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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Army **DATE:** February 2012

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				PE 0603305A: <i>Army Missile Defense Systems Integration</i>							
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	11.156	24.386	14.505	-	14.505	15.375	15.691	14.713	14.874	Continuing	Continuing
TR5: <i>MISSILE DEFENSE BATTLELAB</i>	7.013	15.117	14.505	-	14.505	15.375	15.691	14.713	14.874	Continuing	Continuing
TR7: <i>Indirect Fire Protection Capability II - Intercept</i>	4.143	9.269	-	-	-	-	-	-	-	Continuing	Continuing

Note

FY 2011: Funds realigned (\$0.299 million) to higher priorities.
FY 2012: Funds realigned (\$11.623 million) to higher priorities.
FY 2013: Funds realigned (\$69.052 million) to higher priorities.

A. Mission Description and Budget Item Justification

This Program Element funds missile defense systems integration efforts for both the US Army Space and Missile Defense Command/Army Forces Strategic Command (USASMDC/ARSTRAT) and the Program Executive Office for Missiles and Space (PEO-MS).

USASMDC/ARSTRAT: Headquarters, Department of the Army General Order 37, dated 16 October 2006, designated USASMDC/ARSTRAT as the Army proponent for space and ground-based midcourse defense (GMD), the Army integrator for global missile defense, and the Army Service Component Command (ASCC) of the U.S. Strategic Command (USSTRATCOM). Army Regulation (AR) 10-87 Army Commands, Army Service Component Commands, and Direct Reporting Units, dated 4 September 2007 and AR 5-22 The Army Force Modernization Proponent System dated 19 August 2009 designates USASMDC/ARSTRAT as the Army specified proponent for Global Missile Defense and Space/High Altitude capabilities. As the Army proponent for space, high altitude and GMD, USASMDC/ARSTRAT is responsible to develop warfighting concepts, conduct warfighting experiments to validate those concepts, identify capabilities needed to implement the validated concepts, and develop Doctrine, Organizations, Training, Material, Leadership & Education, Personnel and Facilities (DOTMLPF) solutions to realize the GMD capabilities. As the Army integrator for global missile defense, USASMDC/ARSTRAT is responsible to review programs managed by the Army, other Services, Defense agencies and National agencies to ensure that they are correctly synchronized and will ultimately provide the capabilities required by USSTRATCOM to execute its global missile defense responsibilities.

Project TR5 funds United States Army Space and Missile Defense Command/ Army Strategic Command (USASMDC/ARSTRAT) efforts to develop, analyze and mature warfighting concepts, focus military science and technology research, and conduct warfighting experiments for Space, Missile Defense, and High Altitude. Additionally, this project funds the delivery of innovations to the warfighter through prototyping, operational analysis, and experimentation in support of current and future Forces.

Project TR7 funds the Cruise Missile Defense Systems Project Office/ Program Executive Office Missiles and Space efforts to develop Indirect Fire Protection Capability Increment II - Intercept capabilities required to execute the US Army's objective Counter-Rockets, Artillery, and Mortar (C-RAM) mission.

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APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE				
2040: Research, Development, Test & Evaluation, Army		PE 0603305A: Army Missile Defense Systems Integration				
BA 4: Advanced Component Development & Prototypes (ACD&P)						
B. Program Change Summary (\$ in Millions)		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget		11.455	36.009	83.557	-	83.557
Current President's Budget		11.156	24.386	14.505	-	14.505
Total Adjustments		-0.299	-11.623	-69.052	-	-69.052
• Congressional General Reductions		-	-			
• Congressional Directed Reductions		-	-			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-0.128	-			
• Adjustments to Budget Years		-	-	-69.052	-	-69.052
• Other Adjustments 1		-0.171	-11.623	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603305A: Army Missile Defense Systems Integration				PROJECT TR5: MISSILE DEFENSE BATTLELAB			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
TR5: MISSILE DEFENSE BATTLELAB	7.013	15.117	14.505	-	14.505	15.375	15.691	14.713	14.874	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Project TR5 funds United States Army Space and Missile Command/ Army Strategic Command (USASMDC/ARSTRAT) efforts to develop, analyze and mature warfighting concepts, focus military science and technology research, and conduct warfighting experiments for Space, Missile Defense, and High Altitude. Additionally, this project funds the delivery of innovations to the warfighter through prototyping, and operational analysis in support of current and future Forces. The concepts, experiments, analyses, and prototypes apply to the entire mission areas assigned to USASMDC/ARSTRAT in its role as an Army Service Component Command (ASCC) to USSTRATCOM: Missile Defense, Space, Information Operations (IO), Global Strike (GS), Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR). .

