Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army

Date: March 2014

Appropriation/Budget Activity

2040: Research, Development, Test & Evaluation, Army I BA 5: System

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

R-1 Program Element (Number/Name)

Development & Demonstration (SDD)

| , | , | | | | | | | | | | | |
|--|----------------|---------|---------|-----------------|-----------------------------|------------------|---------|---------|---------|---------|---------------------|---------------|
| COST (\$ in Millions) | Prior Years | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO [#] | FY 2015 Total | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Cost To Complete | Total Cost |
| Total Program Element | - | 348.234 | - | - | - | - | - | - | - | - | - | 348.234 |
| M06: Patriot/Meads Combined Aggregate Program | - | 348.234 | - | - | - | - | - | - | - | - | - | 348.234 |

[#] The FY 2015 OCO Request will be submitted at a later date.

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 Memorandum of Understanding (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 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 Mar 2014 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.

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army

Appropriation/Budget Activity

2040: Research, Development, Test & Evaluation, Army I BA 5: System

R-1 Program Element (Number/Name)
PE 0604869A I Patriot/MEADS Combined Aggregate Program (CAP)

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.

U.S. financial support completed with FY13 funds.

Development & Demonstration (SDD)

| B. Program Change Summary (\$ in Millions) | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO | FY 2015 Total |
|---|---------|---------|--------------|-------------|---------------|
| Previous President's Budget | 400.861 | - | - | - | - |
| Current President's Budget | 348.234 | - | - | - | - |
| Total Adjustments | -52.627 | - | - | - | - |
| Congressional General Reductions | - | - | | | |
| Congressional Directed Reductions | -52.627 | - | | | |
| Congressional Rescissions | - | - | | | |
| Congressional Adds | - | - | | | |
| Congressional Directed Transfers | - | - | | | |
| Reprogrammings | - | - | | | |
| SBIR/STTR Transfer | - | - | | | |

| Exhibit R-2A, RDT&E Project Ju | stification | : PB 2015 A | rmy | | | | | | | Date: Mar | ch 2014 | |
|--|----------------|-------------|---------|-----------------|------------------|------------------|----------------------------------|---------|-------------------------------------|-----------|---------------------------|---------------|
| Appropriation/Budget Activity 2040 / 5 | | | | | PE 060486 | | t (Number/ t/MEADS Co CAP) | • | Project (N M06 / Patr Program | | ne) Combined Ag | gregate |
| COST (\$ in Millions) | Prior Years | FY 2013 | FY 2014 | FY 2015 Base | FY 2015 OCO # | FY 2015 Total | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Cost To Complete | Total Cost |
| M06: Patriot/Meads Combined Aggregate Program | - | 348.234 | - | - | - | - | - | - | - | - | - | 348.234 |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

[#] The FY 2015 OCO Request will be submitted at a later date.

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 March 2014; no resources are budgeted to support these efforts after 2013. This program element was terminated.

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 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.

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| | UNCLASSIFIED | | | | |
|---|--|----------------|------------------------------------|---------------------------------|--------------------|
| Exhibit R-2A, RDT&E Project Justification: PB 2015 Army | | | Date: M | arch 2014 | |
| Appropriation/Budget Activity 2040 / 5 | R-1 Program Element (Number/Name) PE 0604869A I Patriot/MEADS Combined Aggregate Program (CAP) | _ | ct (Number/N Patriot/Mead am | • | Aggregate |
| The U.S. rendered a MEADS program decision in Feb 2011 to continue through Mar 2014 with the remaining MOU funds to provide a meaningfu decision, NAMEADSMA developed a new D&D detailed program sched 2011. | ul capability for Germany and Italy and a possible fu | ure opti | on for the U.S | S. Based on | this |
| The PAC-3 system is continuously being improved via hardware and so as the baseline missile for MEADS. It is being developed by the U.S. fo lethal interceptor that increases the engagement envelope/defended are capability with a higher performance solid rocket motor, modified lethalit munitions improvements. PAC-3 is reported under Program Element 06 | r PATRIOT to meet U.S. operational requirements. ea of PATRIOT and the MEADS systems. The MSE y enhancer, more responsive control surfaces, upgr | The MS improve | E will provide es upon the c | e a more agile current PAC-3 | e and 3 missile |
| B. Accomplishments/Planned Programs (\$ in Millions, Article Quant | tities in Each) | | FY 2013 | FY 2014 | FY 2015 |
| Title: Medium Extended Air Defense Missile System (MEADS) Design a | . , | ticles: | 275.573 | - | - |
| Description: U.S. contribution to the North Atlantic Treaty Organization International Program Office operational (prime contract) and administra manage the Design and Development (D&D) Phase Contract. | (NATO) MEADS Management Agency (NAMEADS) | | | | |
| FY 2013 Accomplishments: Funds the final U.S. contribution to the North Atlantic Treaty Organization International Program Office operational (prime contract) and administration of a MEADS Demonstration of Capabilities and will bring the U.S. participant under the MEADS contract amendment #26. Remaining efforts include two intercept flight tests, and four system capability demonstrations as the 2QFY14. | tive (support contracts/personnel/travel) for the year pation in the MEADS development program to a clos Data Archival for all major MEADS elements, the las | se t of | | | |
| Title: MEADS Design and Development Program Integration | Ar | ticles: | 46.387 - | | - |
| Description: Close out of MEADS Program. | | | | | |
| FY 2013 Accomplishments: Funds close out planning and execution that is conducted in parallel with anticipated date for termination of U.S. security oversight and return of U of 4QFY14. | | end | | | |
| Title: National and International Program Office Support | | | 14.749 | - | - |

