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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Army	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605455A: <i>SLAMRAAM</i>
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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	18.358	1.529	-	-	-	-	-	-	-	Continuing	Continuing
S35: <i>SLAMRAAM</i>	18.358	1.529	-	-	-	-	-	-	-	Continuing	Continuing

Note

This program Element was reduced to fund higher Department of the Army priorities.

A. Mission Description and Budget Item Justification

Surface Launched Advanced Medium Range Air-To-Air Missile (SLAMRAAM) is an air defense system that consists of launcher platforms employing the proven AIM-120-C7 Advanced Medium Range Air-to-Air Missile (AMRAAM); Integrated Fire Control Station (IFCS) command, control, and communications platforms; and Improved Sentinel Radars. SLAMRAAM is a day or night, adverse weather, non-line-of-sight system that counters cruise missiles (CM), unmanned aerial vehicle (UAV), fixed wing and rotary wing threats. SLAMRAAM is mobile and armored which allows it to operate in various combat situations to protect maneuver forces and strategic assets.

The Army's Air and Missiles Defense (AMD) portfolio assessment of the cost-effectiveness of SLAMRAAM capabilities versus competing priorities for capability investments within the AMD portfolio led to an Army recommendation to conduct an orderly conclusion of the SLAMRAAM program. The program will complete prototypes and vehicle integration, developmental testing, limited user testing and demonstrations but will not go into production. The prototypes will allow for provision of an Emergency Operational Capability if required. At the direction of the Under Secretary of the Army, Program Executive Officer (PEO), Missiles and Space, in coordination with the Army stakeholders, will conduct an analysis within existing funds to assist the development of an executable modernization/mitigation strategy that considers legacy systems.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013 Base</u>	<u>FY 2013 OCO</u>	<u>FY 2013 Total</u>
Previous President's Budget	23.700	19.931	-	-	-
Current President's Budget	18.358	1.529	-	-	-
Total Adjustments	-5.342	-18.402	-	-	-
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-4.500	-			
• SBIR/STTR Transfer	-0.705	-			
• Other Adjustments 1	-0.137	-18.402	-	-	-

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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
S35: <i>SLAMRAAM</i>	18.358	1.529	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles											

Note
This is the new SLAMRAAM program element for RDTE. All prior year information is located in PE 0604802A (S23).

A. Mission Description and Budget Item Justification
Surface Launched Advanced Medium Range Air-To-Air Missile (SLAMRAAM) is an air defense system that consists of launcher platforms employing the proven AIM-120-C7 Advanced Medium Range Air-to-Air Missile (AMRAAM); Integrated Fire Control Station (IFCS) command, control, and communications platforms; and Improved Sentinel Radars. SLAMRAAM is a day or night, adverse weather, non-line-of-sight system that counters cruise missiles (CM), unmanned aerial vehicle (UAV), fixed wing and rotary wing threats. SLAMRAAM is mobile and armored which allows it to operate in various combat situations to protect maneuver forces and strategic assets.

The Army's Air and Missiles Defense (AMD) portfolio assessment of the cost-effectiveness of SLAMRAAM capabilities versus competing priorities for capability investments within the AMD portfolio led to an Army recommendation to conduct an orderly conclusion of the SLAMRAAM program. The program will conclude testing activities, finalize safety reports and technical manuals, document the EOC support plan, prepare the prototypes and place them in long term storage, oversee the delivery of the Technical Data Package, archive essential program documents and data, and close out the SLAMRAAM contract and Product office. The prototypes will allow for provision of an Emergency Operational Capability, if required.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: Development Testing/Operational Testing and Modeling and Simulation for FY11 <div style="text-align: right;">Articles:</div>	5.210 0	-	-
Description: This element includes contractor and government test and evaluation costs. FY 2011 Accomplishments: Execution of operational testing (Limited User Testing (LUT)), logistics and maintenance demonstration, developmental testing of prime items to support component qualification. Perform technical assessments of capability gap and mitigation options.			
Title: Product Development - Engineering and Manufacturing Development (EMD) phase contract activities. <div style="text-align: right;">Articles:</div>	5.837 0	-	-
Description: Continue EMD phase contract activities. FY 2011 Accomplishments:			

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2011	FY 2012	FY 2013		
Conduct Physical Configuration Audit (PCA) and Functional Configuration Audit (FCA) in support of the program close out review with the Milestone Decision Authority. Execution of operational testing (Limited User Testing (LUT)), logistics and maintenance demonstration, developmental testing of prime items to support component qualification. Perform technical assessments of capability gap and mitigation options.											
Title: System Engineering/Program Management (SE/PM) Description: CMDS Project Office cost for execution of project management activities to include government lead for execution program close-out activities. This includes government labor, contractor labor and operating expenses. FY 2011 Accomplishments: Government PM execution of Engineering and Manufacturing (EMD) activities to support restoring prototypes to 10/20 maintenance standards, redesign and qualification of line replaceable units and conduct of physical configuration audit and functional configuration audit. Perform technical assessments of capability gap and mitigation options. FY 2012 Plans: Government PM execution of Engineering and Manufacturing (EMD) activities to support completion of the restoring prototypes to 10/20 maintenance standards, audit and program close-out activities. Perform technical assessments of capability gap and mitigation options.							Articles: 4.330 0	1.529 0	-		
Title: Close Out (Contract, Facilities, Disposition) Description: Disposition equipment and shutdown facilities. Shutdown Product Office (personnel, MOAs/MOUs) FY 2011 Accomplishments: Estimated funding to complete the disposition of equipment and close-out of personnel and facilities. Perform technical assessments of capability gap and mitigation options.							Articles: 2.981 0	-	-		
Accomplishments/Planned Programs Subtotals							18.358	1.529	-		
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 Continuing	Total Cost Continuing
• PE 0604869A: Proj MO6, Patriot/MEADS Combined Aggregate Program (CAP)	450.584	389.630	400.861		400.861						

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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: Project 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
• PE 0604319A: Proj DU3, IFPC2 (FY 2012/2012 PE0603305A IFPC II- Intercept)	4.143	9.269	76.039		76.039		122.355	146.463	151.769	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
D. Acquisition Strategy											
System Development and Demonstration (SDD) contract was awarded in 2nd Quarter FY 2004 and CLIN 001 was completed in Oct 2009. The SLAMRAAM program has been restructured to a FMTV platform. Furthermore, SLAMRAAM has a new Program Element for RDTE beginning in FY 2011 (S35). All prior SLAMRAAM activities are under PE Number 0604802A/S23.											
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delivery of the Technical Data Package, archive essential program documents and data, and close out the SLAMRAAM contract and Product office. The prototypes will allow for provision of an Emergency Operational Capability, if required.

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.