The Future Warfare Center (FWC) identifies Service, Joint, Interagency and Multinational capability gaps and investigates, develops and transitions Integrated Air and Missile Defense prototype technology solutions. The FWC performs operational and cost benefit analyses, and develops Missile Defense threat specifications that enable the studies required to support major decisions concerning acquisition and the development of Concepts of Operations (CONOPS) that provide the best Army and Joint Space, Missile Defense, High Altitude, and Cyberspace capabilities to current and future warfighters.

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

	FY 2011	FY 2012	FY 2013
Title: Prototypes	4.207	9.069	8.661
Articles:	0	0	
Description: Funding is provided for the following effort			
FY 2011 Accomplishments: Developed the space, missile defense and high altitude portions of Army Capstone Operational Concepts and six Functional Concepts; developed two special topic events on Army operations in a degraded space environment and Army operations in a contested cyber environment for the Unified Quest events and; conducted Army directed Organizational-Based Assessment of Missile Defense and Space Brigades. Developed and executed technical and operational demonstrations for five COCOM led Joint Concept Technology Demonstrations in the areas of space, high altitude and Integrated Air and Missile Defense (IAMD) operational capabilities; demonstrated role of future space and high altitude capabilities to support improved LANDWARNET and persistent Intelligence Surveillance and Reconnaissance. Developed and fielded a homeland operations Joint, Interagency, Intergovernmental, and Multinational information sharing environment (leveraging battle lab prototypes) for the National Guard Joint Headquarters that significantly improves NORTHCOM's ability to push relevant information to on scene military and civil			