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

| PE 0604869A / Patriot/MEADS Combined Aggregate Program (CAP) B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) Description: Management support and salaries for the MEADS National and International program offices. FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Title: MEADS U.S. Only Efforts Description: U.S. only efforts to support Exciter and Exportable Missile Model FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs SC. Other Program Funding Summary (\$ in Millions) | Articles: | FY 2013 - 11.525 | FY 2014 | Aggregate FY 2015 |
|---|-----------|-------------------|---------------|--------------------|
| PE 0604869A I Patriot/MEADS Combined Aggregate Program (CAP) B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) Description: Management support and salaries for the MEADS National and International program offices. FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Title: MEADS U.S. Only Efforts Description: U.S. only efforts to support Exciter and Exportable Missile Model FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs SC. Other Program Funding Summary (\$ in Millions) | Articles: | FY 2013 - 11.525 | FY 2014 | |
| Description: Management support and salaries for the MEADS National and International program offices. FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Title: MEADS U.S. Only Efforts Description: U.S. only efforts to support Exciter and Exportable Missile Model FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs SC. Other Program Funding Summary (\$ in Millions) | Articles: | - 11.525 - | - - - | FY 2015 |
| FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Title: MEADS U.S. Only Efforts Description: U.S. only efforts to support Exciter and Exportable Missile Model FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs SC. Other Program Funding Summary (\$ in Millions) | Articles: | - | - | |
| FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Title: MEADS U.S. Only Efforts Description: U.S. only efforts to support Exciter and Exportable Missile Model FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs S. C. Other Program Funding Summary (\$ in Millions) | | - | - | |
| Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Title: MEADS U.S. Only Efforts Description: U.S. only efforts to support Exciter and Exportable Missile Model FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs SC. Other Program Funding Summary (\$ in Millions) | | - | - | |
| Title: MEADS U.S. Only Efforts Description: U.S. only efforts to support Exciter and Exportable Missile Model FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs S C. Other Program Funding Summary (\$ in Millions) | | - | - | |
| Description: U.S. only efforts to support Exciter and Exportable Missile Model FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs SC. Other Program Funding Summary (\$ in Millions) | | - | - | |
| FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs SC. Other Program Funding Summary (\$ in Millions) | | 348.234 | - | |
| FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs SC. Other Program Funding Summary (\$ in Millions) | Subtotals | 348.234 | - | |
| FY 2013 Accomplishments: Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs S. C. Other Program Funding Summary (\$ in Millions) | Subtotals | 348.234 | - | |
| Facilitates the closing out of the PATRIOT/ MEADS Combined Aggregate Program(CAP) in 2QFY14. Accomplishments/Planned Programs S C. Other Program Funding Summary (\$ in Millions) | Subtotals | 348.234 | - | |
| Accomplishments/Planned Programs S | Subtotals | 348.234 | - | |
| C. Other Program Funding Summary (\$ in Millions) | Subtotals | 348.234 | - | |
| | | <u> </u> | <u></u> | |
| | | | | |
| | | | | |
| FY 2015 FY 2015 FY 2015 | | | Cost To | _ |
| <u>Line Item</u> <u>FY 2013 FY 2014 Base OCO Total FY 2016 FY 2017</u> | FY 20 | 18 FY 201 | 9 Complete | Total Co |
| • PE 0605456A: <i>Proj</i> 63.123 68.807 35.009 - 35.009 2.271 - <i>PA3, PAC-3/MSE Missile</i> | | | - | 169.2 |
| • SSN C53101: MSE Missile 8.249 690.401 384.605 - 384.605 419.791 422.527 | 458.72 | 24 407.55 | 3 Continuing | a Continui |
| • PE 0205456: <i>Proj EF9</i> , - 78.758 - 78.758 64.628 67.461 | | | 66 Continuing | |
| System Integration and Test | 05.7 | 34 117.00 | O Continuing | , Continui |
| • SSN C50016: Lower Tier Air 110.300 - 110.300 116.416 131.549 | 114.6 | 78 113 28 | 31 Continuing | r Continui |
| and Missile Defense (AMD) | 114.0 | 70 113.20 | 71 Continuing | , Continu |
| • PE 0102419A: <i>Proj E55, JLENS</i> 142.508 83.406 54.076 - 54.076 50.167 39.590 | 2.50 | 66 0.00 | 3 Continuing | r Continui |
| • PE 0604319A: <i>Proj DU3</i> , 25.710 79.190 96.177 - 96.177 156.523 90.980 | | | 33 Continuing | |
| IFPC2 (FY12 PE0603305A | 30.2 | 14 27.00 | o Continuing | , Continu |
| IFPCI II Intercept) | | | | |
| • PE 0605457A: <i>Proj S40</i> , 233.892 369.452 142.584 - 142.584 215.659 228.791 | 170.82 | 28 154 56 | 55 Continuing | r Continui |
| Army Integrated Air and | 170.02 | 20 107.00 | o oonanang | , 5011111111 |
| Missile Defense (AIAMD) | | | | |
| • SSN BZ5075: IAMD Battle 21.091 206.300 | 298.99 | QN 370 QQ | 31 Continuing | r Continui |
| Command System (IBCS) | 290.9 | 30 313.80 | | , Continu |

