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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Army	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>				PE 0203802A: <i>Other Missile Product Improvement Programs</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	3.979	-	-	-	-	-	-	-	-	0.000	3.979
78J: <i>CLOSE COMBAT MSL MOD</i> <i>FAMILY OF MSLS (Javelin)</i>	3.979	-	-	-	-	-	-	-	-	0.000	3.979

A. Mission Description and Budget Item Justification

The Javelin multi-purpose warhead (MPWH) provides increased safety through insensitive munitions (IM) improvements and improved lethality in military operations for urban terrain (MOUT) and other irregular warfare soft targets while maintaining lethality against heavy armor. The warhead design will use an advanced shaped-charge technology improvement.

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	3.979	-	-	-	-
Current President's Budget	3.979	-	-	-	-
Total Adjustments	-	-	-	-	-
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0203802A: Other Missile Product Improvement Programs				PROJECT 78J: CLOSE COMBAT MSL MOD FAMILY OF MSLS (Javelin)			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
78J: CLOSE COMBAT MSL MOD FAMILY OF MSLS (Javelin)	3.979	-	-	-	-	-	-	-	-	0.000	3.979
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
The Javelin multi-purpose warhead (MPWH) provides increased safety through insensitive munitions (IM) improvements and improved lethality in military operations for urban terrain (MOUT) and other irregular warfare soft targets while maintaining lethality against heavy armor. The warhead design will use an advanced shaped-charge technology improvement.											
The 2010 DoD Appropriations Act included \$4 million in RDTE for the Javelin Warhead Improvement Program.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2010	FY 2011	FY 2012
Title: Design Verification Testing (DVT) Articles: Description: Prototypes of MPWH designs have been fabricated in order to optimize fragmentation-penetration effects versus weight constraints to support accelerated Design Verification Testing (DVT). Funds have been put on contract to initiate MPWH performance requirements definition, identify viable warhead manufacturers, document the MPWH mid-body housing design, and to develop a MPWH program plan. FY 2010 Accomplishments: The FY10 funds procured hardware and began Design Verification Testing (DVT).									3.979	-	-
									0		
									Accomplishments/Planned Programs Subtotals		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• Missile Procurement: SSN CC0007 Javelin (AAWS-M)	258.553	163.929	160.767		160.767		138.705	141.068	113.385	0.000	1,110.037
		9.999	17.340		17.340		73.749	121.839	61.600	0.000	333.935

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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0203802A: <i>Other Missile Product Improvement Programs</i>				PROJECT 78J: <i>CLOSE COMBAT MSL MOD FAMILY OF MSLS (Javelin)</i>				
C. Other Program Funding Summary (\$ in Millions)												
	<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
	<ul style="list-style-type: none"> Javelin Increment II EMD: <i>PE 0604611A, Proj 499 - Javelin (AAWS-M)</i> 											
D. Acquisition Strategy												
The Javelin warhead development effort leverages state of the art warhead design technology to develop a multi-purpose warhead. After all required qualification testing is completed, the Close Combat Weapons Systems (CCWS) Project Office will pursue cutting the MPWH into the Javelin Block I missile production line.												
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.												