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 ITEM NOMENCLATURE PE 0603305A: Army Missile Defense Systems Integration		PROJECT TR5: MISSILE DEFENSE BATTLELAB	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2011	FY 2012	FY 2013
<p>first responders while providing clear Situational Awareness for senior decision makers; began integration with Program Manager Battle Command, to develop concept of operations for Army use of nano-Satellites and operationally responsive space systems to include support for recent launch of an Army satellite (SMDC-ONE) to validate Operationally Responsive Space concepts. Developed an Air and Missile Defense distributed planning server to support operational level homeland Air and Missile Defense planning support of ground-based air defense for Operation Noble Eagle. Supported rapid integration and fielding of friendly force tracking capabilities to Afghan National Forces. Worked with the Army Research Lab to expedite the insertion of advanced technologies into space, missile defense systems, and high altitude systems enhancing performance and reducing cost (this is an ongoing effort).</p> <p>FY 2012 Plans: Manage the Command and Control Gap Filler (C2F), Demonstrate for Joint, Interagency, Intergovernmental and Multinational (JIIM) partners a capability that enables efficient, secure, timely and trusted exchange of information resulting in enhanced aerospace capability for the Army. Sustain core functions to maintain prototyping platforms and collaborate with the Integrated Air and Missile Defense community on experimentation events. Additionally will maintain configuration management of prototyping systems (configuration control boards, user groups, architectures) resulting in a viable prototyping platform that has value to Joint Air and Missile Defense community. The Army Air and Missile Defense Command Planning support systems provide a net-centric infrastructure using Advanced Warfare Environment (AWarE) and Tactical integrated Geographic Environment (TIGER) software in support of Army Air and Missile Defense Commands and Detachments. Evaluate the feasibility of integrating Air/Event Information Sharing Services into NORTHCOM J6 decision support systems.</p> <p>FY 2013 Plans: Take the lessons learned from the FY12 efforts to continue to evaluate new technologies in realistic operating environments. This is accomplished by participating in and providing support to Unified Quest wargames and experiments to analyze and integrate technology to identify the feasibility integration into Army space, missile defense, and high altitude systems. The Space and Missile Defense Command will participate and support to biennial rewrites of Army Capstone, Operational and Functional Concepts. Continue to provide operational manager support to STRATCOM, NORTHCOM and SOCOM Joint Technical Capability Demonstrations to ensure Army space, missile defense, and high altitude equities are represented in advanced technology developments by demonstrating military utility when applied to military equipment and techniques. Examples include: supporting multi service experiments and capability development of the national-directed Phased Adaptive Approach (PAA) for Ballistic Missile Defense (BMD) as it is applied to each of the regional COCOMs; and experimenting with operationally responsive space and high altitude capabilities to ensure the broader Army enterprises can leverage the advantages of these platforms for communications, Intelligence Surveillance and Reconnaissance (ISR), position navigation, missile warning and command and control. Continue to develop mitigation strategies for Army forces to operate effectively in contested space, missile defense and cyber environments. Developing effective Integrated Missile Defense concepts for Army support to the Phased Adaptive Approach (PAA) being implemented within each regional COCOM. Based on a successful evaluation of Air/Event Information</p>					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013
Sharing Services into NORTHCOM J6 decision support systems support the transition of the application to a Joint Capabilities Technical Demonstration (JCTD).				
Title: Analysis, and Models and Simulations (M&S)		2.806	6.048	5.844
Articles:		0	0	
Description: Funding is provided for the following effort				
FY 2011 Accomplishments: Conducted studies and operational assessments of concepts, doctrine, organizations, technologies and tactics that impacted on major decisions at the Army staff level. Studies ensure that Army equities in Joint system development of space, missile defense, and high altitude systems and concepts. Studies that were completed in FY11 are Terrestrial Communications Study, Space Superiority Program I Cost-benefit Analysis, Countermeasure Implication Study, Joint Capabilities Mix Phase III support. These studies have produced objective results focused on the value to the ground warfighter providing critical timely information to decision makers related to space, missile defense, and high altitude military utility, cost reduction, and concept exploration in support of Army systems and techniques. Additionally the Future Warfare Center supported experiments in various environments (synthetic and prototypes) to provide most realistic operating environment possible to evaluate technologies.				
FY 2012 Plans: Supports ongoing efforts that provide military utility and cost reduction analysis of space, missile defense, and high altitude systems specifically in realistic operating environments to be able to determine the ability of the specific technology to fill capability gaps in terms of utility to the warfighter. The technology demonstrations and exercises are used to help expedite technology transition from the laboratory or potential dual use commercial technologies include: augmenting analysis for Training and Doctrine Command (TRADOC) experiments and technology demonstrations; Nimble Fire Experiment; Global Thunder / Global Lightning Support and Air and Missile Defense Task Force analysis support. Support of technology demonstrations, Analysis and Demonstration Tools/Test Beds for evolving space superiority and operationally responsive space concepts that address emerging needs will continue and be expanded in the out years to ensure that advanced technology development can adequately address space, missile defense and high altitude doctrinal and material investments. The FWC will continue to update Extended Air Defense Simulation (EADSIM) (a space, missile defense, and high altitude decision support tool utilized by over 300 Army and Joint organizations) to provide the required analysis capability to perform evaluations of the benefits of integrating technologies.				
FY 2013 Plans: Take the lessons learned from the FY12 efforts to continue to evaluate new technologies in realistic operating environments. This will be accomplished by supporting ongoing efforts that provide the most realistic operating environment available to perform technology gap and cost reduction analysis of space, missile defense, and high altitude systems. Realistic operating environments will be available to determine the ability of the specific technologies to fill capability gaps in terms of utility to the				

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012
warfighter. Support of technology demonstrations, Analysis and Demonstration Tools/Test Beds for evolving space superiority and operationally responsive space concepts will address emerging needs and continue to be expanded to ensure that advanced technology development can adequately enhance address space, missile defense and high altitude. The FWC will continue to update EADSIM to provide the required high fidelity synthetic operating environment to provide the capability to perform system and cost benefit analysis.			
Accomplishments/Planned Programs Subtotals		7.013	15.117
C. Other Program Funding Summary (\$ in Millions) N/A			
D. Acquisition Strategy Not applicable for this item.			
E. Performance Metrics Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army											DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603305A: <i>Army Missile Defense Systems Integration</i>				PROJECT TR5: <i>MISSILE DEFENSE BATTLELAB</i>					
Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Experiments & technology enhancements of prototypes/ tools and analysis.	Various	Various Colorado Springs CO and Huntsville AL:Alabama, Colorado Springs	45.681	7.509		6.840		-		6.840	Continuing	Continuing	Continuing
Govt Support and Support Contracts	Various	Various Colorado Springs CO and Huntsville AL:Alabama, Colorado Springs	77.704	7.608		7.665		-		7.665	Continuing	Continuing	Continuing
Small Business Innovation Research/Small Business Technology Transfer Program	Various	Various:Various	0.155	-		-		-		-	Continuing	Continuing	0.000
Subtotal			123.540	15.117		14.505		-		14.505			
			Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			123.540	15.117		14.505		-		14.505			
Remarks													

