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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 Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0605457A I Army Integrated Air and Missile Defense (AIAMD)							
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	-	247.407	369.452	142.584	-	142.584	215.659	228.791	170.828	154.565	Continuing	Continuing
DU4: Advanced Electronic Protection Enhancements AEPE	-	13.515	-	-	-	-	-	-	-	-	-	13.515
S40: Army Integrated Air and Missile Defense	-	233.892	369.452	142.584	-	142.584	215.659	228.791	170.828	154.565	Continuing	Continuing

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

Note

FY15 adjustment reflects the Army's decision to move Initial Operational Capability (IOC) to FY18.

A. Mission Description and Budget Item Justification

The Army Integrated Air and Missile Defense (AIAMD) Program is a direct response to the U.S. Army Air and Missile Defense (AMD) Concept and Operational and Organizational (O&O) Plan for the Future Force, the Army Integrated Air and Missile Defense System of Systems (SoS) Capabilities Development Document (CDD) and the new Air and Missile Defense Task Force Concept of Operations (CONOPS). The AIAMD Program is uniquely structured to enable the development of an overarching SoS capability with all participating Air Defense Artillery (ADA) components functioning interdependently to provide total operational capabilities not achievable by the individual element systems. The AIAMD program achieves this objective by establishing the AIAMD architecture and developing (1) the IAMD Battle Command Systems (IBCS) Engagement Operations Center (EOC) that provides the common Mission Command capability, (2) the Integrated Fire Control Network (IFCN) capability for fire control connectivity and distributed operations, and (3) the common Plug and Fight (P&F) Kits that network enable multiple sensor components, weapon components, and the IBCS EOC.

The AIAMD Program will provide advanced capabilities to the Army and the soldier by allowing transformation to a network-centric system-of-systems capability (also referred to as "Plug and Fight") that integrates AMD sensors and weapons with the IBCS EOC. The AIAMD SoS architecture will enable extended range and non-line-of-sight engagements, to include joint kill chain engagements across the full spectrum of aerial threats, providing fire control quality data to the most appropriate weapon to complete the mission successfully. Further, it will mitigate the coverage gaps and the single points of failure that have plagued AMD defense design in the past. The AIAMD program will provide the user with the ability to train on a single command and control (C2) system that will result in overall training savings. The AIAMD program will also provide the Army with the ability to procure components that will build to established interfaces allowing them to "connect" to the IFCN alleviating the cost of procuring total system capabilities in the future.

As a result of sequestration reductions in FY13 and budget reductions beginning in FY15, the program will defer Initial Operational Capability (IOC) from FY16 to FY18. The FY18 capabilities will be delivered through fielding of the IBCS EOC-based AIAMD architecture including the IBCS EOC, Sentinel, and Patriot components connected via an IFCN, working in an integrated manner. Additional capabilities include the incorporation of IBCS functionality into Air Defense Airspace Management

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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army I BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605457A / <i>Army Integrated Air and Missile Defense (AIAMD)</i>
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(ADAM) Cells, ADA Brigade Headquarters and Army Air and Missile Defense Command (AAMDC) Headquarters. Future additional capabilities include incorporation of Theater High Altitude Air Defense (THAAD) batteries and composite Indirect Fire Protection Capability (IFPC)/Avenger battalions into the AIAMD architecture.

Funding in FY15 will provide for the EMD developmental test phase. There is no Advanced Electronic Protection Enhancement (AEPE) funding in this PE after FY14.

