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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0605455A: SLAMRAAM							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	23.700	0.000	23.700	17.800	53.500	7.500	7.600	Continuing	Continuing
S35: SLAMRAAM	0.000	0.000	23.700	0.000	23.700	17.800	53.500	7.500	7.600	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Surface Launched Advanced Medium Range Air-To-Air Missile (SLAMRAAM) is a critical component of the Army's future Integrated Air & Missile Defense (IAMD) system. SLAMRAAM consists of launcher platforms employing the proven AIM-120-C7 Advanced Medium Range Air-to-Air Missile; 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 able to operate in a variety of combat situations to protect maneuver forces and strategic-level critical assets. SLAMRAAM represents a substantial increase in performance over current short range air defense systems. SLAMRAAM was directed by the Department of the Army in August 2009 to restructure and move to a more survivable platform for crew protection. The Department of the Army is considering moving the SLAMRAAM to either the High Mobility Artillery Rocket System (HIMARS) Carrier or the Family of Medium Tactical Vehicles (FMTV) platform. A HIMARS platform decision will require the schedule and funding profile to be revisited in the POM.

B. Program Change Summary (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	23.700	0.000	23.700
Total Adjustments	0.000	0.000	23.700	0.000	23.700
• Congressional General Reductions		0.000			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments 1	0.000	0.000	23.700	0.000	23.700

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COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
S35: SLAMRAAM	0.000	0.000	23.700	0.000	23.700	17.800	53.500	7.500	7.600	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
The Surface Launched Advanced Medium Range Air-To-Air Missile (SLAMRAAM) is a critical component of the Army's future Integrated Air & Missile Defense (IAMD) system. SLAMRAAM consists of launcher platforms employing the proven AIM-120-C7 Advanced Medium Range Air-to-Air Missile; 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 able to operate in a variety of combat situations to protect maneuver forces and strategic-level critical assets. SLAMRAAM represents a substantial increase in performance over current short range air defense systems. SLAMRAAM was directed by the Department of the Army in August 2009 to restructure and move to a more survivable platform for crew protection. The Department of the Army is considering moving the SLAMRAAM to either the High Mobility Artillery Rocket System (HIMARS) Carrier or the Family of Medium Tactical Vehicles (FMTV) platform. A HIMARS platform decision will require the schedule and funding profile to be revisited in the POM.											
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Program #1						0.000	0.000	6.300	0.000	6.300	
Product Development											
FY 2009 Accomplishments:											
FY 2009											
FY 2010 Plans:											
FY 2010											
FY 2011 Base Plans:											
FY 2011 Base											

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0605455A: SLAMRAAM	PROJECT S35: SLAMRAAM			
B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 OCO Plans: FY 2011 OCO					
Program #2 Test and Evaluation FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010 FY 2011 Base Plans: FY 2011 Base FY 2011 OCO Plans: FY 2011 OCO	0.000	0.000	12.400	0.000	12.400
Program #3 System Engineering/Program Management (SE/PM) FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010	0.000	0.000	5.000	0.000	5.000

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B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
FY 2011 Base Plans: FY 2011 Base											
FY 2011 OCO Plans: FY 2011 OCO											
Program #4 Small Business Innovative Research/Small Business Technology Transfer Program						0.000	0.000	0.000	0.000	0.000	
FY 2009 Accomplishments: FY 2009											
FY 2010 Plans: FY 2010											
FY 2011 Base Plans: FY 2011 Base											
FY 2011 OCO Plans: FY 2011 OCO											
Accomplishments/Planned Programs Subtotals						0.000	0.000	23.700	0.000	23.700	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: PE 0604869A, Proj MO6, Patriot/MEADS Combined Aggregate Program (CAP)	454.565	566.215	467.139	0.000	467.139	408.012	325.184	240.018	75.585	0	2,536.718