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603305A: Army Missile Defense Systems Integration				PROJECT TR7: Indirect Fire Protection Capability II - Intercept			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
TR7: Indirect Fire Protection Capability II - Intercept	4.143	9.269	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles											
Note Indirect Fire Protection Capability Increment II - Intercept (IFPC2) established a new Program Element (PE) 0604319A for its RDTE program. Previous PE/Project/Title: 0603305A/TR7 Army Missile Defense Systems Integration/TR7 Indirect Fire Protection Capability II-Intercept Current PE/Project/Title: 0604319A/DU3 Indirect Fire Protection Capability Increment 2/ DU3 IFPC2 Please note the following: 1) The funding in FY 2011-12 is shown in PE 0603305A and 2) The funding in FY 2013-17 is shown in PE 0604319A											
A. Mission Description and Budget Item Justification This program supports the overall Air and Missile Defense (AMD) architecture and provides a robust intercept capability against rocket, artillery, and mortar (RAM) and residual Unmanned Aerial System (UAS) threats for deployed forces supporting stability and counterinsurgency operations. Indirect Fire Protection Capability Increment II -Intercept (IFPC2) will integrate with current Counter-Rocket, Artillery, and Mortar (C-RAM), and RAM Warn Capability. When implemented, IFPC2 will provide 360 degree protection against RAM and residual UAS threats simultaneously attacking from multiple azimuths. Anticipated system will consist of a kinetic (missile or gun) and/or directed energy Interceptor, Fire Control Sensor, Technical Fire Control, Command Vehicle and control interfaces between major components. The specific system concept will be determined by an Analysis of Alternatives (AoA) to be completed in FY 2012. Tactical Command and Control is an external interface to the IFPC2 program to be provided by supported forces.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: Initiate Milestone Documentation and Analysis of Alternatives (AoA) Development								4.143	-	-	
Articles:								0			
Description: Funding is provided for the following effort											
FY 2011 Accomplishments:											

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)			R-1 ITEM NOMENCLATURE PE 0603305A: Army Missile Defense Systems Integration			PROJECT TR7: Indirect Fire Protection Capability II - Intercept					
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2011	FY 2012	FY 2013		
Initiate Milestone documentation development, define requirements in support of Contracts Requirement Package for contract award. Support Analysis of Alternatives development.											
<p>Title: Engineering Technical support for Milestone documentation, Contract Requirements Package, System Requirements Review, technical assessments/concept studies</p> <p>Articles:</p> <p>Description: Funding is provided for the following effort:</p> <p>FY 2012 Plans: Support development of the Requirements baseline. Assist in the development of Milestone documentation (i.e., Technology Development Strategy, Test and Evaluation Strategy, and Systems Engineering Plan). Support Contract Requirements Package documentation (i.e., Scope of Work, Contract Data Requirements List, and Performance Specification). Support System Requirements Review preparation. Design of the Technical Fire Control, Command Vehicle, and Launcher. Development of Interface Control Documents. Perform technical assessments, concept studies, cost reduction, risk reduction, threat analysis, and required documentation.</p>							-	4.213 0	-		
<p>Title: Government Product Office Support</p> <p>Articles:</p> <p>Description: Funding is provided for the following effort</p> <p>FY 2012 Plans: Complete Milestone documentation (i.e., Technology Development Strategy, Test and Evaluation Strategy, and Systems Engineering Plan). Standing up Government Program Office to include personnel; infrastructure; travel; Milestone preparation; establish processes and procedures; support Analysis of Alternatives development and Contract Requirements Package (CRP) development for contract award in FY 2013.</p>							-	5.056 0	-		
Accomplishments/Planned Programs Subtotals							4.143	9.269	-		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• PE 0604869A, Proj M06: Patriot/ MEADS Combined Aggregate Program (CAP)	450.584	389.630	400.861		400.861					Continuing	Continuing

