and simultaneous attacks by short-to-medium range ballistic missiles, cruise missiles, manned and unmanned aerial systems, and tactical air-to-surface missiles. This system leverages current technology for an Integrated Air and Missile Defense Fire Control System/capability.

Medium Extended Air Defense System (MEADS) is a tri-national co-development program among the United States, Germany, and Italy to replace the PATRIOT and HAWK systems in Germany, and NIKE Hercules systems in Italy. The NATO MEADS Management Agency (NAMEADSMA) is the North Atlantic Treaty Organization (NATO) contracting authority providing management of the MEADS program on behalf of the participating nations and is responsible for managing the system acquisition. The U.S. and Italy signed the D&D MOU on September 24, 2004, and September 27, 2004, respectively. The NAMEADSMA awarded the MEADS D&D letter contract to MEADS International Inc. on September 28, 2004, initiating the MEADS D&D phase. The MOU was amended in March 2005 by the U.S. and Italy to allow the German Parliament additional time for their signature decision and on April 22, 2005 Germany signed the MOU. NAMEADSMA awarded a \$3.4 billion D&D definitized contract to MEADS International Inc. on May 31, 2005.

MEADS is designed to provide joint and coalition forces, critical asset and defended area protection against multiple and simultaneous attacks by short to medium range ballistic missiles, cruise missiles, manned and unmanned aerial systems and tactical air-to-surface missiles. MEADS is being developed to have a netted and distributed architecture with modular components to increase survivability and flexibility of employment in a number of operational configurations. The objective MEADS Fire Unit, designed to be scalable and tailorable to operational requirements, will consist of: two Battle Management Command, Control, Communication, Computers and Intelligence (BMC4I) tactical operations center (TOC), enabling distributed system operations and Beyond-Line-of-Site (BLOS) engagements for maximum protection of supported forces by engaging at longer ranges; six near-vertical launchers capable of transporting and launching up to eight missiles; three launcher reloaders; the PAC-3 Missile Segment Enhancement (MSE)interceptor; an ultra-high frequency (UHF) Surveillance Radar (SR) that provides 360-degree

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^{***} The FY 2014 OCO Request will be submitted at a later date

| Exhibit R-2A, RDT&E Project Justification: PB 2014 Army | | DATE: April 2013 |
|---------------------------------------------------------|-------------------------------------|-----------------------------|
| APPROPRIATION/BUDGET ACTIVITY | R-1 ITEM NOMENCLATURE | PROJECT |
| 2040: Research, Development, Test & Evaluation, Army | PE 0604869A: Patriot/MEADS Combined | M06: PATRIOT/MEADS COMBINED |
| BA 5: System Development & Demonstration (SDD) | Aggregate Program (CAP) | AGGREGATE PROGRAM (CAP) |

coverage and near-range to long-range detection of low radar cross-section targets; and two X-band Multifunction Fire Control Radars (MFCR) that provide 360-degree coverage and are designed for high-precision handover to the in-flight missile, discrimination capabilities, and short-range target detection and horizon search.

The U.S. rendered a MEADS program decision in Feb 2011 to continue the D&D phase focusing remaining activities to implement a "demonstration of capabilities" through 2013 with the remaining MOU funds to provide a meaningful capability for Germany and Italy and a possible future option for the U.S. Based on this decision, NAMEADSMA developed a new D&D detailed program schedule and the Board of Directors (BoD) approved it via a signed contract amendment on 31 October 2011. None of the funds authorized to be appropriated or otherwise made available for fiscal year 2013 for the Department of Defense may be obligated or expended for the Medium Extended Air Defense System (MEADS).

The PAC-3 system is continuously being improved via hardware and software changes. The latest missile improvement is the MSE and has been accepted as the baseline missile for MEADS. It is being developed by the U.S. for PATRIOT to meet U.S. operational requirements. The MSE will provide a more agile and lethal interceptor that increases the engagement envelope/defended area of PATRIOT and the MEADS systems. The MSE improves upon the current PAC-3 missile capability with a higher performance solid rocket motor, modified lethality enhancer, more responsive control surfaces, upgraded guidance software, and insensitive munitions improvements. PAC-3 is reported under Program Element 0605456A.

