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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0604604A / MEDIUM TACTICAL VEHICLES							
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	-	2.908	2.139	0.210	-	0.210	0.282	-	-	-	Continuing	Continuing
H07: Family Of Med Tac Veh	-	2.908	2.139	0.210	-	0.210	0.282	-	-	-	Continuing	Continuing

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

A. Mission Description and Budget Item Justification

This Program Element (PE) supports continued modernization of the Army's medium truck and trailer fleet and the Armored Security Vehicle (ASV).

In the medium fleet, the Family of Medium Tactical Vehicles (FMTV) replaces aging M35 2 1/2-ton trucks, and M809 and M900 Series 5-ton trucks that are beyond their economic useful life of 15-20 years. FMTV fills 2 1/2-ton Light Medium Tactical Vehicle (LMTV) and 5-ton truck Medium Tactical Vehicle (MTV) requirements, and includes companion trailers, performing over 55 percent of the Army's local and line haul, and unit resupply missions, and operates throughout the theater as multi-purpose transportation vehicles in combat, combat support, and combat service support units.

The ASV is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection, and protection against landmines. It is used by the Military Police to perform missions of area security, maneuver, and mobility support.

This PE funds government technical insertion initiatives that will feed into implementation of the Tactical Wheeled Vehicle (TWV) Modernization Strategy and the TWV Armoring Strategy as a bridge to future tactical vehicle efforts. This PE allows the PM to leverage technology and address capability gaps in performance and reliability as identified by the user community and reported in the field. FY15 funding will be used to continue Technology Insertion, Fuel Economy, and address field issues requiring RDT&E funds and will be used to increase protection and survivability of the FMTV through continued development and integration of armor enhancements and applications.

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Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
2040: Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)		PE 0604604A / MEDIUM TACTICAL VEHICLES			
B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	3.006	2.140	0.428	-	0.428
Current President's Budget	2.908	2.139	0.210	-	0.210
Total Adjustments	-0.098	-0.001	-0.218	-	-0.218
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Balance	-0.098	-0.001	-0.004	-	-0.004
• Other Adjustments 2	-	-	-0.214	-	-0.214

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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 0604604A / MEDIUM TACTICAL VEHICLES				Project (Number/Name) H07 / Family Of Med Tac Veh			
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
H07: Family Of Med Tac Veh	-	2.908	2.139	0.210	-	0.210	0.282	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
Note Not Applicable.												
A. Mission Description and Budget Item Justification												
This Program Element (PE) supports continued modernization of the Army's medium truck and trailer fleet and the Armored Security Vehicle (ASV).												
In the medium fleet, the Family of Medium Tactical Vehicles (FMTV) replaces aging M35 2 1/2-ton trucks, and M809 and M900 Series 5-ton trucks that are beyond their economic useful life of 15-20 years. FMTV fills 2 1/2-ton Light Medium Tactical Vehicle (LMTV) and 5-ton truck Medium Tactical Vehicle (MTV) requirements, and includes companion trailers, performing over 55 percent of the Army's local and line haul, and unit resupply missions, and operates throughout the theater as multi-purpose transportation vehicles in combat, combat support, and combat service support units.												
The ASV is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection, and protection against landmines. It is used by the Military Police to perform missions of area security, maneuver, and mobility support.												
This PE funds government technical insertion initiatives that will feed into implementation of the Tactical Wheeled Vehicle (TWV) Modernization Strategy and the TWV Armoring Strategy as a bridge to future tactical vehicle efforts. This PE allows the PM to leverage technology and address capability gaps in performance and reliability as identified by the user community and reported in the field. FY15-16 funding will be used to continue Technology Insertion, Fuel Economy, and address field issues requiring RDT&E funds and will be used to increase protection and survivability of the FMTV through continued development and integration of armor enhancements and applications.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2013	FY 2014	FY 2015	
Title: Automotive Technological Evaluation, Testing & Insertion									1.018	0.749	0.082	
									Articles: -	-	-	
Description: Funding is provided for the following effort												
FY 2013 Accomplishments:												
Continuation with FMTV Automotive Technological Evaluation, Testing, & Insertion												
FY 2014 Plans:												

