

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0605028A: Armored Multi-Purpose Vehicle (AMPV)							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	116.298	-	116.298	172.012	70.822	48.556	0.000	Continuing	Continuing
EB5: Armored Multi-Purpose Vehicle (AMPV)	-	0.000	0.000	116.298	-	116.298	172.012	70.822	48.556	0.000	Continuing	Continuing
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Note												
The Armored Multi Purpose Vehicle Program is submitted under a new Program Element for the FY 2014 President's Budget. The previous program element was 0203735A, Project DS5, Combat Vehicle Improvement Program. The new program element is 0605028A, Project EB5, Armored Multi Purpose Vehicle (AMPV).												
A. Mission Description and Budget Item Justification												
The Armored Multi-Purpose Vehicle (AMPV) is a materiel solution to support the Armored Brigade Combat Team (ABCT) across the Spectrum of Conflict by replacing five mission roles currently performed by the M113 Family of Vehicles (FOV) and integrating the current M113 FOV Mission Equipment Package (MEP) to a modified existing vehicle platform.												
B. Program Change Summary (\$ in Millions)				FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total				
Previous President's Budget				0.000	0.000	0.000	-	0.000				
Current President's Budget				0.000	0.000	116.298	-	116.298				
Total Adjustments				0.000	0.000	116.298	-	116.298				
• Congressional General Reductions				-	-							
• Congressional Directed Reductions				-	-							
• Congressional Rescissions				-	-							
• Congressional Adds				-	-							
• Congressional Directed Transfers				-	-							
• Reprogrammings				-	-							
• SBIR/STTR Transfer				-	-							
• Other Adjustments 1				-	-	116.298	-	116.298				

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>System Development & Demonstration (SDD)</i>					R-1 ITEM NOMENCLATURE PE 0605028A: <i>Armored Multi-Purpose Vehicle (AMPV)</i>				PROJECT EB5: <i>Armored Multi-Purpose Vehicle (AMPV)</i>			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
EB5: <i>Armored Multi-Purpose Vehicle (AMPV)</i>	-	0.000	0.000	116.298	-	116.298	172.012	70.822	48.556	0.000	Continuing	Continuing
Quantity of RDT&E Articles												
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date												
Note The previous program element was 0203735A, Project DS5, Combat Vehicle Improvement Program. The new program element is 0605028A, Project EB5, Armored Multi Purpose Vehicle (AMPV).												
A. Mission Description and Budget Item Justification The Armored Multi-Purpose Vehicle (AMPV) is a materiel solution to support the Armored Brigade Combat Team (ABCT) across the Spectrum of Conflict by replacing five mission roles currently performed by the M113 Family of Vehicles (FOV) and integrating the current M113 FOV Mission Equipment Package (MEP) to a modified existing vehicle platform.												
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2012	FY 2013	FY 2014
Title: Armored Multi-Purpose Vehicle (AMPV)										0.000	0.000	116.298
Description: The Armored Multi-Purpose Vehicle (AMPV) is a materiel solution to support the Armored Brigade Combat Team (ABCT) across the Spectrum of Conflict by replacing five mission roles currently performed by the M113 Family of Vehicles (FOV) and integrating the current M113 FOV Mission Equipment Package (MEP) to a modified existing vehicle platform.												
FY 2014 Plans: Fund Engineering and Manufacturing Development (EMD) contract award for one contractor to integrate the MEP and technologies currently in development under other existing Army programs and produce prototypes for use in Pre-Production Testing, Limited User Testing and Live Fire Testing. PM AMPV will conduct a Preliminary Design Review. PM AMPV will also continue to develop and staff Milestone Documentation.												
Accomplishments/Planned Programs Subtotals										0.000	0.000	116.298

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army									DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>System Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605028A: <i>Armored Multi-Purpose Vehicle (AMPV)</i>				PROJECT EB5: <i>Armored Multi-Purpose Vehicle (AMPV)</i>			
C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u> <u>Base</u>	<u>FY 2014</u> <u>OCO</u>	<u>FY 2014</u> <u>Total</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• Armored Multi Purpose Vehicle(AMPV): <i>Armored Multi Purpose Vehicle(AMPV) G80819</i>									351.400	10,425.900	10,777.300
Remarks											
D. Acquisition Strategy											
The Army will award an EMD contract with Low Rate Initial Production (LRIP) options for mission equipment package integration, vehicle production and contractor test support on a competitive basis using a performance specification. A formal Source Selection Evaluation Board (SSEB) will evaluate the EMD/LRIP proposals and recommend the best value solution to the Source Selection Authority (SSA). One (1) EMD contract will be awarded. The focus of this competition during EMD/LRIP is to control cost and drive down Average Unit Manufactured Cost (AUMC).											
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.											

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army													DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)							R-1 ITEM NOMENCLATURE PE 0605028A: Armored Multi-Purpose Vehicle (AMPV)				PROJECT EB5: Armored Multi-Purpose Vehicle (AMPV)				
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering, Manufacturing and Development	C/CPFF	Unknown:TBD	0.000	-		-		88.028	Jun 2014	-		88.028	225.780	313.808	0.000
Subtotal			0.000	0.000		0.000		88.028		0.000		88.028	225.780	313.808	0.000
Remarks Armored Multi Purpose Vehicle Tech data and system level product development costs.															
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Office (PMO)	MIPR	PMO:Warren, MI	0.000	-		-		5.830	Dec 2013	-		5.830	18.130	23.960	0.000
Other Program Support	MIPR	OGA:Various Locations	0.000	-		-		22.440	Jan 2014	-		22.440	47.480	69.920	0.000
Subtotal			0.000	0.000		0.000		28.270		0.000		28.270	65.610	93.880	0.000
Remarks Armored Multi Purpose Vehicle Support Costs															
			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	0.000		0.000		116.298		0.000		116.298	291.390	407.688	0.000
Remarks															

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Army																DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY								R-1 ITEM NOMENCLATURE								PROJECT			
2040: Research, Development, Test & Evaluation, Army								PE 0605028A: Armored Multi-Purpose Vehicle (AMPV)								EB5: Armored Multi-Purpose Vehicle (AMPV)			
BA 5: System Development & Demonstration (SDD)																			

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0605028A: Armored Multi-Purpose Vehicle (AMPV)	PROJECT EB5: Armored Multi-Purpose Vehicle (AMPV)

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Post Milestone B Decision	3	2014	3	2014