

# DEPARTMENT OF THE ARMY

## Procurement Programs



Committee Staff Procurement Backup Book  
Fiscal Year (FY) 2009 Global War on Terror Supplemental Request

**OTHER PROCUREMENT, ARMY**  
**Tactical and Support Vehicles**  
Budget Activity 1

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APPROPRIATION

February 2009

\*\*\* UNCLASSIFIED \*\*\*  
DEPARTMENT OF THE ARMY  
DOLLARS IN THOUSANDS

APPROPRIATION SUMMARY  
APPROPRIATION

	FY09 GWOT Requirement	Enacted Bridge	FY09 Remaining GWOT Request
<i>TACTICAL VEHICLES</i>			
1 TACTICAL TRAILERS/DOLLY SETS (DA0100)	147,426	40,000	107,426
2 Semitrailers, Flatbed: (D01001)	118,700	58,014	60,686
4 HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)	842,456	0	842,456
5 FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)	574,121	0	574,121
7 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)	1,057,221	90,000	967,221
8 ARMORED SECURITY VEHICLES (ASV) (D02800)	137,583	0	137,583
9 Mine Protection Vehicle Family (D02901)	704,956	0	704,956
10 TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)	115,548	110,000	5,548
11 HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)	366,296	15,000	351,296
12 HMMWV RECAP Program	568,600	390,219	178,381
13 MODIFICATION OF IN SVC EQUIP (DA0924)	456,000	15,000	441,000
16 HEAVY ARMORED SEDAN (D22100)	1,700	0	1,700
17 PASSENGER CARRYING VEHICLES (D23000)	8,350	0	8,350
18 NON-TACTICAL VEHICLES, OTHER (D30000)	50	0	50
	5,099,007	718,233	4,380,774

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<b>Exhibit P-40, Budget Item Justification Sheet</b>	Date: February 2009
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Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Item Nomenclature TACTICAL TRAILERS/DOLLY SETS (DA0100)
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Program Elements for Code B Items:	Code: A	Other Related Program Elements:
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	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				10231						10231
Gross Cost				107.4						107.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				107.4						107.4
Initial Spares										
Total Proc Cost				107.4						107.4
Flyaway U/C										
Weapon System Proc U/C		0.1								0.1

**Description:**  
Tactical trailers and dolly sets are used to transport generators, shelters, drinking water, ammunition, and general cargo. This budget line funds the Light Tactical Trailer (LTT) and the Heavy Expanded Mobility Ammunition Trailer (HEMAT). The prime movers for these trailers range from the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) to the 10-Ton M977 Series Heavy Expanded Mobility Tactical Truck (HEMTT).

**Justification:**  
FY 2009 Global War on Terrorism (GWOT) funds 10,231 LTTs. The LTT will fill requirements for Active Components and critical shortages in equipping SBCTs 1 through 7, and will also reconstitute Active and Reserve Component combat units by replacing assets lost in operations. In addition, significant quantities are scheduled for the Army National Guard and Reserve components which will enhance unit readiness and support the Homeland Defense mission. The HEMAT is needed to meet the demand of battle loss replacements.

\*\*FY 2009 Enacted Bridge for \$40.0 million not included in the above total.

	OIF	OEF	Total	
FY 2009 Bridge Enacted:	\$40.000	Million	\$ 0	40.0 Million
FY 2009 GWOT Requirement:	\$71.126		\$36.258	\$107.426
FY 2009 Remaining GWOT:	\$111.168	Million	\$36.268	Million \$147.426 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: TACTICAL TRAILERS/DOLLY SETS (DA0100)			Weapon System Type:	Date: February 2009				
<b>OPA1 Cost Elements</b>	ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
LIGHT TACTICAL TRAILER (D06700)	A							107426	10231	11.000
<b>Total:</b>								<b>107426</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
LIGHT TACTICAL TRAILER (D06700)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				10						10
Gross Cost				107.4						107.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				107.4						107.4
Initial Spares										
Total Proc Cost				107.4						107.4
Flyaway U/C										
Weapon System Proc U/C				10.7						10.7

**Description:**

The Light Tactical Trailer (LTT) is the companion trailer for the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV). The LTT is compatible with both the light and heavy HMMWV. The LTT family of trailers (light, heavy, and heavy chassis) maximize the HMMWV's cargo carrying capabilities throughout the HMMWV's mission profile. The LTT, when coupled with the HMMWV, provides a force multiplier by increasing load bearing capability without increasing the logistics footprint. The LTT is used throughout the Army force structure and Department of Defense. It will eventually replace over-age and over-mileage M101 series trailers. The LTT is used in conjunction with the HMMWV as a system platform for over 30 Army programs including weapon, communication and intelligence systems. These include the Joint Surveillance Target Attack Radar Systems, Trojan Spirit, Integrated System Control, Explosive Ordnance Disposal, Joint Tactical Unmanned Aerial Vehicle, Robotic Sensors, PM Mortars, and Joint Network Node.

**Justification:**

FY 2009 Global War on Terrorism (GWOT) funds 10,231 LTTs. These LTTs will fill requirements for Active Components and critical shortages in equipping SBCTs 1 through 7. These trailers will also reconstitute Active and Reserve Component combat units by replacing assets lost in operations. In addition, significant quantities are scheduled for the Army National Guard and Reserve components which will enhance unit readiness and support the Homeland Defense mission. The LTT is also a critical asset during National Guard disaster relief operations.

\*\*FY 2009 Enacted Bridge for \$40.0 million not included in the above total.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: LIGHT TACTICAL TRAILER (D06700)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>FY09 Remaining GWOT Request</b>											
1. LTT Trailer Hardware								86964	10231		9
2. Transportation								20462	10231		2
<b>Total:</b>								<b>107426</b>			

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: LIGHT TACTICAL TRAILER (D06700)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY09 Remaining GWOT Request</b> FY 2009 GWOT	TBS TBS	C/REQTS/2	TACOM, Warren, MI	Aug 09	May 10	10231	8	Y	Mar 07	Jul 09

REMARKS: Contracts awarded to Silver Eagle Mfg, Portland, OR, and Schutt Industries, Clintonville, WI, in August 2008. Multiple delivery orders will be competed between the two contractors throughout the contract. The distribution of production quantities will not be known until the time of award.



<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE LIGHT TACTICAL TRAILER (D06700)	Date: February 2009
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COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

FY09 Remaining GWOT Request																															
1	FY 09 GWOT	A	10231	4395	5836	1100	1101	1131	1251	1253																					0
Total						10231	4395	5836	1100	1101	1131	1251	1253																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	TBS, TBS	400	800	1700	6	1	Initial	0	1	9	10	
							Reorder	0	1	9	10	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Semitrailers, Flatbed: (D01001)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				819						819
Gross Cost				60.7						60.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				60.7						60.7
Initial Spares										
Total Proc Cost				60.7						60.7
Flyaway U/C										
Weapon System Proc U/C				0.1						0.1

**Description:**

The M870A3 semitrailer lowbed is a 40-ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on primary, secondary, and trail profiles. The semitrailer is a 45-foot long, 102-inch wide multi-axle state-of-the-art trailer with vehicle front end loading capability, dual 12/24 volt electrical system including light emitting diode (LED) lights and 12-inch extensions to expand the trailer width to 126 inches. The semitrailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly. Prime mover is the M915 line haul tractor.

The M871A3 semitrailer is a 22 1/2-ton drop deck/break bulk (DD/BB) container transporter. It is a tactical, dual purpose, bulk, and container transporter. It transports 20 foot International Organization for Standardization (ISO) Containers on line haul missions and is the primary means of distributing containers and bulk cargo.

The M872A4 semitrailer is a 34-ton, dual purpose, break bulk/container transporter. The semitrailer has a maximum rated payload of 68,000 pounds and is capable of a daily operating range of at least 300 miles at sustained speeds of 50-60 miles per hour.

**Justification:**

FY 2009 GWOT dollars procure an additional 530 M872A4 and 289 M870A3 semitrailers to fill Reserve Component Equipment Replacement requirements, Army Preposition Stock, and support GWOT readiness.