FY 2012 FY 2013

FY 2014

| 217 to completion turnous regions (V III minimalia) 7 th to completion and the completion of the compl | 1 1 2012 | 20.0 | 1 1 2017 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|----------|
| Title: Medium Extended Air Defense Missile System (MEADS) Design and Development (D&D) | 328.480 | 328.200 | 0.000 |
| Articles: | 0 | 0 | |
| Description: U.S. contribution to the North Atlantic Treaty Organization (NATO) MEADS Management Agency (NAMEADSMA) International Program Office operational (prime contract) and administrative (support contracts/personnel/travel) budgets to manage the Design and Development (D&D) Phase Contract. | | | |
| FY 2012 Accomplishments: Continue the U.S. contribution to the North Atlantic Treaty Organization (NATO) MEADS Management Agency (NAMEADSMA) International Program Office operational (prime contract) and administrative (support contracts/personnel/travel) budgets to manage the Design and Development (D&D) Phase Contract to implement a demonstration of capabilities effort. | | | |
| FY 2013 Plans: Continue the U.S. contribution to the North Atlantic Treaty Organization (NATO) MEADS Management Agency (NAMEADSMA) International Program Office operational (prime contract) and administrative (support contracts/personnel/travel) budgets to manage the Design and Development (D&D) Phase Contract to design, build, test and evaluate the production representative MEADS Hardware. | | | |
| Title: MEADS Design and Development Program Integration | 25.536 | 46.387 | 0.000 |
| Articles: | 0 | 0 | |
| Description: Implement program integration efforts focusing the remaining activities on a demonstration of capabilities effort. | | | |

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

| Exhibit R-2A, RDT&E Project Justification: PB 2014 Army | | | DATE: A | pril 2013 | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------|-------------|---------|--|--|
| APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD) | R-1 ITEM NOMENCLATURE PE 0604869A: Patriot/MEADS Combined Aggregate Program (CAP) | PROJECT M06: PATRIOT/MEADS COMBINED AGGREGATE PROGRAM (CAP) | | | | | |
| B. Accomplishments/Planned Programs (\$ in Millions, Article Qua | antities in Each) | | FY 2012 | FY 2013 | FY 2014 | | |
| FY 2012 Accomplishments: Continue to implement program integration efforts focusing on activitie | es to implement a demonstration of capabilities effort. | | | | | | |
| FY 2013 Plans: Continue to implement program integration efforts to support transition MEADS capability. Assessment of performance against US Threat. It US MEADS programs to address unique US requirements; MEADS-IE US MEADS sensor performance upgrades; PAC-3 CRI compatibility; a material release certifications, planning for US MEADS IOT&E, and re | dentify gaps / shortfalls; development and managemen BCS compatibility; development of a US MEADS testbe and US MEADS Production and Fielding efforts (requir | t of d, | | | | | |
| Title: National and International Program Office Support | A | 4:-1 | 12.808 | 14.749 | 0.000 | | |
| Description: Management, support and salaries for the MEADS Nation | | ticles: | 0 | U | | | |
| FY 2012 Accomplishments: Continue Management, support and salaries for the MEADS National and Development (D&D) activities to implement a demonstration of capabilities. | | and | | | | | |
| FY 2013 Plans: Continue management, support and salaries for the MEADS National | and International program offices. | | | | | | |
| Title: MEADS US Only Efforts | | ticles: | 10.786 0 | 11.525 0 | 0.000 | | |
| Description: US only efforts to support Exciter and Exportable Missile | e Model | | | | | | |
| FY 2012 Accomplishments: Continue support for the U.Sdeveloped and technology-restricted Ex | citer and Exportable Missile Model. | | | | | | |
| FY 2013 Plans: Continue US Exciter support effort and Exportable Missile Model. | | | | | | | |
| | Accomplishments/Planned Programs Sub | totals | 377.610 | 400.861 | 0.000 | | |

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PE 0604869A: Patriot/MEADS Combined Aggregate Program (CAP) Army