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014
Continuation with FMTV Automotive Technological Evaluation, Testing & Insertion			
FY 2015 Plans: Continuation with FMTV Automotive Technological Evaluation, Testing, & Insertion			
Title: Armor Spiral Development		0.930	0.684
Articles:		-	-
Description: Funding is provided for the following effort			
FY 2013 Accomplishments: Improvements to occupant survivability.			
FY 2014 Plans: Improvements to occupant survivability			
Title: Fuel Economy		0.960	0.706
Articles:		-	-
Description: Funding is provided for the following effort			
FY 2013 Accomplishments: Continued Fuel Economy Improvements.			
FY 2014 Plans: Continued Fuel Economy Improvements			
Title: FMTV Force Protection Improvements		-	-
Description: Funding provided for the following effort:			0.128
FY 2015 Plans: Improvements to occupant survivability.			
Accomplishments/Planned Programs Subtotals		2.908	2.139
			0.210

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Appropriation/Budget Activity 2040 / 5				R-1 Program Element (Number/Name) PE 0604604A / MEDIUM TACTICAL VEHICLES				Project (Number/Name) H07 / Family Of Med Tac Veh				
C. Other Program Funding Summary (\$ in Millions)												
	<u>Line Item</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u> <u>Base</u>	<u>FY 2015</u> <u>OCO</u>	<u>FY 2015</u> <u>Total</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
	• OPA 1 D15500: <i>Family of Medium Tactical Vehicles D15500</i>	343.813	223.910	-	-	-	-	248.944	249.122	-	Continuing	Continuing
Remarks												
D. Acquisition Strategy												
FMTV - Technological Insertion, Armor Spiral Development, Fuel Economy, and FMTV Force Protection Improvements efforts will be accomplished by a Cost Plus Fixed Fee (Level of Effort) basis.												
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 0604604A / MEDIUM TACTICAL VEHICLES				Project (Number/Name) H07 / Family Of Med Tac Veh					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FMTV Automotive Technological Evaluation and Insertion	C/CPFF	Oshkosh Truck Corporation : Oshkosh, WI	9.452	1.018	Mar 2013	0.749	Mar 2014	-		-		-	Continuing	Continuing	Continuing
FMTV Armor Spiral Development	C/CPFF	Oshkosh Truck Corporation : Oshkosh, WI	3.921	0.930	Mar 2013	0.684	Mar 2014	-		-		-	Continuing	Continuing	Continuing
FMTV Fuel Economy	C/CPFF	Oshkosh Truck Corporation : Oshkosh, WI	0.956	0.960	Mar 2013	0.706	Mar 2014	-		-		-	Continuing	Continuing	Continuing
FMTV Automotive Technological Evaluation and Insertion	C/CPFF	TBD : TBD	0.082	-		-		0.082	Jan 2015	-		0.082	Continuing	Continuing	Continuing
FMTV Force Protection Improvements	C/CPFF	TBD : TBD	0.128	-		-		0.128	Jan 2015	-		0.128	Continuing	Continuing	Continuing
ASV Mission Enhancement Package (MEP)	MIPR	Various Locations : Various Locations	1.844	-		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			16.383	2.908		2.139		0.210		-		0.210	-	-	-
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FMTV Automotive Technological Evaluation and Insertion	Various	Various : Various	0.351	-		-		-		-		-	Continuing	Continuing	Continuing
FMTV Armor Spiral Development Testing	MIPR	TARDEC : Warren, MI	0.319	-		-		-		-		-	Continuing	Continuing	Continuing
FMTV Fuel Economy Testing	MIPR	TARDEC : Warren, MI	0.319	-		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			0.989	-		-		-		-		-	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army										Date: March 2014			
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	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	17.372	2.908		2.139		0.210		-		0.210	-	-	-
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604604A / MEDIUM TACTICAL VEHICLES	Project (Number/Name) H07 / Family Of Med Tac Veh	

	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
FMTV Technology Insertion																												
FMTV Armor Technology Insertion																												
FMTV Fuel Economy																												
FMTV Force Protection Improvements																												
FMTV Competitive Rebuy & Follow-on Production																												
ASV Current Production																												

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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 0604604A / <i>MEDIUM TACTICAL VEHICLES</i>	Project (Number/Name) H07 / <i>Family Of Med Tac Veh</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
FMTV Technology Insertion	1	2008	4	2016
FMTV Armor Technology Insertion	1	2010	4	2016
FMTV Fuel Economy	1	2010	1	2016
FMTV Force Protection Improvements	2	2015	4	2016
FMTV Competitive Rebuy & Follow-on Production	2	2010	2	2015
ASV Current Production	1	2010	1	2013