	OIF	OEF	Total
FY 2009 GWOT Requirement:	\$34,808 Million	\$83,892 Million	\$118.700 Million
FY 2009 Bridge Enacted:	\$34.808 Million	\$23.206 Million	\$ 58.014 Million
FY 2009 Remaining GWOT:	\$0 Million	\$60.686 Million	\$ 60.686 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: Semitrailers, Flatbed: (D01001)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Semitrl LB 40T M870A1/A3 (D00700) GWOT									27264	289	94.000
Semitrl FB BB/Cont 34T M872A4 (D01600)									33422	530	63.000
<b>Total:</b>									<b>60686</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
SEMITRAILER LB 40T M870A1 (CCE) (D00700)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				289						289
Gross Cost				27.3						27.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				27.3						27.3
Initial Spares										
Total Proc Cost				27.3						27.3
Flyaway U/C										
Weapon System Proc U/C				0.1						0.1

**Description:**

The M870A3 semitrailer lowbed is a 40-ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on primary, secondary, and trail profiles. The semitrailer is a 45-foot long, 102-inch wide, multi-axle, state-of-the-art trailer with vehicle front end loading capability, dual 12/24 volt electrical system including light emitting diode (LED) lights, and 12-inch extensions to expand the trailer width to 126 inches. The semitrailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly. The primary mission of the M870A3 is to transport engineering equipment, as well as pavers, compactors, the Hydraulic Excavator (HYEX), and dozers. The prime mover is the M915 series tractors.

**Justification:**

FY 2009 GWOT procures 289 M870A3 semitrailers to fill Reserve Component Equipment Replacement requirements, Army Preposition Stock (APS), and support GWOT readiness.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: SEMITRAILER LB 40T M870A1 (CCE) (D00700)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>FY 2009 GWOT</b>											
Hardware								26010	289	90	
<b>SUBTOTAL</b>								<b>26010</b>			
System Fielding Support								400			
Test								150			
System Technical Support								154			
Transportation								200			
Engineering Change Proposals								350			
<b>Total:</b>								<b>27264</b>			

### Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: SEMITRAILER LB 40T M870A1 (CCE) (D00700)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY 2009 GWOT</b> FY 2009 GWOT	Kalyn Siebert Gatesville, TX	FFP/IDIQI	TACOM, Warren, MI	Sep 09	Mar 10	289	90	Yes	No	FEB 09

REMARKS:

<b>FY 09 / 10 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE SEMITRAILER LB 40T M870A1 (CCE) (D00700)	Date: February 2009
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COST ELEMENTS						Fiscal Year 09												Fiscal Year 10												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09												Calendar Year 10												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

FY09 GWOT																													
1	FY 09 GWOT	A	289	0	289												A												
Total																													
			289		289																								

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Kalyn Siebert, Gatesville, TX	10	20	30	12	1	Initial	0	5	12	17	
							Reorder	0	3	6	9	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE SEMITRAILER LB 40T M870A1 (CCE) (D00700)	Date: February 2009
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COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

FY09 GWOT																																
1	FY 09 GWOT	A	289	197	92	30	21	14	14	13																						0
Total						289	197	92	30	21	14	14	13																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Kalyn Siebert, Gatesville, TX	10	20	30	12	1	Initial	0	5	12	17	
							Reorder	0	3	6	9	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
SEMITRAILER FB BB/CONT TR 34T M872 C/S (D01600)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				321						321
Gross Cost				19.9						19.9
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				19.9						19.9
Initial Spares										
Total Proc Cost				19.9						19.9
Flyaway U/C										
Weapon System Proc U/C										

**Description:**

The M872A4 semitrailer is a dual purpose, break bulk/container transporter, 43-foot with a maximum payload of 67,200 pounds over primary and improved secondary roads. The M872A4 is a commercially adapted semitrailer. Its mission is to transport a single 40-foot or two 20-foot International Organization for Standardization (ISO) containers, palletized cargo, and light combat and tactical vehicles. The A4 model provides greater off road capability than the previously fielded models. It has been updated to minimize corrosion to achieve a minimum 20 year service life. The axles now have greater capacities to carry increased weight and the suspension was redesigned to improve flexion and deflection of the trailer deck for non-standard shaped loads. It also includes an enhanced electrical system for the attachment of diagnostic equipment, anti-lock brake controllers for improved control, and tires and rims that have been updated to add service life. The prime mover is the M915 series 6 x 4 line haul tractor. The M872A4 semitrailer's Vehicle System Kits (VSK) contain side racks and tarpaulin which provide cargo cover.

**Justification:**

FY09 GWOT procures 530 M872A4 semitrailers to fill Reserve Component Equipment Replacement requirements, Army Preposition Stock (APS), and support GWOT readiness.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: SEMITRAILER FB BB/CONT TR 34T M872 C/S (D01600)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID CD	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>FY 2009 GWOT</b>											
M872A4 Hardware with FRET									31594	530	60
VSK									1120	176	6
<b>Subtotal Hardware</b>									<b>32714</b>		
Testing									152		
System Fieldings									334		
Engineering Change Proposal (ECPs)									152		
Documentation									70		
<b>Subtotal Support Cost</b>									<b>708</b>		
<b>Total:</b>									<b>33422</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: SEMITRAILER FB BB/CONT TR 34T M872 C/S (D01600)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY 2009 GWOT</b> FY 2009 GWOT	Talbert Manufacturing, Inc Rensselaer, Indiana	FFP/IDIQ 1	TACOM, Warren, MI	Aug 09	Nov 10	530	60	YES	N/A	FEB 09

REMARKS: The FY09 Main GWOT production will begin following the scheduled production of the FY09 Base and FY09 Bridge Reset requirements.





**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Semitrailers, tankers (D02001)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				104						104
Gross Cost				19.7						19.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				19.7						19.7
Initial Spares										
Total Proc Cost				19.7						19.7
Flyaway U/C										
Weapon System Proc U/C				0.2						0.2

**Description:**

This budget line procures two different types of 5000-Gallon Semitrailers: the M967A2 Bulkhauler and the M969A3 Automotive Refueler. They share the same production line and have common components. The bulkhaulers have a four-cylinder diesel engine and a four-inch centrifugal pump. The refuelers are equipped with a self-priming pump assembly and filter separator assembly, with a dispensing assembly consisting of dual pressured, automotive refueling systems. The tankers are found primarily in Transportation Medium Truck Companies and Petroleum Supply Companies assigned to Quartermaster Battalions. Semitrailer features include a stainless steel, single compartment tank of 5000-gallon capacity, top and bottom loading capacity, an automatic overflow shutoff device, and gravity discharge capability. It is also equipped with a four-cylinder diesel engine and pump assembly, tandem axles, manually operated landing gear, radial tires, a fuel capacity measuring device and a vapor recovery system/kit. When empty, these semitrailers are air transportable and are designed to be towed by a truck tractor equipped with a fifth wheel. The authorized prime mover for the highway and cross-country is the 5-Ton Truck Tractor.

**Justification:**

FY 2009 Global War On Terrorism (GWOT) procures 104 M969A3 semitrailer tankers to fill Reserve Component Equipment units, Army Preposition Stock (APS), and support GWOT readiness.

	OIF	OEF	TOTAL	
FY2009 GWOT Requirement:	\$27.974 Million	\$18.649 Million	\$46.623 Million	
FY2009 Bridge Enacted:	\$16.165 Million	\$10.776 Million	\$26.941 Million	
FY2009 Remaining GWOT:	\$11.809 Million	\$ 7.873 Million	\$19.682 Million	

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: Semitrailers, tankers (D02001)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY 2009 Remaining GWOT Request M969A3 Semitrailer tankers									19682	104	189
<b>Total:</b>									<b>19682</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				104						104
Gross Cost				19.7						19.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				19.7						19.7
Initial Spares										
Total Proc Cost				19.7						19.7
Flyaway U/C										
Weapon System Proc U/C				0.2						0.2

**Description:**

The M969A3 5000-Gallon Fuel Tanker Semitrailer performs automotive refueling and bulk fuel hauling from Division to Main Supply and Forward Support Battalions. The M969A3 Tanker is found primarily in Transportation Medium Truck Companies and Petroleum Supply Companies assigned to Quartermaster Battalions. The M969A3 is equipped with a self-priming pump assembly and a filter separator assembly for automotive fuel. This dispensing assembly consists of dual automotive refueling systems that are pressurized to deliver fuel by a diesel engine and centrifugal pump combination. Each refueling system is composed of a meter, electric rewind hose reel, 50-feet of dispensing hose, and a dispensing nozzle.

**Justification:**

FY 2009 GWOT Request procures 104 M969A3 Automotive 5000 Gallon Tankers to fill Reserve Component Equipment Replacement requirements, Army Preposition Stock (APS), and support GWOT readiness.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>FY 2009 GWOT</b>											
Vehicle with FRET								18882	104		182
<b>Sub Total</b>								<b>18882</b>			
Engineering Change Proposals (ECPs)								450			
Testing								194			
Fielding Support								150			
Documentation								6			
<b>Total:</b>								<b>19682</b>			

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY 2009 GWOT</b> FY 2009	Heil Trailer International Athens, Tennessee	FFP/IDIQ 1	TACOM, Warren, MI	Aug 09	Nov 10	104	182	YES	N/A	N/A

REMARKS: The FY09 Main GWOT production will begin following the scheduled M967 and M969 production of the FY09 Base and FY09 Bridge Reset requirements.