Fielding of the IBCS is the Army Air Defense Artillery User's number one priority. The AIAMD Program is on track to deliver the IOC in FY18.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	277.374	364.649	382.869	-	382.869
Current President's Budget	247.407	369.452	142.584	-	142.584
Total Adjustments	-29.967	4.803	-240.285	-	-240.285
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	5.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.366	-			
• SBIR/STTR Transfer	-7.614	-			
• Adjustments to Budget Years	-	-0.197	-240.285	-	-240.285
• Other Adjustments 1	-21.987	-	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605457A / Army Integrated Air and Missile Defense (AIAMD)				Project (Number/Name) DU4 / Advanced Electronic Protection Enhancements AEPE			
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
DU4: Advanced Electronic Protection Enhancements AEPE	-	13.515	-	-	-	-	-	-	-	-	-	13.515
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
Note This funding provides for a new start in FY13.												
A. Mission Description and Budget Item Justification The advanced electronic protection (EP) enhancement program funds efforts to assess and initiate development of fixes to the Army's air and missile defense systems vulnerability to deceptive electronic attack (EA). The assessment effort includes both radars and Radio Frequency (RF) data links and will incorporate the latest threat information, comparable work being executed by the other services and conceptual EP solutions. The conceptual solutions will be a combination of direct individual sensor mitigation techniques and multiple sensor network approaches. The tasks are: (1) Conduct individual radar and RF guided missile digital simulations capable of assessing system performance when exposed to current and future deceptive EA techniques. (2) Purchase and modify commercial and military off-the-shelf injection units to insert actual high fidelity EA signals into the radar's and guided missile's receivers. (3) In conjunction with the Joint Electronic Protection for Air Combat (JEPAC) unit and the Army Research Laboratory's Survivability Assessment Directorate conduct and evaluate field tests of deceptive EA against Army air and missile defense systems. Use results to formulate near term tactics, technique and procedures for immediate fielding and to identify the highest priority areas to concentrate future development efforts. (4) Develop and implement models of Army air and missile defense systems and electronic attack effects to be used to the Extended Air Defense Simulation (EADSIM) for initial assessment of deceptive EA effects on the overall defense capability and potential network-based solutions. (5) Based on the results obtained from the simulations and field tests initiate the development of countermeasure EP techniques for air and missile defense radars and guided missile seekers.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2013	FY 2014	FY 2015	
Title: Advanced Electronic Protection Enhancements Articles: Description: Funding is provided for the following effort FY 2013 Accomplishments: Conducting Threat Assessments and Modeling and Simulation to formulate near term tactics, technique and procedures for immediate fielding and to identify the highest priority areas to concentrate future development efforts.									13.515	-	-	
									-	-	-	
									Accomplishments/Planned Programs Subtotals			

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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605457A / Army Integrated Air and Missile Defense (AIAMD)	Project (Number/Name) DU4 / Advanced Electronic Protection Enhancements AEPE
C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks Not applicable for this item.		
D. Acquisition Strategy N/A		
E. Performance Metrics N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army													Date: March 2014		
Appropriation/Budget Activity 2040 / 5				R-1 Program Element (Number/Name) PE 0605457A / Army Integrated Air and Missile Defense (AIAMD)						Project (Number/Name) DU4 / Advanced Electronic Protection Enhancements AEPE					
Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		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
Other Government Agencies & Government Program Management	Various	various : various	0.000	2.252		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			0.000	2.252		-		-		-		-	-	-	-
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		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
System Integration Assessment	Various	various : various	0.000	1.218		-		-		-		-	Continuing	Continuing	Continuing
Concept Solutions	Various	various : various	0.000	1.531		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			0.000	2.749		-		-		-		-	-	-	-
Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		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
Component Assessments & Research and Trade Studies	Various	various : various	0.000	5.137		-		-		-		-	Continuing	Continuing	Continuing
Modeling and Simulation	Various	various : various	0.000	3.377		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			0.000	8.514		-		-		-		-	-	-	-
			Prior Years	FY 2013	FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals			0.000	13.515		-		-		-		-	-	-	-
Remarks															

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605457A / Army Integrated Air and Missile Defense (AIAMD)				Project (Number/Name) S40 / Army Integrated Air and Missile Defense			
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
S40: Army Integrated Air and Missile Defense	-	233.892	369.452	142.584	-	142.584	215.659	228.791	170.828	154.565	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Note

Beginning in FY11, Army IAMD (AIAMD) funding was transferred from the AIAMD Program Element (PE) 0603327A, Project Code S34, to continue funding the Engineering and Manufacturing Development (EMD) phase of the program.

A. Mission Description and Budget Item Justification

The Army Integrated Air and Missile Defense (AIAMD) Program is a direct response to the U.S. Army Air and Missile Defense (AMD) Concept and Operational and Organizational (O&O) Plan for the Future Force, the Army Integrated Air and Missile Defense System of Systems (SoS) Capabilities Development Document (CDD) and the new Air and Missile Defense Task Force Concept of Operations (CONOPS). The AIAMD Program is uniquely structured to enable the development of an overarching SoS capability with all participating Air Defense Artillery (ADA) components functioning interdependently to provide total operational capabilities not achievable by the individual element systems. The AIAMD program achieves this objective by establishing the AIAMD architecture and developing (1) the IAMD Battle Command Systems (IBCS) Engagement Operations Center (EOC) that provides the common Mission Command capability, (2) the Integrated Fire Control Network (IFCN) capability for fire control connectivity and distributed operations, and (3) the common Plug and Fight (P&F) Kits that network enable multiple sensor components, weapon components, and the IBCS EOC.