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C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #2: SSN C53101, MSE Missile	0.000	0.000	0.000	0.000	0.000	607.796	534.022	516.479	503.786	0	2,162.083
• Ord. #3: SSN C53201, PATRIOT/ MEADS GSE	0.000	0.000	0.000	0.000	0.000	0.000	126.589	217.639	528.435	0	872.663
• Ord. #4: PE 0102419A, Proj E55, JLENS	344.850	328.356	372.493	0.000	372.493	176.198	118.448	0.000	0.000	0	1,340.345
• Ord. #5: SSN BZ0525, JLENS Production	0.000	0.000	0.000	0.000	0.000	470.661	419.801	427.731	394.325	0	1,712.518
• Ord. #6: PE 0604802A, Proj S23, SLAMRAAM	31.306	56.441	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	87.747
• Ord. #7: PE 0605450A, Proj S35 SLAMRAAM	0.000	0.000	23.700	0.000	23.700	17.800	53.500	7.500	7.600	0	110.100
• Ord. #8: SSN C81002, SLAMRAAM Launcher	40.349	0.000	116.732	0.000	116.732	83.302	233.762	241.691	248.895	0	964.731
• Ord. #9: SSN C81004, SLAMRAAM Missile	0.000	0.000	0.000	0.000	0.000	0.000	39.542	39.428	15.416	0	94.386
• Ord. #10: PE 0603305A, Proj TR7, Protection Capability II - Intercept	0.000	0.000	4.296	0.000	4.296	21.303	74.197	93.679	94.006	0	287.481
• Ord. #11: SSN WK 5053, FAAD GBS	0.000	0.000	91.467	169.260	260.727	7.948	7.935	0.000	0.000	0	276.610
• Ord. #12: PE 0603327A, Proj S34, AMD System of System Engineering and Integration	111.496	166.061	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	277.557
• Ord. #13: PE 0605457A, Proj, S40, Army Integrated Air and Missile Defense (AIAMD)	0.000	0.000	251.124	0.000	251.124	271.543	251.646	228.639	129.043	0	1,131.995
• Ord. #14: SSN BZ5075, Army IAMD Battle Command System (IBCS)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.045	99.102	0	123.147
• Ord. #15: PE 0208053, Proj 635, JOINT TACT GRD STATION-P3I (MIP)	1.949	36.005	12.403	0.000	12.403	12.630	13.038	7.982	7.947	0	91.954

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C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #16: SSN BZ8401, Joint Tactical Ground Station (JTAGS)	0.000	6.682	9.279	0.000	9.279	0.000	0.000	9.415	4.658	0	30.034
• Ord. #17: PE 0605456A, Project PA3, PAC-3/MSE Missile	0.000	0.000	62.500	0.000	62.500	62.100	3.500	62.000	64.500	Continuing	Continuing
D. Acquisition Strategy											
System Development and Demonstration (SDD) contract award in 2nd Quarter FY04 and completed in Oct 09. The program will be restructured pending decision on a platform, but the Army does not anticipate shifting the Milestone C. Milestone C is scheduled for FY11.											
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 2011 Army											DATE: February 2010		
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Product Development (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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
Contractor Hardware/ Software Development	SS	Raytheon Tewksbury, MA	0.000	0.000		1.300		0.000		1.300	Continuing	Continuing	0
Government Prototype Manufacturing (Government Furnished Equipment)	C	Multiple Location could not be determined.	0.000	0.000		5.000		0.000		5.000	Continuing	Continuing	0
Training Aids Devices Simulator and Simulation	C	PEO STRI Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			0.000	0.000		6.300		0.000		6.300			0.000
Remarks *SS/CPIF/CPFF - Sole Source/Cost Plus Incentive Fee/Cost Plus Fixed Fee													
Test and Evaluation (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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 System Test And Evaluation	C	Multiple Location could not be determined.	0.000	0.000		12.400		0.000		12.400	Continuing	Continuing	0
Subtotal			0.000	0.000		12.400		0.000		12.400			0.000
Remarks													

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Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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 SE/PM*	C	Multiple Location could not be determined.	0.000	0.000		5.000		0.000		5.000	Continuing	Continuing	0
SBIR/STTR**	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	0	0	0
Subtotal			0.000	0.000		5.000		0.000		5.000			0.000
Remarks *SE/PM - Systems Engineering/Program Management**SBIR/STTR - Small Business Innovative Research/Small Business Technology Transfer Program													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	0.000		23.700		0.000		23.700			0.000
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army		DATE: February 2010
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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army			DATE: February 2010
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Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
Milestone C Decision	2	2011	2	2011
Limited User Test	1	2011	1	2011
Low Rate Initial Production	1	2011	3	2013
Low Rate Initial Production - 2	1	2012	3	2014
Low Rate Initial Production - 3	1	2013	3	2015
Testing	1	2013	3	2013

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