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

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R-1 Line #114

| E | Exhibit R-2A, RDT&E Project Just | ification: PB | 2015 Army | | | | | | | Date: Ma | rch 2014 | |
|---|--|------------------|-----------|-------------|---------|--------------|---------------------------------------|---------|---------|-------------------------|--------------------------|-------------------|
| | Appropriation/Budget Activity 2040 / 5 | | | | PE 06 | • | nent (Numb htriot/MEADS n (CAP) | • | , , | Number/Na riot/Meads | me) Combined A | ggregate |
| (| C. Other Program Funding Summ | ary (\$ in Milli | ons) | | | | | | | | | |
| | | | | FY 2015 | FY 2015 | FY 2015 | | | | | Cost To | |
| | <u>Line Item</u> | FY 2013 | FY 2014 | Base | OCO | <u>Total</u> | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Complete | Total Cost |
| | PE 0604820A: Proj E10, SENTINEL | 3.734 | 1.548 | 5.224 | - | 5.224 | 12.213 | 11.389 | 10.906 | 12.132 | Continuing | Continuing |
| | PE 0604741A: Project Numbers 126, 146 and 149; | 42.876 | 18.284 | 15.906 | - | 15.906 | 20.248 | 19.632 | 19.878 | 20.165 | Continuing | Continuing |

Remarks

D. Acquisition Strategy

Air Defense C2I Eng Dev

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 Mar 2014 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 on 31 October 2011.

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army

Appropriation/Budget Activity

2040 / 5

R-1 Program Element (Number/Name)
PE 0604869A / Patriot/MEADS Combined

Aggregate Program (CAP)

Project (Number/Name)

M06 I Patriot/Meads Combined Aggregate

Date: March 2014

Program

| Management Service | es (\$ in M | illions) | | FY 2 | 2013 | FY 2 | 2014 | FY 2 Ba | | FY 2 | 2015 CO | FY 2015 Total | | | |
|---------------------------------|------------------------------|--|----------------|--------|---------------|------|---------------|------------|---------------|------|---------------|------------------|---------------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | 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 : Huntsville, AL | 41.093 | 9.000 | | - | | - | | - | | - | - | 50.093 | - |
| Gov't Program Services/ Mgmt | Various | Lower Tier Project Office : Huntsville, AL | 4.500 | 1.500 | | - | | - | | - | | - | - | 6.000 | - |
| | | Subtotal | 45.593 | 10.500 | | - | | - | | - | | - | - | 56.093 | - |