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| Exhibit R-2A, RDT&E Project Justi | fication: PB | 2014 Army | ' | | , | , | | , | DATE: A | oril 2013 | |
|----------------------------------------|------------------|-----------|-------------|------------|--------------------|---------|----------|---------|-----------|------------|------------|
| APPROPRIATION/BUDGET ACTIVI | ITY | | | R-1 IT | EM NOMEN | CLATURE | | PROJEC | T | | |
| 2040: Research, Development, Test | | • | | | 04869A: <i>Pat</i> | | Combined | | | DS COMBIN | I |
| BA 5: System Development & Demo | nstration (SD | D) | | Aggre | gate Prograi | n (CAP) | | AGGREG | SATE PROG | RAM (CAP) |) |
| C. Other Program Funding Summa | ary (\$ in Milli | ons) | | | | | | | | | |
| | | | FY 2014 | FY 2014 | FY 2014 | | | | | Cost To | |
| <u>Line Item</u> | FY 2012 | FY 2013 | Base | <u>oco</u> | <u>Total</u> | FY 2015 | FY 2016 | FY 2017 | FY 2018 | | Total Cost |
| • PE 0605456A: <i>Proj PA3, PAC-3/</i> | 86.139 | 69.029 | 68.843 | | 68.843 | 129.627 | 63.506 | 65.179 | 65.734 | Continuing | Continuing |
| MSE Missile | | | | | | | | | | | |
| SSN C53101: MSE Missile | 74.953 | 12.850 | 540.401 | | 540.401 | 540.520 | 559.623 | 566.757 | | • | Continuing |
| • PE 0102419A: <i>Proj E55, JLENS</i> | 317.382 | 190.422 | 98.450 | | 98.450 | 46.600 | 47.450 | 37.830 | 2.600 | | Continuing |
| • PE 0605455A: <i>Proj</i> \$35 | 1.186 | | | | | | | | | Continuing | Continuing |
| SLAMRAAM | | | | | | | | | | | |
| • PE 0604319A: <i>Proj DU3, IFPC2</i> | 8.834 | 76.039 | 79.232 | | 79.232 | 107.587 | 146.463 | 151.769 | 159.700 | Continuing | Continuing |
| (FY12 PE0603305A IFPCI II | | | | | | | | | | | |
| Intercept) | | | | | | | | | | | |
| • PE 0605457A: <i>PE 0605457A</i> | 262.032 | 262.211 | 364.649 | | 364.649 | 382.869 | 221.306 | 141.908 | 79.338 | Continuing | Continuing |
| Proj S40, Army Integrated Air and | | | | | | | | | | | |
| Missile Defense (AIAMD) | | | | | | | | | | | |
| • SSN BZ5075: Army IAMD Battle | | | 21.200 | | 21.200 | 100.700 | 315.370 | 482.640 | 446.130 | Continuing | Continuing |
| Command System (IBCS) | 0.000 | 0.400 | 4.540 | | 4.540 | 5.004 | 5.044 | 0.007 | 0.050 | o | |
| • PE 0604820A: <i>Proj E10</i> , | 3.093 | 3.486 | 1.549 | | 1.549 | 5.264 | 5.911 | 6.307 | 6.053 | Continuing | Continuing |
| SENTINEL | F7.0F0 | 70.000 | 10.004 | | 10.001 | 00.000 | 00 557 | 40.000 | 44.045 | o | |
| • PE 654741: Project Numbers | 57.050 | 73.333 | 18.294 | | 18.294 | 20.898 | 20.557 | 18.009 | 11.015 | Continuing | Continuing |
| 126, 146 and 149 | | | | | | | | | | | |

Remarks

PAC-3 / MEADS CAP RDTE funding was combined under PE0604869A beginning in FY 2006. This program is an integral part of the PEO, Missiles and Space Integrated Air and Missile Defense (IAMD) architecture. Beginning in FY 2011, PAC-3/MSE Missile was reported under PE 0605456A, Project PA3.

D. Acquisition Strategy

On 1 July 2004, the Defense Acquisition Board approved the Acquisition Strategy (AS) for the PATRIOT/MEADS CAP Milestone B. On 6 April 2006, the Lower Tier Project Manager submitted a Program Deviation Report (PDR) to notify the Under Secretary of Defense for Acquisition, Technology, and Logistics, of changes affecting the 6 August 2004, approved PATRIOT/MEADS CAP Acquisition Program Baseline (APB). On 9 February 2006, the Army System Acquisition Review Council (ASARC) approved establishment of the Integrated Air and Missile Defense (IAMD) Project Office (PO) to lead development efforts for the Army IAMD. On 8 May 2006, the Army established the IAMD PO which will manage the U.S. Army's initiatives to implement the user's operational concept from a System-Centric focus to a Network-Centric, Component-Based (Plug and Fight) architecture. The PATRIOT/MEADS CAP Acquisition Program Baseline and Acquisition Strategy will be modified to reflect these changes. The U.S. rendered a MEADS program decision on 11 Feb 2011 to continue the D&D phase focusing remaining activities to implement a "demonstration of capabilities" through 2013 with the remaining MOU funds to provide a meaningful capability for Germany and Italy and a possible future option for the

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| Exhibit R-2A, RDT&E Project Justification: PB 2014 Army | | DATE: April 2013 |
|-----------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------|
| APPROPRIATION/BUDGET ACTIVITY | R-1 ITEM NOMENCLATURE | PROJECT |
| 2040: Research, Development, Test & Evaluation, Army | PE 0604869A: Patriot/MEADS Combined | M06: PATRIOT/MEADS COMBINED |
| BA 5: System Development & Demonstration (SDD) | Aggregate Program (CAP) | AGGREGATE PROGRAM (CAP) |
| U.S. Based on this decision, NAMEADSMA developed a new D&D detailed October 2011. | program schedule and the Board of Directors | (BoD) approved it via a signed contract on 31 |
| E. Performance Metrics | | |
| Performance metrics used in the preparation of this justification material may | be found in the FY 2010 Army Performance I | Budget Justification Book, dated May 2010. |
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PE 0604869A: Patriot/MEADS Combined Aggregate Program (CAP)