The AIAMD Program will provide advanced capabilities to the Army and the soldier by allowing transformation to a network-centric system-of-systems capability (also referred to as "Plug and Fight") that integrates AMD sensors and weapons with the IBCS EOC. The AIAMD SoS architecture will enable extended range and non-line-of-sight engagements, to include joint kill chain engagements across the full spectrum of aerial threats, providing fire control quality data to the most appropriate weapon to complete the mission successfully. Further, it will mitigate the coverage gaps and the single points of failure that have plagued AMD defense design in the past. The AIAMD program will provide the user with the ability to train on a single command and control (C2) system that will result in overall training savings. The AIAMD program will also provide the Army with the ability to procure components that will build to established interfaces allowing them to "connect" to the IFCN alleviating the cost of procuring total system capabilities in the future.

As a result of sequestration reductions in FY13 and budget reductions beginning in FY15, the program will defer Initial Operational Capability (IOC) from FY16 to FY18. The FY18 capabilities will be delivered through fielding of the IBCS EOC-based AIAMD architecture including the IBCS EOC, Sentinel, and Patriot components connected via an IFCN, working in an integrated manner. Additional capabilities include the incorporation of IBCS functionality into Air Defense Airspace Management (ADAM) Cells, ADA Brigade Headquarters and Army Air and Missile Defense Command (AAMDC) Headquarters. Future additional capabilities include incorporation of Theater High Altitude Air Defense (THAAD) batteries and composite Indirect Fire Protection Capability (IFPC)/Avenger battalions into the AIAMD architecture.

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Appropriation/Budget Activity 2040 / 5		R-1 Program Element (Number/Name) PE 0605457A / Army Integrated Air and Missile Defense (AIAMD)	Project (Number/Name) S40 / Army Integrated Air and Missile Defense		
Funding in FY15 will provide for the EMD developmental test phase.					
Fielding of the IBCS is the Army Air Defense Artillery User's number one priority. The AIAMD Program is on track to deliver the IOC in FY18.					
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015
Title: Product Development			198.174	322.880	100.402
Articles:			-	-	-
Description: Funding is provided for the following effort					
FY 2013 Accomplishments: Completion of successful 2013 Demonstration. Completion of Software Build version 2.0 and version 2.1. Continuing product development in support of Prototype Deliveries of EOCs and P&F kits. Risk reduction test.					
FY 2014 Plans: Continuing product development in support of Prototype Deliveries of EOCs and P&F kits. Risk reduction test. Cyber Security and supply chain risk management. Advanced Electronic Protection Enhancements.					
FY 2015 Plans: Continuing product development in support of EMD Developmental Test and risk reduction test.					
Title: Government Program Management			4.172	4.501	4.538
Articles:			-	-	-
Description: Funding is provided for the following effort					
FY 2013 Accomplishments: Government Program Management in support of developing the P&F kits, IFCN, and Modeling and Simulation. Other contracts and OGAs support of EMD phase activities.					
FY 2014 Plans: Government Program Management in support of developing the P&F kits, IFCN, and Modeling and Simulation. Other contracts and OGAs support of the EMD phase. Risk reduction test.					
FY 2015 Plans: Government Program Management in support of developing the P&F kits, IFCN, and Modeling and Simulation. Other contracts and OGAs support of the EMD phase. Risk reduction test.					
Title: Test and Evaluation			31.546	42.071	37.644
Articles:			-	-	-