| Product Developmen | t (\$ in Mi | illions) | | FY 2 | 013 | FY 2 | 2014 | | 2015 ase | FY 2 | | FY 2015 Total | | | |
|--|------------------------------|---|----------------|---------|---------------|------|---------------|------|---------------|------|---------------|------------------|---------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To | Total Cost | Target Value of Contract |
| Design and Development | Various | NAMEADSMA : Huntsville, AL | 1,872.480 | 279.784 | | - | | - | | - | | - | - | 2,152.264 | - |
| Program Integration | Various | Various : Huntsville, AL | 157.251 | 23.487 | | - | | - | | - | | - | - | 180.738 | - |
| Product Development Support | Various | Program Office : Huntsville, AL | 57.488 | 6.400 | | - | | - | | - | | - | - | 63.888 | - |
| U.S. Only Security / Exciter | SS/CPFF | Lockheed Martin : Syracuse, NY; Dallas, TX & Orlando, FL | 80.535 | 7.276 | | - | | - | | - | | - | - | 87.811 | - |
| U. S. Other Government Agencies (OGA's) | Various | Various : Huntsville, AL | 47.252 | 5.972 | | - | | - | | - | | - | - | 53.224 | - |
| International Program Office | Various | NAMEADSMA : Huntsville, AL | 27.771 | 5.500 | | - | | - | | - | | - | - | 33.271 | - |
| Systems Engineering | Various | AMRDEC : Huntsville, AL | 33.867 | 3.600 | | - | | - | | - | | - | - | 37.467 | - |
| U.S. Contracts | Various | Various : Huntsville, AL | 67.147 | 5.715 | | - | | - | | - | | - | - | 72.862 | - |
| | | Subtotal | 2,343.791 | 337.734 | | - | | - | | - | | - | - | 2,681.525 | - |

| Exhibit R-3, RDT&E Project Cost Analysis: PB 201 | 15 Army | | | | | | Date: | March 20 | 14 | |
|--|----------------|---------|---------|--|---|------------|-------------------------------|---------------------|---------------|--------------------------------|
| Appropriation/Budget Activity 2040 / 5 | | | | lement (Number/N Patriot/MEADS Co rram (CAP) | • | | t (Number Patriot/Mea m | | ined Agg | regate |
| | Prior Years | FY 2013 | FY 2014 | FY 2015 Base | | 2015 CO | FY 2015 Total | Cost To Complete | Total Cost | Target Value of Contract |
| Project Cost Totals 2,3 | 389.384 | 348.234 | - | - | - | | - | - | 2,737.618 | - |
| <u>Remarks</u> | | | | | | | | | | |

| | | | , | JNCL | _A3 | SILIE | טב | | | | | | | | | | | | | | | | |
|--|-----------|------|------|------|-------|-------|-----------------------------|-------|----|-------------------|--------------|---------------|----|------|---|-------|---------------|------|------|-----|-------|------|-------|
| xhibit R-4, RDT&E Schedule Profile: PB 2 | 2015 Army | | | | | | | | | | | | | | | I | Date | : Ma | arch | 201 | 14 | | |
| ppropriation/Budget Activity 040 / 5 | | | | PI | E 060 | 4869 | n Eler A I Pa Prograi | triot | ME | ADS | er/Na Con | ame) nbine | ed | MO | | atric | imbe ot/Me | | | | ned . | Aggr | regat |
| | FY | 2013 | FY 2 | 2014 | | FY 2 | 2015 | | FY | ′ 20 ⁻ | 16 | | FY | 2017 | , | | FY 2 | 018 | | | FY 2 | 2019 | |
| | 1 2 | | | | 4 1 | | 3 4 | 4 1 | | 2 3 | _ | _ | 2 | | 4 | 1 | 2 | | | 1 | 2 | | |
| MEADS Design and Development | | | | İ | · | | | | | | | | | | | | | | | | | | |
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| Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army | | | Date: March 2014 |
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| Appropriation/Budget Activity | R-1 Program Element (Number/Name) | Project (N | umber/Name) |
| 2040 / 5 | PE 0604869A I Patriot/MEADS Combined | M06 I Patri | iot/Meads Combined Aggregate |
| | Aggregate Program (CAP) | Program | |
| | | | |

Schedule Details

| | St | art | Eı | nd |
|------------------------------|---------|------|---------|------|
| Events | Quarter | Year | Quarter | Year |
| MEADS Design and Development | 1 | 2009 | 2 | 2014 |