<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)	Date: February 2009
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COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

FY09 GWOT																																
1	FY 09 GWOT	A	104	0	104		45	45	14																							0
Total							104		104		45	45	14																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Heil Trailer International, Athens, Tennessee	5	15	45	6	1	Initial	0	6	15	21	The FY09 Main GWOT production will begin following the scheduled M967 and M969 production of the FY09 Base and FY09 Bridge Reset requirements.
							Reorder	0	4	7	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles  
 P-1 Item Nomenclature: HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)

Program Elements for Code B Items: Code: A Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				5296						5296
Gross Cost				842.5						842.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				842.5						842.5
Initial Spares										
Total Proc Cost				842.5						842.5
Flyaway U/C										
Weapon System Proc U/C				0.2						0.2

**Description:**  
 The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) is a lightweight, high performance, four-wheel drive, air transportable and air droppable family of tactical vehicles. The vehicle has a diesel engine, automatic transmission and payload capacity of 3,500 lbs. All variants are built on an Expanded Capacity Vehicle (ECV) Chassis which provides additional carrying capacity and are produced with an integrated armor package with the capability to accept add-on armor kits. The M1167 transitions the M1045A2 and M966A1 body style and Tube-launched, Optically-tracked, Wire-guided (TOW) mission into the ECV chassis. The model designation identifies the variant as an M1151 with TOW mission capabilities.

**Justification:**  
 FY 2009 Global War on Terrorism (GWOT) procures a mix of 5,296 armored M1151A1's, M1152A1's, M1165A1's and M1167's. Vehicles are required to support the Global War on Terrorism by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

	OIF	OEF	Total
FY 2009 GWOT Requirement:	\$723.120 Million	\$119.336 Million	\$842.456 Million
FY 2009 Bridge Enacted:	.000 Million	.000 Million	.000 Million
FY 2009 remaining GWOT Request:	\$723.120 Million	\$119.336 Million	\$842.456 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>FY 2009 Remaining GWOT Request</b>											
M1151A1 (Armored)		A						198146	1163		170
M1152A1 (Armored)		A						132836	1000		133
M1165A1 (Armored)		A						460689	3025		152
M1167 TOW (Armored)		A						19563	108		181
<b>Subtotal</b>								<b>811234</b>			
<b>Variable Cost</b>											
Fielding Support								9138			
Engineering Changes								10952			
Kits (Voice Radio, Singars, GPK)								11132			
<b>Total:</b>								<b>842456</b>			

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles										
		Weapon System Type:	P-1 Line Item Nomenclature: HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)							
<b>FY 2009 Remaining GWOT Request</b>										
<b>M1151A1 (Armored)</b> FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Jul 09	Jan 10	1163	170	Yes	N/A	N/A
<b>M1152A1 (Armored)</b> FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Jul 09	Jan 10	1000	133	Yes	N/A	N/A
<b>M1165A1 (Armored)</b> FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Jul 09	Jan 10	3025	152	Yes	N/A	N/A
<b>M1167 TOW (Armored)</b> FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Jul 09	Jan 10	108	181	Yes	N/A	N/A

REMARKS:



<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)	Date: February 2009
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COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M1151A1 (Armored)																														
1	FY 09 GWOT	A	1163	873	290	97	97	96																				0		
M1152A1 (Armored)																														
1	FY 09 GWOT	A	1000	751	249	83	83	83																				0		
M1165A1 (Armored)																														
1	FY 09 GWOT	A	3025	2241	784	261	261	262																				0		
M1167 TOW (Armored)																														
1	FY 09 GWOT	A	108	108																								0		
Total																														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	AM General, Mishawaka, IN	313	1175	1839		1	Initial	0	1	6	7	
							Reorder	0	1	6	7	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:  
PE 0604604A/Project DH07 Medium Tactical Vehicles

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1918						1918
Gross Cost				574.1						574.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				574.1						574.1
Initial Spares										
Total Proc Cost				574.1						574.1
Flyaway U/C										
Weapon System Proc U/C				0.3						0.3

**Description:**

The Family of Medium Tactical Vehicles (FMTV) is a complete series of trucks and trailers, based on a common chassis, that vary by payload and mission. The Light Medium Tactical Vehicle (LMTV) has a 2-1/2-ton capacity consisting of cargo and van models. The Medium Tactical Vehicle (MTV) has a 5-ton capacity, consisting of cargo, tractor, van, wrecker, tanker, and dump truck models. Also a 8.8-ton capacity load handling system, and a 10-ton capacity dump truck models. Sub-variants provide Air Drop capability for contingency and rapid deployment operations. Commonality between variants significantly reduces operation and maintenance costs. FMTV performs over 55% of the Army's local and line haul, and unit resupply missions in combat, combat support, and combat service support units. Extended applications of the FMTV include support to other Army requirements such as Towed Artillery Digitization (TAD), Theater High Altitude Area Defense (THAAD), Patriot Recapitalization, High Mobility Artillery Rocket System (HIMARS), Medium Extended Air Defense System (MEADS), Non Line of Sight Launching System (NLOS-LS), Joint Network Node (JNN), Laundry Advanced System (LADS), Containerized Kitchen, Integrated Family of Test Equipment (IFTE), Calibration Sets (CALSETS) and the Unit Water Pod System (CAMEL). FMTV trailers (LMTV & MTV) have the same payload as the LMTV/MTV trucks. The quantities shown above reflect trucks only.

**Justification:**

The FMTV fills the 2-1/2-ton and 5-ton truck requirements, fulfills Army modularity requirements and modernizes the medium fleet, reduces operation and support costs, resolves potential operational deficiencies and operates throughout the theater as a multi-purpose transportation vehicle used by combat, combat support and combat services support units.

FY09 Global War on Terrorism (GWOT) Request procures 1,918 trucks and 279 trailers for additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY09 GWOT Requirement - \$574.121 Million. Quantity 1,918 trucks (OIF - 1,918) and 279 trailers (OIF - 179; OEF - 100)

	OIF	OEF	Total
FY2009 GWOT Requirement	\$570.104 Million	\$ 4.017 Million	\$574.121 Million
FY2009 Bridge enacted	\$.000 Million	\$.000 Million	\$.000 Million
FY2009 Remaining GWOT Request	\$570.104 Million	\$ 4.017 Million	\$574.121 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>1. GWOT Appropriation</b>											
--LMTV Trucks (various models)		A						366512	1491		246
--MTV Trucks (various models)		A						150577	427		353
--LMTV Trailer		A						5208	173		30
--MTV Trailer		A						4608	106		43
--LTAS B-Kits											
--Other Hardware								35828			
--Non Hardware								11388			
<b>Total:</b>								<b>574121</b>			

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>1. GWOT Appropriation</b> FY 2009	BAE Sys TVS Sealy, TX	SS/Option	TACOM, Warren, MI	Jul 09	Jun 10	1918	270	Yes	N/A	N/A

REMARKS: FY 2009 SS/Option. Reflects options to a new, sole source contract awarded in May 2008.



<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)	Date: February 2009
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COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

GWOT Appropriation																																	
1	FY 09	A	1918	640	1278	160	160	160	160	160	160	160	160	158																			0
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
Total			1918	640	1278	160	160	160	160	160	160	160	160	158																			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	BAE Sys TVS, Sealy, TX	150	350	840	12	1	Initial	0	6	9	15	The FY09 GWOT Supplemental is: Trucks - 1,918 Trailers - 279
							Reorder	0	1	12	13	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost				967.2						967.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				967.2						967.2
Initial Spares										
Total Proc Cost				967.2						967.2
Flyaway U/C										
Weapon System Proc U/C										

**Description:**

The Family of Heavy Tactical Vehicles (FHTV) is used in line haul, local haul, unit resupply, and other missions throughout the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) and its companion trailers, flat racks (Container Roll-in/Out Platform (CROP)), Enhanced Container Handling Units (E-CHU), and the Movement Tracking System (MTS), as well as the Heavy Expanded Mobility Tactical Truck (HEMTT). The FHTV line also includes the Forward Repair System (FRS), which is a mobile maintenance platform that mounts on a PLS or HEMTT, and the Heavy Equipment Transporter System (HETS) which consists of the M1070 Truck Tractor and the M1000 Semi-trailer whose primary mission is to transport main battle tanks and other heavy equipment.

