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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army **Date:** March 2014

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605028A / <i>Armored Multi-Purpose Vehicle (AMPV)</i>
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	-	28.285	92.353	-	92.353	234.119	178.367	117.487	37.157	132.691	820.459
EB5: <i>Armored Multi-Purpose Vehicle</i>	-	-	28.285	92.353	-	92.353	234.119	178.367	117.487	37.157	132.691	820.459

The FY 2015 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

Armored Multi-Purpose Vehicle (AMPV) replaces the Army's Armored Personnel Carrier (M113) Family of Vehicles (FoV). 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) onto a Military Vehicle Derivative (MVD).

B. Program Change Summary (\$ in Millions)	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015 Base</u>	<u>FY 2015 OCO</u>	<u>FY 2015 Total</u>
Previous President's Budget	-	116.298	172.012	-	172.012
Current President's Budget	-	28.285	92.353	-	92.353
Total Adjustments	-	-88.013	-79.659	-	-79.659
• Congressional General Reductions	-	-88.000			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-	-0.013	-79.659	-	-79.659

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605028A / <i>Armored Multi-Purpose Vehicle (AMPV)</i>				Project (Number/Name) EB5 / <i>Armored Multi-Purpose Vehicle</i>			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
EB5: <i>Armored Multi-Purpose Vehicle</i>	-	-	28.285	92.353	-	92.353	234.119	178.367	117.487	37.157	132.691	820.459
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

Note

The previous program element was 0203735A, Project DS5, Combat Vehicle Improvement Program. FY2014 Presidents Budget established the new program element, 0605028A, Project EB5, Armored Multi Purpose Vehicle (AMPV). Cost to Complete includes FY 2020 and FY 2021

A. Mission Description and Budget Item Justification

Armored Multi-Purpose Vehicle (AMPV) replaces the Army's Armored Personnel Carrier (M113) Family of Vehicles (FoV). 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) onto a Military Vehicle Derivative (MVD).

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

	FY 2013	FY 2014	FY 2015
Title: Armored Multi-Purpose Vehicle (AMPV)	-	28.285	92.353
Articles:	-	-	-
Description: Armored Multi-Purpose Vehicle (AMPV) Replaces the Army's Armored Personnel Carrier (M113) Family of Vehicles (FoV). 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) onto a Military Vehicle Derivative (MVD).			
FY 2014 Plans: Product Manager (PdM) AMPV released the Request for Proposal (RFP) on 26 November 2013 as a full and open competition. Proposals are due on 28 May 2014. Initial buys for Government Furnished Equipment and Materiel (GFE/M) began as well. PdM AMPV will conduct a Source Selection Evaluation Board (SSEB) beginning 29 May 2014 to select a single vendor to integrate and build the AMPV. FY 2014 Funding will be used to support the following: preparation of Milestone Documentation, Source Selection activities, test support activities for development and purchasing of Mission Equipment Package for integration.			
FY 2015 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army	Date: March 2014
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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605028A / <i>Armored Multi-Purpose Vehicle (AMPV)</i>	Project (Number/Name) EB5 / <i>Armored Multi-Purpose Vehicle</i>
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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
PdM AMPV will conclude the SSEB, conduct Milestone B (MSB) and award the EMD contract for one contractor to integrate the MEP and technologies currently in development under other existing Army programs. PdM AMPV will continue to develop and update Milestone Documentation and conduct a Preliminary Design Review (PDD).			
Accomplishments/Planned Programs Subtotals	-	28.285	92.353

C. Other Program Funding Summary (\$ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• Armored Multi Purpose Vehicle(AMPV): <i>Armored Multi Purpose Vehicle(AMPV) G80819</i>	-	-	-	-	-	-	-	224.419	508.250	11,734.340	12,467.009

Remarks

D. Acquisition Strategy
The Army will award an Engineering, Manufacturing and Development (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.

E. Performance Metrics
N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army **Date:** March 2014

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605028A / Armored Multi-Purpose Vehicle (AMPV)	Project (Number/Name) EB5 / Armored Multi-Purpose Vehicle
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Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Engineering, Manufacturing and Development	C/CPIF	Unknown : TBD	0.000	-		-		70.492	Jan 2015	-		70.492	534.654	605.146	-
Subtotal			0.000	-		-		70.492		-		70.492	534.654	605.146	-

Remarks
Armored Multi Purpose Vehicle Tech data and system level product development costs. Cost to complete includes FY 2016 through FY 2021.

Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management Office (PMO)	MIPR	PMO : Warren, MI	0.000	-		5.830	Dec 2013	5.940	Dec 2014	-		5.940	24.843	36.613	-
Other Program Support	MIPR	OGA : Various Locations	0.000	-		22.455	Jan 2014	15.921	Dec 2014	-		15.921	140.324	178.700	-
Subtotal			0.000	-		28.285		21.861		-		21.861	165.167	215.313	-

Remarks
Armored Multi Purpose Vehicle Support Costs. Cost to complete includes FY 2016 through FY 2021.

	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals		0.000	-	28.285	92.353	-	92.353	699.821	820.459	-

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army		Date: March 2014
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	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Milestone B Decision									■																			
EMD Contract Award											■																	
Preliminary Design Review												■																
Critical Design Review															■													
Production Prove Out Test																												
Limited User Test																												
Milestone C																												
LRIP Option Award																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605028A / <i>Armored Multi-Purpose Vehicle (AMPV)</i>	Project (Number/Name) EB5 / <i>Armored Multi-Purpose Vehicle</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Milestone B Decision	1	2015	1	2015
EMD Contract Award	2	2015	2	2015
Preliminary Design Review	4	2015	4	2015
Critical Design Review	4	2016	4	2016
Production Prove Out Test	3	2017	3	2018
Limited User Test	4	2018	1	2019
Milestone C	2	2019	2	2019
LRIP Option Award	2	2019	2	2019