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)										FY 2013	FY 2014	FY 2015
Description: Funding is provided for the following effort												
FY 2013 Accomplishments: Provides for Modeling and Simulation, Joint Interoperability Test Support, Army Evaluation Center/Developmental Test Command/Operational Test Command support and White Sands Missile Range Test Support.												
FY 2014 Plans: Provides for Modeling and Simulation, Joint Interoperability Test Support, Army Evaluation Center/Developmental Test Command/Operational Test Command support and White Sands Missile Range Test Support to include design testing. Risk reduction test. Range activation preparation. Target preparation.												
FY 2015 Plans: Provides for Modeling and Simulation, Joint Interoperability Test Support, Army Evaluation Center/Developmental Test Command/Operational Test Command support and White Sands Missile Range Test Support for EMD Developmental Test. Risk reduction test. Target preparation.												
Accomplishments/Planned Programs Subtotals										233.892	369.452	142.584
C. Other Program Funding Summary (\$ in Millions)												
Line Item	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	
• PE 0604869A, Project M06: PE 0604869A, Project M06, PATRIOT/MEADS Combined Aggregate Program (CAP)	348.234	-	-	-	-	-	-	-	-	-	348.234	
• PE 0605456A, Project PA3: PE 0605456A, Project PA3, PAC- 3/MSE Missile	63.123	68.807	35.009	-	35.009	2.271	-	-	117.666	Continuing	Continuing	
• SSN C53101: SSN C53101, MSE Missile	8.249	690.401	384.605	-	384.605	419.791	422.527	458.724	497.553	Continuing	Continuing	
• PE 0205456, Project EF9: PE 0205456, Project EF9, System Integration and Test	-	-	78.758	-	78.758	64.628	67.461	65.734	117.666	Continuing	Continuing	
• SSN C50016: SSN C50016, Lower Tier Air and Missile Defense (AMD)	-	-	110.300	-	110.300	116.416	131.549	114.678	113.281	-	586.224	

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C. Other Program Funding Summary (\$ in Millions)												
Line Item	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	
• PE 0102419A, Proj E55: PE 0102419A, Proj E55, JLENS	142.508	83.406	54.076	-	54.076	50.167	39.590	2.566	0.003	Continuing	Continuing	
• PE 0604319A, Proj DU3: PE 0604319A, Proj DU3, IFPC2 (FY12 PE0603305A IFPC II- Intercept)	25.710	79.190	96.177	-	96.177	156.523	90.980	58.214	27.663	Continuing	Continuing	
• SSN BZ5075: SSN BZ5075, Army IAMD Battle Command System (IBCS)	-	-	-	-	-	21.091	206.300	298.990	379.981	Continuing	Continuing	
• PE 0604820A, Proj E10: 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, Proj 126, 146, 149: PE 0604741A, Proj 126, 146, 149, Counter-Rockets, Artillery and Mortar (C-RAM)	42.876	18.284	15.906	-	15.906	20.248	19.632	19.878	20.165	Continuing	Continuing	
Remarks												
This program is an integral part of the Army Integrated Air and Missile Defense (AIAMD) architecture. It provides for development of a common Mission Command (MC) through an open architecture approach allowing for integration of Air Defense Artillery (ADA) components as they become available. This approach enables the AIAMD program to pursue its baseline program independent of fluctuation of other programs.												
D. Acquisition Strategy												
The AIAMD acquisition strategy is to deliver an Initial Operational Capability (IOC) in FY18. The capabilities are delivered through the fielding of the IAMD Battle Command System (IBCS) Engagement Operations Center (EOC)-based AIAMD architecture including the IBCS EOC, Sentinel, and Patriot (through an Radar Interface Unit (RIU) interface) components connected via an Integrated Fire Control Network (IFCN), working in an integrated manner. The capabilities are delivered through employing the Patriot radar directly on the IFCN, eliminating the RIU from the architecture. Additional capabilities include the incorporation of IBCS functionality into Air Defense Airspace Management (ADAM) Cells, ADA Brigade Headquarters and Army Air and Missile Defense Command (AAMDC) Headquarters. Future additional capabilities include incorporation of Terminal High Altitude Area Defense (THAAD) batteries and other Army and Joint net-centric architectures to ensure compatibility.												
Key principles of the AIAMD acquisition approach are the following:												
- Migrate from system-based acquisition to component-based acquisition												
- Use system-of-systems acquisition approach with collaboration among AIAMD, PEO MS, PEO C3T, and Brigade Combat Team (BCT) Modernization Component Project Offices, Missile Defense Agency (MDA), and other Service Project Offices to network enable weapons and sensor components												