**Justification:**

FY2009 Global War on Terrorism (GWOT) funds PLS Truck qty 341, PLS Trailer qty 1325, PLS CROP qty 425, Movement System Tracking qty 3098, Heavy Equipment Transporter (HETS) qty 85, HETS Trailers qty 675, HEMTT LHS qty 445, HEMTT Tanker qty 34, HEMTT Wrecker qty 120 and Forward Repair System qty 4. Replacing battle losses, generating and protecting forces, and enhancing military capabilities.

\*\* FY 2009 Enacted Bridge not included in the above total.

	OIF	OEF	TOTAL
FY 2009 GWOT Requirement:	\$ 1,057.221 Million	\$0	\$ 1,057.221 Million
FY 2009 Bridge Enacted **	\$ 54.000 Million	\$36.000 Million	\$ 90.000 Million
FY 2009 Remaining GWOT Request:	\$ 628.748 Million	\$ 338.473 Million	\$ 967.221 Million



**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles  
 P-1 Item Nomenclature: TRUCK, CARGO, 10 TON, 8X8 (D16201)

Program Elements for Code B Items: Code: Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				899						899
Gross Cost				329.3						329.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				329.3						329.3
Initial Spares										
Total Proc Cost				329.3						329.3
Flyaway U/C										
Weapon System Proc U/C				0.4						0.4

**Description:**  
 The Heavy Expanded Mobility Tactical Truck (HEMTT) is a 10-ton, 8-wheel drive truck in all body styles, including two cargo configurations, a wrecker, a tanker, load handling system (LHS), and a tractor. The HEMTT is C130 transportable and supports the Army's modularity objectives. The M1120 Load Handling System (LHS) is an essential Combat Service Support (CSS) enabler in both the Stryker Brigade Combat Team (SBCT) and the Modular Brigade Combat Team (BCT) for modular delivery of fuel, ammunition, and other classes of supply in forward areas. M977 series of vehicles are used for resupply of field artillery ammunition and forward area, cavalry, and infantry units. M985 Cargo has a heavier suspension than the M977 for direct re-arming of the Multiple Launch Rocket System (MLRS) and transport of Patriot erectors/launchers. M984 Wrecker is the recovery vehicle for other wheeled support and combat vehicle systems and is the only recovery vehicle in the SBCT. M978 Tanker is a 2500-Gallon Fuel Transporter and is an essential CSS enabler in the SBCT and BCT. M983 Light Equipment Transporter (LET) is used for enhanced mobility of forward deployed engineering units. Stryker Recovery consists of the M983 LET with the Fifth Wheel Towing Device (FWTD), High Mobility Recovery Trailer (HMRT), and HEMTT Add on Armor Kits. There is a urgent need for this capability within each SBCT to mitigate shortfalls. The HEMTT variants have transitioned to the A4 configuration in FY08 to include modern power train, air ride suspension, updated electrical system, ABS and traction control, and a common cab with PLS. All vehicles will be LTAS B kit ready.

**Justification:**  
 FY 2009 Global War On Terrorism (GWOT) funds qty 445 HEMTT Load Handling Systems (LHS), 120 HEMTT Wreckers, 334 HEMTT Tankers, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

	OEF	OIF	Total
FY 2009 GWOT Requirement:	\$118.556 Million	\$210.767 Million	\$329.323 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, CARGO, 10 TON, 8X8 (D16201)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>Total FY2009 Base</b>											
<b>FY 2009 GWOT</b>											
Hardware - HEMTT All Body Types								282953	899		315
<b>Subtotal</b>								<b>282953</b>			
Federal Retail Excise Tax								33954			
B-Kits								4244			
Engineering Changes								515			
Special Tools								214			
System Fielding Support								7443			
<b>Subtotal Support Costs</b>								<b>46370</b>			
<b>Total:</b>								<b>329323</b>			

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: TRUCK, CARGO, 10 TON, 8X8 (D16201)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Hardware - HEMTT All Body Types</b> FY 2009 GWOT	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Aug 09	Apr 10	899	315	Y	N/A	N/A

REMARKS:



<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, CARGO, 10 TON, 8X8 (D16201)	Date: February 2009
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COST ELEMENTS						Fiscal Year 11											Fiscal Year 12											Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11											Calendar Year 12											
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	

Hardware - HEMTT All Body Types																																
1	FY 09	A	899	450	449	75	75	75	75	75	74																					0
Total						899	450	449	75	75	75	75	75	74																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Oshkosh Truck Corp, Oshkosh, WI	1	484	616	12	1	Initial	0	2	8	10	
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
FORWARD REPAIR SYSTEM (FRS) (D16400)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				4						4
Gross Cost				1.3						1.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				1.3						1.3
Initial Spares										
Total Proc Cost				1.3						1.3
Flyaway U/C										
Weapon System Proc U/C										

**Description:**

The Forward Repair System (FRS) is a high-mobility, forward maintenance system that reduces Repair Cycle Time. The FRS places tools, diagnostic test equipment, and heavy lift capability in one package to provide key maintenance support in the forward battle area through the brigade support battalion, field support company or maintenance field company. The FRS is configured with a 5.5 ton lift capacity with a 14 ft. (communications) radius crane capable of removing and replacing major components, including full up powerpacks (FUPPS) on all models of military vehicles. The crane traverses, extends, and has the necessary reach and hook height to remove/replace a powerpack from a combat vehicle. An integrated 35 KW generator is the source of electrical power for onboard systems and provides hydraulic power to the crane. Additionally, the FRS has its own air source for air tools and inflatable lifting devices. It has limited spot welding and cutting capabilities, a tailored set of industrial quantity hand and power tools, and its own on-board power source. The power source has the capability of providing power sufficient to operate the crane, welding equipment, power tools, and the on-board electrical system. The FRS provides storage space for the Soldiers' Portable On-System Repair Tool (SPORT), General Mechanics Tool Kits (GMTKs), Battle Damage Assessment and Repair (BDAR) kits, combat spares, and other supporting equipment. The FRS will free the M88 recovery vehicle from its present captive role as a repair vehicle, which means increased availability of M88 recovery vehicles for recovery missions. The FRS meets the maneuver commander's need for a repair system that is responsive, effective, and reduces the number of systems requiring evacuation.

**Justification:**

FY09 Global War on Terrorism (GWOT) funds 4 FRS. To efficiently execute the GWOT, the U.S. Army directed that early deployers leave assigned equipment for use by follow on units deploying for OIF/OEF including mobilized Reserve Component Units (RC). Army recognizes the importance of replacement of ARNG/USAR equipment via new procurement in order that those components maintain their required high state of readiness by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: FORWARD REPAIR SYSTEM (FRS) (D16400)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>FY 2009 Remaining GWOT Request</b>											
1. Forward Repair System									1272	4	318
<b>Total:</b>									<b>1272</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: FORWARD REPAIR SYSTEM (FRS) (D16400)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY 2009 Remaining GWOT Request</b> <b>1. Forward Repair System</b> FY 2009 GWOT	Rock Island Arsenal Rock Island, IL	SS/FFP	PM SKOT, Rock Island, IL	Aug 09	Feb 10	4	318			

REMARKS:



**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				341						341
Gross Cost				261.7						261.7
Less PY Adv Proc				0.3						0.3
Plus CY Adv Proc										
Net Proc P1				261.4						261.4
Initial Spares										
Total Proc Cost				261.4						261.4
Flyaway U/C										
Weapon System Proc U/C										

**Description:**

The Palletized Load System (PLS) consists of a 16.5-ton payload prime mover (10x10) with an integral load-handling system, which provides self-loading and unloading capability, a 16.5-ton payload trailer, and demountable cargo beds, or flatracks. The PLS A1 will be Long Term Armor Strategy (LTAS) compliant. LTAS compliant armor B-kits have a higher level of protection. The Enhanced Container Handling Unit (E-CHU) is being fielded to transportation and ammunition units and to forward support battalions, providing the capability to pick up and transport 20-foot International Standards Organization (ISO) containers without the use of a flatrack. The E-CHU allows the Army to use its Tactical Wheeled Fleet in any number of ways in transporting of loads and will be common to both the PLS and HEMTT LHS vehicles, as well as being stowable so that Flatrack loads can still be transported. The Movement Tracking System (MTS) program provides a multitude of tactical wheeled vehicles (PLS, Heavy Expanded Mobility Tactical Truck, Family of Medium Tactical Vehicles, etc.) with Global Positioning System (GPS) capability and two-way digital messaging. The PLS Truck performs line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units and is equipped with a Central Tire Inflation System (CTIS) which significantly improves off-road mobility. Current flatrack funding buys the Container Roll-in/out Platform (CROP), an A-frame type flatrack, which fits inside a 20-foot ISO inter-modal container. The PLS Trailer, CROP, E-CHU, and MTS are key enablers for both the Stryker Brigade Combat Team (SBCT) and modular force structure.