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army

APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

PE 0604869A: Patriot/MEADS Combined Aggregate Program (CAP)

PROJECT

M06: PATRIOT/MEADS COMBINED AGGREGATE PROGRAM (CAP)

DATE: April 2013

| Management Service | es (\$ in M | illions) | | FY 2012 | | FY 2013 | | FY 2 Ba | | FY 2014 OCO | | FY 2014 Total | | | |
|---------------------------------|------------------------------|---------------------------------------------|--------------------|---------|---------------|---------|---------------|------------|---------------|----------------|---------------|------------------|---------------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | All Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| International Operating | Various | NAMEADSMA:Huntsv AL | ille, 38.991 | 2.102 | Dec 2011 | 9.000 | | - | | - | | - | 0.000 | 50.093 | 0.000 |
| Gov't Program Services/ Mgmt | Various | Lower Tier Project Office:Huntsville, AL | 3.000 | 1.500 | Dec 2011 | 1.500 | | - | | - | | - | 0.000 | 6.000 | 0.000 |
| | | Subtotal | 41.991 | 3.602 | | 10.500 | | 0.000 | | 0.000 | | 0.000 | 0.000 | 56.093 | 0.000 |

| Product Developmen | t (\$ in Mi | illions) | | FY 2 | 2012 | FY 2 | 013 | | 2014 Ise | FY 2 | 2014 CO | FY 2014 Total | | | |
|--------------------------------------------|------------------------------|-----------------------------------------------------------------|-------------------------|---------|---------------|---------|---------------|-------|---------------|-------|---------------|------------------|---------------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | All Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Design and Development | Various | NAMEADSMA:Huntsv | ille 1,544.000 | 328.480 | Dec 2011 | 328.200 | | - | | - | | - | 0.000 | 2,200.680 | 0.000 |
| Program Integration | Various | Various:Huntsville, AL | 143.890 | 13.361 | Dec 2011 | 27.698 | | - | | - | | - | 0.000 | 184.949 | 0.000 |
| Product Development Support | Various | Program Office:Huntsville, AL | 51.082 | 6.406 | Dec 2011 | 6.400 | | - | | - | | - | 0.000 | 63.888 | 0.000 |
| U.S. Only Security / Exciter | SS/CPFF | Lockheed Martin:Syracuse, NY; Dallas, TX & Orlando, FL | 73.035 | 7.500 | Feb 2012 | 7.276 | | - | | - | | - | 0.000 | 87.811 | 0.000 |
| U. S. Other Government Agencies (OGA's) | Various | Various:Huntsville, AL | 42.120 | | Dec 2011 | 5.972 | | - | | - | | - | 0.000 | 53.224 | 0.000 |
| International Program Office | Various | NAMEADSMA:Huntsv AL | ille, _{23.042} | 4.729 | Feb 2012 | 5.500 | | - | | - | | - | 0.000 | 33.271 | 0.000 |
| Systems Engineering | Various | AMRDEC:Huntsville, AL | 30.667 | 3.200 | Dec 2011 | 3.600 | | - | | - | | - | 0.000 | 37.467 | 0.000 |
| U.S. Contracts | Various | Various:Huntsville, AL | 61.947 | 5.200 | Feb 2012 | 5.715 | | - | | - | | - | 0.000 | 72.862 | 0.000 |
| | | Subtotal | 1,969.783 | 374.008 | | 390.361 | | 0.000 | | 0.000 | | 0.000 | 0.000 | 2,734.152 | 0.000 |

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|-----------------------------------------------------------------------------------------------------------------------------|--------------------|---------|------------------------------------------------|-------------------|------------|-------------------------------------------------------------|------------|---------------|--------------------------------|--|
| Exhibit R-3, RDT&E Project Cost Analysis: PB 2 | 2014 Army | / | | | | DATE | : April 20 | 13 | | |
| APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, BA 5: System Development & Demonstration (SDI | | | R-1 ITEM NOM PE 0604869A: Aggregate Prog | Patriot/MEADS Com | bined | PROJECT M06: PATRIOT/MEADS COMBINED AGGREGATE PROGRAM (CAP) | | | | |
| | All Prior Years | FY 2012 | FY 2013 | FY 2014 Base | FY 2 OC | | Cost To | Total Cost | Target Value of Contract | |
| Project Cost Totals | 2,011.774 | 377.610 | 400.861 | 0.000 | 0.000 | 0.000 | | 2,790.245 | 0.000 | |
| | | | | | | | | | | |
| | | | | | | | | | | |

PE 0604869A: Patriot/MEADS Combined Aggregate Program (CAP)
Army

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