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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605457A / <i>Army Integrated Air and Missile Defense (AIAMD)</i>	Project (Number/Name) S40 / <i>Army Integrated Air and Missile Defense</i>
- Develop and procure common Army IAMD Battle Command System (IBCS) Engagement Operations Center (EOC) that replaces seven weapon system unique Battle Management Command, Control, Communications, Computers and Intelligence (BMC4I) components - Establish product lines used to evaluate and select, modify and integrate modular open systems hardware (HW) and software (SW) common configuration items - Conduct architecture-based System Engineering, Integration and Test (SEI&T) activities for an incremental fielded configuration of the AIAMD Integrated Fire Control (IFC) Network-compatible IBCS EOC, weapons and sensor system components		
<u>E. Performance Metrics</u>		
N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army												Date: March 2014			
Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0605457A / Army Integrated Air and Missile Defense (AIAMD)						Project (Number/Name) S40 / Army Integrated Air and Missile Defense			
Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		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
Government Program Management	TBD	Various : Huntsville, AL	10.017	4.172		4.501		4.538		-		4.538	Continuing	Continuing	Continuing
Subtotal			10.017	4.172		4.501		4.538		-		4.538	-	-	-
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		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
Air Space and Missile Defense (ASMD) System of Systems (SOS) Hardware-in-the- Loop Testbed	C/CPFF	Various : Huntsville, AL and multiple other locations	17.697	-		-		-		-		-	-	17.697	-
AIAMD System Engineering & Integration	C/CPFF	Contractor : Huntsville, AL	35.376	16.155		22.431		21.544		-		21.544	Continuing	Continuing	Continuing
IAMD Engineering Manufacturing and Development	C/CPIF	Northrop Grumman, Raytheon and Other : Huntsville, AL and Various other locations	389.369	172.023		262.331		65.248		-		65.248	Continuing	Continuing	Continuing
Government Furnished Equipment	TBD	Various : Multiple	10.920	1.135		2.032		2.017		-		2.017	Continuing	Continuing	Continuing
Government Systems Engineering and Logistics	TBD	Various : Huntsville, AL	10.092	8.861		10.086		11.593		-		11.593	Continuing	Continuing	Continuing
Advanced Electronic Protection Enhancement (AEPE)	TBD	Various : TBD	0.000	-		21.000		-		-		-	-	21.000	-
Cyber Security	TBD	Huntsville, AL : TBD	0.000	-		5.000		-		-		-	-	5.000	-
Subtotal			463.454	198.174		322.880		100.402		-		100.402	-	-	-

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Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0605457A I Army Integrated Air and Missile Defense (AIAMD)				Project (Number/Name) S40 I Army Integrated Air and Missile Defense					
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		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
Army Evaluation Center/ Developmental Test Command/Operational Test Command	TBD	Various : Multiple Locations	3.107	0.956		3.106		3.129		-		3.129	Continuing	Continuing	Continuing
Modeling & Sim/Joint Interoperability Test Spt	MIPR	SED : Huntsville, AL	29.731	26.687		28.813		28.804		-		28.804	Continuing	Continuing	Continuing
White Sands Missile Range (WSMR)	TBD	WSMR : White Sands, NM	2.414	3.903		10.152		5.711		-		5.711	Continuing	Continuing	Continuing
Subtotal			35.252	31.546		42.071		37.644		-		37.644	-	-	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			508.723	233.892		369.452		142.584		-		142.584	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army			Date: March 2014		
Appropriation/Budget Activity 2040 / 5			R-1 Program Element (Number/Name) PE 0605457A / Army Integrated Air and Missile Defense (AIAMD)		
			Project (Number/Name) S40 / Army Integrated Air and Missile Defense		

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Modeling and Simulation																												
EMD Developmental Test																												
Force Development Experimentation/Limited User Test (FDE, LUT)																												
Product Readiness Review (PRR)																												
Milestone C (MS C)																												
LRIP Developmental Test																												
Force Development Test/Initial Op T&E/HWIL (FDT/IOT&E/HWIL)																												
First Unit Equipped (FUE)																												
Initial Operational Capability (IOC)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605457A / <i>Army Integrated Air and Missile Defense (AIAMD)</i>	Project (Number/Name) S40 / <i>Army Integrated Air and Missile Defense</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Modeling and Simulation	1	2013	4	2018
EMD Developmental Test	2	2015	1	2016
Force Development Experimentation/Limited User Test (FDE, LUT)	1	2016	3	2016
Product Readiness Review (PRR)	1	2016	1	2016
Milestone C (MS C)	4	2016	4	2016
LRIP Developmental Test	2	2017	4	2017
Force Development Test/Initial Op T&E/HWIL (FDT/IOT&E/HWIL)	4	2017	3	2018
First Unit Equipped (FUE)	3	2017	3	2017
Initial Operational Capability (IOC)	3	2018	3	2018