**Justification:**

FY 2009 GWOT will procure qty 341 PLS Trucks, qty 1375 PLS Trailers, and qty 425 CROP. The Movement Tracking System procurement of 1647 mobile units support SBCT and modular force structure. This will positively impact Active Army OIF/OEF requirements and attain/maintain a high level of readiness and operational capability in transloading palletized loads, and fulfilling the requirement of transporting multiple configurations of cargo utilizing a variety of flat-racks in the battlefield.

	OEF	OIF	Total	
FY 2009 GWOT Requirements:		\$94.096 Million	\$167.283 Million	\$261.379 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID CD	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>FY 2009 GWOT</b>											
PLS Truck								120714	341		354
PLS Trailer								68900	1325		52
Cargo Bed, Demountable								3825	425		9
Movement Tracking System								92853	3098		30
<b>Subtotal Hardware:</b>								<b>286292</b>			
Engineering Changes								4294			
Documentation								366			
Special Tools								525			
System Fielding Support								13328			
<b>Subtotal Support Costs:</b>								<b>18513</b>			
<b>Total:</b>								<b>304805</b>			

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>PLS Truck</b> FY 2009 GWOT	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Aug 09	Apr 10	341	354	Y	N/A	N/A
<b>PLS Trailer</b> FY 2009 GWOT	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Aug 09	Apr 10	1325	52	Y	N/A	N/A
<b>Cargo Bed, Demountable</b> FY 2009 GWOT	Summa Technology Inc. Huntsville, AL	C/REQ/Y3	TACOM, Warren, MI	Aug 09	Apr 10	425	9	Y	N/A	N/A
<b>Movement Tracking System</b> FY 2009 GWOT	MTS-Comtech Moblile Datacom Germantown, MD	C/REQ/Y2	TACOM, Warren, MI	Aug 09	Mar 10	3098	30	Y	N/A	N/A

REMARKS:



<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>										P-1 ITEM NOMENCLATURE TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)										Date: February 2009				
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	------------------------	--	--	--	--

COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
PLS Truck																														
1	FY 09	A	341	126	215	36	36	36	36	36	35																		0	
PLS Trailer																														
3	FY 09	A	1325	666	659	110	110	110	110	110	109																		0	
Cargo Bed, Demountable																														
2	FY 09	A	425	216	209	35	35	35	35	35	34																		0	
Movement Tracking System																														
4	FY 09	A	3098	1807	1291	258	258	258	258	259																			0	
Total						5189	2815	2374	439	439	439	439	440	178																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES					Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct	After 1 Oct							
		1	2	3	4	5							
1	Oshkosh Truck Corp (PLS), Oshkosh, WI	1	484	616	12	1	Initial	0	2	8	10		
							Reorder	0	3	8	11		
2	Summa Technology Inc., Huntsville, AL	5	160	360	12	2	Initial	0	2	7	9		
							Reorder	0	3	8	11		
3	Oshkosh Truck Corp (PLST), Oshkosh, WI	1	44	220	12	3	Initial	0	2	8	10		
							Reorder	0	3	8	11		
4	MTS-Comtech Mobilite Datacom, Germantown, MD	10	150	330	12	4	Initial	0	3	5	8		
							Reorder	0	4	7	11		
							Initial						
							Reorder						

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles  
 P-1 Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)

Program Elements for Code B Items: Code: A Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				85						85
Gross Cost				331.8						331.8
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				331.8						331.8
Initial Spares										
Total Proc Cost				331.8						331.8
Flyaway U/C										
Weapon System Proc U/C										

**Description:**  
 The Heavy Equipment Transporter System (HETS) consists of the M1070 Truck Tractor and the M1000 Semi-trailer. Together, they form a system whose primary mission is to transport main battle tanks and other heavy equipment. The HETS continues to provide the only tactical transportation and evacuation support for the main battle tank and other heavy tracked combat vehicles. The M1070/M1000 HETS also has the capability to self-load and unload disabled tanks. The total HETS procured through FY02 is 2,347 systems. The HETS Approved Acquisition Objective (AAO) is 1,879. HETS-A1 full production is currently scheduled in FY10 which includes the following Block Improvements: electrical upgrades, ABS/traction control, climate control, LTAS compliant (A/B kit armor) and improved suspension.

**Justification:**  
 FY 2009 GWOT Request procures a qty 85 HETs Trucks and 675 HETS Trailers. The FY09 GWOT procurement is required to replace battle losses and to payback Reserve Components Units for equipment left in theater.

	OEF	OIF	Total	
FY 2009 GWOT Requirement:	\$119.456 Million	\$212.365 Million	\$331.821 Million	

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID CD	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>FY 2009 GWOT</b>											
M1070 Tractor		A						41480	85	488	
M1000 Trailers								274050	675	406	
FRET								4978			
<b>SubTotal</b>								<b>320508</b>			
B-Kits								4807			
ECPs								250			
Testing								100			
Documentation								100			
Special Tools								6056			
System Fielding Spt								<b>11313</b>			
<b>Subtotal Support Costs</b>											
<b>Total:</b>								<b>331821</b>			

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>M1070 Tractor</b> FY 2009 GWOT	Oshkosh Truck Corp. Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Mar 10	Nov 10	675	85	N	TBD	TBD
<b>M1000 Trailers</b> FY 2009	DRS; West Plains, MD	SS/REQ	TACOM, Warren, MI	Mar 09	Oct 10	675	406	N	N/A	N/A

REMARKS:





**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles  
 P-1 Item Nomenclature: ARMORED SECURITY VEHICLES (ASV) (D02800)

Program Elements for Code B Items: Code: A Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				154						154
Gross Cost				137.6						137.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				137.6						137.6
Initial Spares										
Total Proc Cost				137.6						137.6
Flyaway U/C										
Weapon System Proc U/C				0.9						0.9

**Description:**  
 The Armored Security Vehicle (ASV) is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection and protection against landmines. The ASV accepts the MK-19 Grenade Machine Gun, the M2 .50 caliber machine gun and the M249 5.56 mm Squad Automatic Weapon (SAW) machine gun. The ASV is transportable by C-130 and larger aircraft, rail, and marine transport modes, and is capable of carrying a crew of four. The vehicle has a diesel engine, automatic transmission, central tire inflation system, and a payload of 3,360 lbs. The ASV can accommodate a suite of fragmentation kits for additional armor protection. Additional survivability enhancements include: gas particulate ventilated face pieces, a multi-salvo smoke grenade launcher, a crew/engine compartment fire suppression system, an intercom system with radio interface, seamless armor, and blackout capability.

**Justification:**  
 FY2009 Global War On Terrorism (GWOT) funds procure 154 ASVs. The ASV is used by the Military Police(MP) to perform missions of Area Security, maneuver and Mobility Support, Police Intelligence Operations, and Law and Order Operations across the entire operational continuum. ASV is also used by MPs to conduct Force Protection and Stabilization Operations in a war environment. Additionally, ASV is increasingly being used as a Convoy Protection Platform for Combat Support (CS) and Combat Services Support (CSS) Units.

	OIF	OEF	Total
FY2009 GWOT Requirement:	\$49.430 Million	\$88.153 Million	\$137.583 Million
FY2009 Bridge Enacted:	\$00.000 Million	\$00.000 Million	\$ 00.000 Million
FY2009 Remaining GWOT Request:	\$49.430 Million	\$88.153 Million	\$137.585 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: ARMORED SECURITY VEHICLES (ASV) (D02800)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>FY2009 Remaining GWOT Request</b>											
Hardware								108910	154	707	
Engineering Changes								3267			
Kits (Includes Frag 1, Frag 2, VIC-3 )								21141			
Fielding Support								4265			
<b>Total:</b>								<b>137583</b>			

### Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: ARMORED SECURITY VEHICLES (ASV) (D02800)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Vehicle</b> FY 2009 GWOT	Textron Marine & Land Systems New Orleans, LA	SS/FFP	TACOM, Warren, MI	Aug 09	Jun 10	154	707	Yes	N/A	N/A

REMARKS:



<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE ARMORED SECURITY VEHICLES (ASV) (D02800)	Date: February 2009
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COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

Vehicle																																
1	FY 09	A	154	52	102	13	13	13	13	13	13	12	12																		0	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Total			154	52	102	13	13	13	13	13	13	12	12																			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Textron Marine & Land Systems, New Orleans, LA	12	12	48		1	Initial	0	1	10	11	
							Reorder	0	1	10	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Mine Protection Vehicle Family (D02901)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				495						495
Gross Cost				705.0						705.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				705.0						705.0
Initial Spares										
Total Proc Cost				705.0						705.0
Flyaway U/C										
Weapon System Proc U/C				1.4						1.4

**Description:**

The route clearance operation mission is accomplished with the Medium Mine Protected Vehicle (MMPV) system which complements the Vehicle Mounted Mine Detection System (VMMD) and the Buffalo Mine Protected Clearance Vehicle (MPCV) to perform route clearance operations.