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603305A: Army Missile Defense Systems Integration				PROJECT TR7: Indirect Fire Protection Capability II - Intercept			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• PE 0605456A, Proj PA3: PAC-3/ MSE MISSILE	121.475	88.909	69.029		69.029		130.348	63.975	65.771	Continuing	Continuing
• SSN C53101: MSE Missile		74.953	12.850		12.850		505.084	596.387	566.757	Continuing	Continuing
• PE 0102419A, Proj E55: JLENS	399.477	327.338	190.422		190.422		32.480	24.130	24.612	Continuing	Continuing
• PE 0605455A, Proj S35: SLAMRAAM	18.358	1.529								Continuing	Continuing
• SSN C81002: SLAMRAAM Launcher	2.355									Continuing	Continuing
• SSN WK5053: FAAD GBS	258.413	3.958	7.980		7.980					Continuing	Continuing
• PE 0605457A, Proj S40: Army Integrated Air and Missile Defense (AIAMD)	246.691	270.180	262.211		262.211		394.260	210.580	135.072	Continuing	Continuing
• SSN BZ5075: Army IAMD Battle Command System (IBCS)							103.453	281.828	426.582	Continuing	Continuing
• PE 0208053, Proj 635: JOINT TACT GRD STATION-P3I (MIP)	12.005	27.586	31.738		31.738		8.006	8.134	8.314	Continuing	Continuing
• SSN BZ8401: Joint Tactical Ground Station (JTAGS)	9.227	1.199	2.680		2.680		4.432	4.496	4.768	Continuing	Continuing
• PE 0604820A, Proj E10: SENTINEL		2.885	3.486		3.486		1.948	2.972	3.022	Continuing	Continuing
• PE 654741, Proj 126: FAAD C2 ED	7.978	9.730	3.664		3.664		3.388	3.505	3.640	Continuing	Continuing
• PE 654741, Proj 146: Air & Msl Defense Planning Control System	18.783	15.518	15.381		15.381		14.670	15.171	16.409	Continuing	Continuing
• PE 654741, Proj 149: Counter- Rockets, Artillery & Mortars	112.901	57.684	54.288		54.288					Continuing	Continuing
D. Acquisition Strategy											
The Materiel Development Decision (MDD) was completed in fourth quarter FY 2011, allowing for the initiation of an Analysis of Alternatives (AoA) to determine material solution approach; establishment of requirement baseline; initiation of development of required Milestone documents; initiation of development and approval of Contract Requirements Package (CRP); and execution of the Milestone decision to authorize proceeding into the next phase of development and prepare for a contract award in FY 2013.											

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<p>Anticipated system will consist of a kinetic (missile or gun) and/or directed energy Interceptor, Fire Control Sensor, Technical Fire Control, Command Vehicle and control interfaces between major components.</p> <p>Award multiple full and open competitive contracts at the beginning of the acquisition development phase for competing teams to develop interceptor/fire control sensor designs and key component/system prototypes which will be demonstrated in their tactical configurations for Government evaluation prior to a Preliminary Design Review.</p> <p><u>E. Performance Metrics</u></p> <p>Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.</p>		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army										DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603305A: Army Missile Defense Systems Integration				PROJECT TR7: Indirect Fire Protection Capability II - Intercept					
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FY11 Pre MDD efforts	TBD	Cruise Missile Defense Systems Project Office:Huntsville, AL	4.143	-		-		-		-	Continuing	Continuing	0.000
Government Project Office Oversight	TBD	Cruise Missile Defense Systems Project Office:Huntsville, AL	-	1.056		-		-		-	Continuing	Continuing	Continuing
Subtotal			4.143	1.056		-		-		-			
Remarks Management Services are to initiate Milestone Documentation Development; define Requirements in support of Contract Requirements Package for contract award. Support Analysis of Alternatives development.													
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Developmental Engineering	TBD	Cruise Missile Defense Systems Project Office:Huntsville, AL	-	4.000		-		-		-	Continuing	Continuing	Continuing
Engineering Technical Centers	TBD	Aviation and Missile Research, Development, Engineering Center:Huntsville, AL	-	4.213		-		-		-	Continuing	Continuing	Continuing
Subtotal			-	8.213		-		-		-			
Remarks Product Development costs in FY 2012 cover the development of System Engineering documentation (Technology Development Strategy; Test and Evaluation Strategy; System Engineering Plan); initiation of Contract Requirements Package development in preparation for Milestone in FY 2013 and for a prime contract award in FY 2013.													
			Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			4.143	9.269		-		-		-			

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	Total Prior Years Cost	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract	
Remarks									

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Army																DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY								R-1 ITEM NOMENCLATURE								PROJECT			
2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)								PE 0603305A: Army Missile Defense Systems Integration								TR7: Indirect Fire Protection Capability II - Intercept			

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Army			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603305A: <i>Army Missile Defense Systems Integration</i>	PROJECT TR7: <i>Indirect Fire Protection Capability II - Intercept</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Pre-Milestone A Transition	2	2011	1	2013
Analysis of Alternatives	4	2011	1	2013
Materiel Development Decision	4	2011	4	2011