The MMPV is a blast protected, wheeled vehicle platform that will operate in explosive hazardous environments to support Future Engineer Force (FEF) Clearance Companies in route and area clearance operations, Explosive Hazards Teams in explosive hazards reconnaissance operations, and Explosive Ordnance Disposal (EOD) companies in EOD support operations. The MMPV will also transport soldiers for security forces and support operations (e.g., medical), and provide a platform for command and control & electronic countermeasures.

The Buffalo MPCV is a six wheeled armor vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over.

The VMMD is a mine protected, vehicle mounted mine detection and proofing system which is capable of finding and marking metallic explosive hazards. VMMD consists of two mine detection vehicles and three detonation trailers. Early versions of the VMMD procured for Operational Needs Statement (ONS) consisted of a Meerkat and a Husky, while more recent procurements consist of two Husky vehicles. Both vehicles are a single occupant system designed for mine blast protection and rapid field reparability.

Training Aids, Devices, Simulations and Simulators (TADSS) allow soldiers to be trained on route clearance equipment for route clearance missions, including soldiers being deployed to Theater.

**Justification:**

FY2009 Global War on Terrorism (GWOT) request procures 260 MMPVs, 113 VMMDs, 122 Buffalo MPCV and 3 Training Aids, Devices, Simulations and Simulators (TADSS). These systems can be used to fill Operational Needs Statement (ONS) requirements, replace anticipated battle loss as well as be used to outfit Future Engineer Force (FEF) Clearance Companies. The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including improvised explosive devices (IEDs). These systems locate and neutralize IEDs before they result in fatal or catastrophic injury to civilians and soldiers.

	OIF	OEF	TOTAL
FY 2009 GWOT Request:	\$515.856M	\$189.100	\$704.956
FY 2009 Bridge Enacted:	\$0	\$0	\$0
FY 2009 Remaining GWOT Request:	515.856M	\$189.100	\$704.956

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Medium Mine Protected Vehicle (MMPV) (D02902)

Program Elements for Code B Items:

Code:  
B

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				260						260
Gross Cost				325.0						325.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				325.0						325.0
Initial Spares										
Total Proc Cost				325.0						325.0
Flyaway U/C										
Weapon System Proc U/C				1.3						1.3

**Description:**

The Medium Mine Protected Vehicle (MMPV) is a blast protected, wheeled vehicle platform that will operate in explosive hazardous environments to support Future Engineer Force (FEF) Clearance Companies in route and area clearance operations, Explosive Hazards Teams in explosive hazards reconnaissance operations, and EOD companies in EOD support operations. The MMPV will also transport soldiers for security forces and support operations (e.g., medical), and provide a platform for command and control & electronic countermeasures. The MMPV system complements the Vehicle Mounted Mine Detection System (VMMD) and Mine Protected Clearance Vehicle (MPCV) to perform route clearance operations.

**Justification:**

FY 2009 GWOT Request procures 260 MMPV required to fill an urgent need for Operation Iraqi Freedom (OIF).

The Mine Protected Route Clearance Vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including improvised explosive devices (IEDs). These systems locate and neutralize IEDs before they result in fatal or catastrophic injury to civilians and soldiers.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: Medium Mine Protected Vehicle (MMPV) (D02902)			Weapon System Type:	Date: February 2009				
<b>OPA1 Cost Elements</b>	ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
Hardware (GWOT)		\$000	Each	\$000	\$000	Each	\$000	325000	260	1250
<b>Total:</b>								<b>325000</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: Medium Mine Protected Vehicle (MMPV) (D02902)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Hardware (GWOT)</b> FY 2009	BAE Systems Land Armaments Inc York, PA	C/FP 5(2)	TACOM, WARREN, MI	Jul 09	Jan 10	260	1250	N	NA	JAN 07

REMARKS: MMPV contract is a 5 year fixed price contract that was determined by competition. The first year of this contract (FY07) was awarded with funds from R68102 Ground Standoff Mine Detection System (GSTAMIDS) funding line.





**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Mine Protected Clearance Vehicle (MPCV) (D02903)

Program Elements for Code B Items:

Code:  
B

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				122						122
Gross Cost				176.6						176.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				176.6						176.6
Initial Spares										
Total Proc Cost				176.6						176.6
Flyaway U/C										
Weapon System Proc U/C				1.4						1.4

**Description:**

The Buffalo Mine Protected Clearance Vehicle (MPCV) is a six wheeled armored vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over. The MPCV system compliments the Medium Mine Protected Vehicle (MMPV) and Vehicle Mounted Mine Detection System (VMMD) to perform route clearance operations.

Training Aids, Devices, Simulations and Simulators (TADSS) are required to prepare engineer soldiers for Route Clearance Missions. This equipment allows soldiers to train in a controlled environment without a need for the actual Route Clearance Equipment.

**Justification:**

FY2009 Procures 122 MPCVs required to fill an urgent need for Operation Iraqi Freedom (OIF) and 3 sets of training simulators that allow soldiers to train prior to deployment.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: Mine Protected Clearance Vehicle (MPCV) (D02903)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Hardware Costs (GWOT)									146400	122	1200
TADSS (GWOT)									30156		
<b>Total:</b>									<b>176556</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: Mine Protected Clearance Vehicle (MPCV) (D02903)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Hardware Costs (GWOT)</b> FY 2009	Force Protection Inc Ladson SC	SS/FP 1(2)	TACOM, WARREN, MI	Jan 10	Jul 10	122	1200	N	NA	NA

REMARKS: The Buffalo contract is a sole source, 5 year, fixed priced, indefinite delivery, indefinite quantity (IDIQ) contract. The first year of this contract was awarded with FY07 funds from R68102 Ground Standoff Mine Detection System (GSTAMIDS) funding line. FY08 is the base contract year.





**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)

Program Elements for Code B Items:

Code:  
B

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				113						113
Gross Cost				203.4						203.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				203.4						203.4
Initial Spares										
Total Proc Cost				203.4						203.4
Flyaway U/C										
Weapon System Proc U/C				1.8						1.8

**Description:**

The Vehicle Mounted Mine Detector (VMMD) is a mine protected, vehicle mounted mine detection and proofing system which is capable of finding and marking metallic explosive hazards. A VMMD System consists of two mine detection vehicles and three detonation trailers. Early versions of the VMMD procured for Operational Needs Statement (ONS) consisted of a Meerkat and a Husky, while more recent procurements consist of two Husky vehicles. Both vehicles are a single occupant system designed for mine blast protection and rapid field reparability.

**Justification:**

FY2009 GWOT Request procures 113 VMMD Systems for an urgent need in Operation Iraqi Freedom (OIF).

The VMMD system is the only device that provides a mine and improvised explosive device (IED) detection capability on a blast survivable vehicle combined with a route width-proofing capability. The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including explosive (IEDs). These systems locate and neutralize explosive devices before they result in fatal or catastrophic injury to civilians and soldiers and can be used for ONS or Future Engineer Force (FEF) requirements.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)					Weapon System Type:	Date: February 2009			
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
VMMD Systems (GWOT)								203400	113	1800	
<b>Total:</b>								<b>203400</b>			

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>VMMD Systems (GWOT)</b> FY 2009	RSD Dorbyl Ltd South Africa	SS/FP5(3)	TACOM, Warren, MI	Sep 09	Mar 10	113	1800	N	NA	NA

REMARKS: VMMD contract is a sole source fixed price contract. The first year of this contract was awarded with FY07 funds from the Ground Standoff Mine Detection System (GSTAMIDS) R68400 SSN.





**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				24						24
Gross Cost				5.5						5.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				5.5						5.5
Initial Spares										
Total Proc Cost				5.5						5.5
Flyaway U/C										
Weapon System Proc U/C										

**Description:**

This family of vehicles contains the Truck Tractor, Line Haul, M915A5 Block ECP Improved Vehicle (M915A5), and the Truck, Tractor, Light Equipment Transporter (LET) (M916A3). These two tractors share common components, such as the cab, engine, and transmission. The M915A5 tows the M871 and M872 flatbed semitrailers, the M967 and M969 series 5000 gallon tankers, and the M1062 7500 gallon tanker. The M915A5 is a more expeditionary-ready thru increased safety, range and fuel efficiency, reliability, on-board diagnostics, service intervals and MANPRINT considerations than the previous models. These characteristics have the potential to substantially decrease the 2-level maintenance tasks, the maximum time to repair, and the quantity of tools required to conduct maintenance.

**Justification:**

FY 2009 Global War on Terrorism (GWOT) funds 24 M915A5 Block ECP Improved Vehicles to replace battle losses.

	OIF	OEF	Total
FY 2009 GWOT Requirement	\$ 3.329 Million	\$ 2.219 Million	\$ 5.548 Million
FY 2009 Bridge Enacted:	\$ 70.400 Million	\$39.600 Million	\$110.000 Million
FY 2009 Remaining GWOT Request:	\$ 73.729 Million	\$41.819 Million	\$115.548 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>FY 2009 Remaining GWOT Request</b>											
Trk, Tractor, Line Haul, M915 (D15900)									5548	24	231
<b>Total:</b>									<b>5548</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				24						24
Gross Cost				5.5						5.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				5.5						5.5
Initial Spares										
Total Proc Cost				5.5						5.5
Flyaway U/C										
Weapon System Proc U/C										

**Description:**

The M915A5 Block ECP Improved Vehicle is a 6x4 tractor procured as a Non-Developmental Item (NDI). These improved tractors and trucks increase the safety, range and fuel efficiency, reliability, on-board diagnostics, service intervals and MANPRINT considerations. These characteristics have the potential to substantially decrease the 2-level maintenance tasks, the maximum time to repair, and the quantity of tools required to conduct maintenance. It is found primarily in medium transportation companies and tows the M871 and M872 flatbed semitrailers, the M967 and M969 series 5000 gallon tankers, and the M1062 7500 gallon tanker. It transports breakbulk, containers, water and petroleum over primary and secondary roads. The M915A5, with a 2-inch kingpin and 120,000 Gross Combination Vehicle Weight (GCVW) capacity, is transportable by highway, rail, marine, and air modes worldwide.

**Justification:**

FY 2009 Global War on Terrorism (GWOT) funds 24 M915A5 Block ECP Improved Vehicles to replace battle losses.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2009 Remaining GWOT Request											
Block ECP Improved Veh											
M915 w/FRET		A						4800	24	200	
<b>H/W SUBTOTAL</b>								<b>4800</b>			
Engineering Change Proposals								83			
Documentation								100			
Government Testing								150			
Special Tools								155			
System Fieldings								260			
<b>PROG SUPPORT SUBTOTAL</b>								<b>748</b>			
<b>Total:</b>								<b>5548</b>			

### Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY 2009 Remaining GWOT Request</b> FY 2009	Daimler Trucks NA, LLC Portland, OR	CFPRQ10	TACOM, Warren, MI	Sep 09	Mar 10	24	200	YES	N/A	N/A

REMARKS:



<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)	Date: February 2009
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COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

Hardware M915 w/FRET																															
1	FY 09 GWOT	A	24	14	10	2	2	2	2	2																					0
Total						24	14	10	2	2	2	2	2																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Daimler Trucks NA, LLC, Portland, OR	8	100	400	3	1	Initial	0	3	6	9	
							Reorder	0	1	6	7	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1045						1045
Gross Cost				351.3						351.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				351.3						351.3
Initial Spares										
Total Proc Cost				351.3						351.3
Flyaway U/C										
Weapon System Proc U/C										

**Description:**

The Heavy Expanded Mobility Tactical Truck Extended Service Program (HEMTT-ESP) is a Vice Chief of Staff of the Army (VCSA) approved RECAP program and is critical to increasing HEMTT fleet readiness, reducing operation and support costs, and modernizing the fleet. HEMTT-ESP supports modularity by remanufacturing and upgrading existing HEMTT vehicles with insertion of new technologies to reduce the logistics burden and reduce life cycle costs. HEMTT-ESP fleet will be upgraded to the latest A4 configuration which is Long Term Armor Strategy (LTAS) compliant (i.e. B kit ballistic protection ready). HEMTT-ESP is an integral part in the modernization effort to support pure fleet fielding of LTAS compliant vehicles. Pure fleeting will also reduce the logistics footprint of units by having one configuration HEMTT in the unit. HEMTT LHS is an essential Combat Service Support (CSS) enabler in both the Stryker Brigade Combat Team (SBCT) and the Modular Brigades, providing C130 transportability and modular delivery of fuel, ammunition, and other classes of supply in forward areas. The ESP program reduces emissions, improves fuel economy, increases reliability, and improves safety and performance. These upgrades include a new electronically- controlled engine and transmission, bolt-together wheels, increased corrosion prevention and reliability, and 4-point seatbelts. This program produces a like-new vehicle with a full new vehicle warranty.

**Justification:**

FY 2009 Global War on Terrorism (GWOT) funds total qty 1045 HEMTT RECAP variants, HEMTT Tankers qty 372, HEMTT Wrecker qty 355, and HEMTT Load Handling System qty 318. Replacing battle losses, generating and protecting forces, and enhancing military capabilities.

	OIF	OEF	TOTAL
FY 2009 GWOT Requirement:	\$219.778 Million	\$146.518 Million	\$366.296 Million
FY 2009 Bridge Enacted:	\$ 9.000 Million	\$ 6.000 Million	\$ 15.000 Million
FY 2009 Remaining GWOT Request:	\$210.778 Million	\$140.518 Million	\$351.296 Million

<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>FY 2009 GWOT</b>											
1. Hardware All Body Types											
<b>Subtotal</b>											
2. FRET											
3. Engineering Changes											
4. Documentation											
5. Special Tools											
6. System Fielding Support											
<b>Subtotal</b>											
<b>Total:</b>											
									301062	1045	288
									<b>301062</b>		
									36127		
									4516		
									337		
									100		
									9154		
									<b>50234</b>		
									<b>351296</b>		

<b>Exhibit P-5a, Budget Procurement History and Planning</b>										Date: February 2009	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>1. Hardware All Body Types</b> FY 2009	Oshkosh Truck Corp. (OTC) Oshkosh, WI		SS/FFP/Y2	TACOM, Warren MI	Aug 09	Apr 10	1045	288	Y	N/A	N/A
REMARKS:											



<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)	Date: February 2009
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COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

1. Hardware All Body Types																													
1	FY 09 GWOT	A	1045	618	427	103	103	103	103	15																		0	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
Total			1045	618	427	103	103	103	103	15																			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	618	12	1	Initial	0	3	8	11	
							Reorder	0	1	8	9	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
HMMWV RECAPITALIZATION PROGRAM (DV0230)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				2490						2490
Gross Cost				178.4						178.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				178.4						178.4
Initial Spares										
Total Proc Cost				178.4						178.4
Flyaway U/C										
Weapon System Proc U/C				0.1						0.1

**Description:**

The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) Recapitalization (Recap) program recapitalizes vehicles and converts them from HMMWV M998A0/A1 to HMMWV M1097R1, and HMMWV M1025A0/A1 to HMMWV M1025R1. The HMMWV Recap program maintains the Army's investment in the Light Tactical Vehicle Fleet and supports the Army's modularity strategy. Reconfiguration of the HMMWV M998A0/A1 and M1025A0/A1 vehicles to the HMMWV M1097R1 and M1025R1 configuration results in a vehicle with improved reliability, maintainability, and greater capability. This recapitalization program will permit heavier payloads and modernize the fielded HMMWV fleet. The result of this recapitalization effort is a vehicle with an extended service life and additional payload capabilities. A UAH (Up-Armored HMMWV) Recap effort is being established as a part of the overall HMMWV Recap to support Global War on Terrorism (GWOT) vehicles by incorporating tech insertions, commonizing the UAH fleet, and upgrading vehicle components (frame rails, air-conditioning, on-board vehicle power, etc.).

**Justification:**

FY 2009 Global War on Terrorism (GWOT) funds a total of 2,490 vehicles to support Compo 1, Active Army.

\*\*FY 2009 Enacted Bridge not included in the above total.

	OIF	OEF	Total
FY 2009 GWOT Requirement:	\$0.000 Million	\$568.6 Million	\$568.6 Million
FY 2009 Bridge Enacted**:	\$0.000 Million	\$390.2 Million	\$390.2 Million
FY 2009 Remaining GWOT Request:	\$0.000 Million	\$178.4 Million	\$178.4 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: HMMWV RECAPITALIZATION PROGRAM (DV0230)					Weapon System Type:	Date: February 2009		
OPA1 Cost Elements	ID	FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>FY2009 Remaining GWOT Request</b>										
M1097R1								113614	1965	58
M1025R1								13861	225	62
UAH Recap								48253	300	161
Engineering Support - In-House								525		
Quality Assurance Support - In-House								325		
Fielding Support										
Basic Issue Items (BI)										
Kits (Troop Seats, Jacks, Seatbelts...)								375		
Project Management Support								1428		
<b>Total:</b>								<b>178381</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: HMMWV RECAPITALIZATION PROGRAM (DV0230)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY2009 Remaining GWOT Request</b>										
<b>M1097R1</b>										
FY 2009	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Aug 09	Jan 10	910	58	Y	NA	NA
FY 2009	Letterkenny Army Depot Chambersburg, PA	MIPR	TACOM, Warren, MI	Aug 09	Jan 10	980	58	Y	NA	NA
FY 2009	Maine Military Authority Limestone, ME	MIPR	MMA, Limestone, ME	Aug 09	Feb 10	75	58	Y	NA	NA
<b>M1025R1</b>										
FY 2009	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Aug 09	Jan 10	225	62	Y	NA	NA
<b>UAH Recap</b>										
FY 2009	Letterkenny Army Depot Chambersburg, PA	MIPR	TACOM, Warren, MI	Aug 09	Jan 10	150	161	Y	NA	NA
FY 2009	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Aug 09	Jan 10	150	161	Y	NA	NA

REMARKS:



**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
MODIFICATION OF IN SVC EQUIP (DA0924)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost				441.0						441.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				441.0						441.0
Initial Spares										
Total Proc Cost				441.0						441.0
Flyaway U/C										
Weapon System Proc U/C										

**Description:**

Equipment modifications increase safety and survivability of soldiers in the field and improve vehicle readiness and operability. Modifications support the hardware and application of armor and other technical improvements to meet critical survivability, performance and safety requirements for tactical vehicles, route clearance vehicles, force protection equipment, construction equipment, and boats that have already been fielded.

**Justification:**

FY2009 Global War on Terrorism funds crew enhancement and vehicle survivability through a variety of kits and modifications.

\*\*FY2009 Enacted Bridge not included in the above total.

	OIF	OEF	Total
FY2009 GWOT Requirement:	\$286.000 Million	\$170.000 Million	\$456.000 Million
FY2009 Bridge Enacted**:	\$ 9.000 Million	\$ 6.000 Million	\$ 15.000 Million
FY2009 Remaining GWOT Request:	\$277.000 Million	\$164.000 Million	\$441.000 Million

<b>Exhibit P-40M, Budget Item Justification Sheet</b>											Date: February 2009	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles						P-1 Item Nomenclature MODIFICATION OF IN SVC EQUIP (DA0924)						
Program Elements for Code B Items:								Code: A		Other Related Program Elements:		
Description			Fiscal Years									
OSIP No.	Classification	Prior Yrs.	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total	
Bar Armor (MPCV)												
0-00-00-0000		0.0	0.0	0.0	22.3	0.0	0.0	0.0	0.0	0.0	22.3	
Modernization (MPCV)												
0-00-00-0000		0.0	0.0	0.0	129.6	0.0	0.0	0.0	0.0	0.0	129.6	
Next Generation Armor (MPCV)												
0-00-00-0000		0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	8.7	
Objective Gunner Protection Kit - Long Term Armor												
0-00-00-0000		0.0	0.0	0.0	40.3	0.0	0.0	0.0	0.0	0.0	40.3	
ASV Enhancement Retrofits												
0-00-00-0000		0.0	0.0	0.0	240.1	0.0	0.0	0.0	0.0	0.0	240.1	
Totals		0.0	0.0	0.0	441.0	0.0	0.0	0.0	0.0	0.0	441.0	

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE: Bar Armor (MPCRV) [MOD 1] 0-00-00-0000

MODELS OF SYSTEM AFFECTED:

DESCRIPTION / JUSTIFICATION:

Includes additional force protection enhancements required for route clearance and EOD vehicles currently deployed in theater. Required enhancements are Bar Armor for 248 VMMD's, 120 Buffalo's, and 174 JERRVs. If not funded, these vehicles will operate with identified vulnerabilities against the known threat.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs												70	70	70	70	70	70	70	52	
Outputs													70	70	70	70	70	70	70	52

  

1	FY 2012			FY 2013				FY 2014				FY 2015				To Complete	Totals		
	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Inputs																			542
Outputs																			542

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 1 months PRODUCTION LEADTIME: 4 months  
 Contract Dates: FY 2008 - FY 2009 - Jul 09 FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - Oct 09 FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE (cont): Bar Armor (MPCRV) [MOD 1] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	Prior Yrs.		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
<b>RDT&amp;E</b>																					
<b>Procurement</b>																					
Kit Quantity							542	19.3												542	19.3
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
<b>Installation of Hardware</b>																					
FY 2006 & Prior Equip -- Kits																					
FY 2007 -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits							542	3.0												542	3.0
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
FY 2013 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	0	0.0	0	0.0	0	0.0	542	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	542	3.0	
Total Procurement Cost		0.0		0.0		0.0		22.3		0.0		0.0		0.0		0.0		0.0		0.0	22.3

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE: Modernization (MPCRV) [MOD 2] 0-00-00-0000

MODELS OF SYSTEM AFFECTED:

DESCRIPTION / JUSTIFICATION:

On order from TACOM Program Manager - Assured Mobility Systems continues to fund a Fleet Modernization Activity in Kuwait, for US Army and Marine Corp Route Clearance Vehicles (RCV) along with selected USMC and Army Mine Resistant Ambush Protected (MRAP) assets. Takes receipt of an initial quantity of RCVs and initiate fleet repair and modernization maintenance as directed. Success will be achieved by attaining a sustained production rate of 32 vehicles per month at the mid point of a three year effort with total fleet repair and modernization as the end state objective. This will accomplished with significant emphasis on personnel safety and focused accountability of all USG property and fiscal resources. Be prepared to support the modernization of SOCOM, USAF and USN MRAP type vehicles (Cougars). Be prepared to support CONUS based Joint Reset of RCVs.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Initial funding for effort provided in FY08.

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs											6	9	12	15	24	24	26	26	28	28	28
Outputs											6	9	12	15	15	24	24	26	26	28	28

  

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		226
Outputs	28																	226

METHOD OF IMPLEMENTATION: MIPR ADMINISTRATIVE LEADTIME: 1 months PRODUCTION LEADTIME: 3 months

Contract Dates: FY 2008 - FY 2009 - Jul 09 FY 2010 -

Delivery Dates: FY 2008 - FY 2009 - Oct 09 FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE (cont): Modernization (MPCRV) [MOD 2] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	Prior Yrs.		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
<b>RDT&amp;E</b>																					
<b>Procurement</b>																					
Kit Quantity							226	10.0											226	10.0	
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
<b>Installation of Hardware</b>																					
FY 2006 & Prior Equip -- Kits																					
FY 2007 -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits							226	119.6											226	119.6	
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
FY 2013 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	0	0.0	0	0.0	0	0.0	226	119.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	226	119.6	
Total Procurement Cost		0.0		0.0		0.0		129.6		0.0		0.0		0.0		0.0		0.0		0.0	129.6

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE: Next Generation Armor (MPCRV) [MOD 3] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Mine Protected Route Clearance Vehicles

**DESCRIPTION / JUSTIFICATION:**

There is a requirement to increase protection levels for the Medium Mine Protected Vehicles (MMPV). The next generation armor combined with the current configuration will provide enhanced force protection levels for our service members. This armor package will be applied to approximately 97 MMPV systems.

**DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):**

**Installation Schedule**

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs												14	14	14	14	14	14	13		
Outputs													14	14	14	14	14	14	13	

  

1	2	3	4	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs																						97
Outputs																						97

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 1 months PRODUCTION LEADTIME: 4 months  
 Contract Dates: FY 2008 - FY 2009 - Jul 09 FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - Oct 09 FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE (cont): Next Generation Armor (MPCRV) [MOD 3] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	Prior Yrs.		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
<b>RDT&amp;E</b>																					
<b>Procurement</b>																					
Kit Quantity							97	7.7											97	7.7	
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
<b>Installation of Hardware</b>																					
FY 2006 & Prior Equip -- Kits																					
FY 2007 -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits							97	1.0											97	1.0	
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
FY 2013 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	0	0.0	0	0.0	0	0.0	97	1.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	97	1.0	
Total Procurement Cost		0.0		0.0		0.0		8.7		0.0		0.0		0.0		0.0		0.0		8.7	

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE: Objective Gunner Protection Kit - Long Term Armor [MOD 4] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: HEMTT A4 and FMTV A1P2

**DESCRIPTION / JUSTIFICATION:**

Includes additional force protection enhancement required for HEMTT A4 and FMTV A1P2 B-kitted vehicles deploying to Theater. Required enhancements are Weapon Station Interface Rings, Weapon Station Rings, and Objective Gunner's Protection Kits for 1,663 vehicles. If not funded, these systems will be deployed without crew served weapon and enhanced situational awareness capabilities currently available to HEMTT and FMTV AoA equipped systems.

**DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):**

Development and design proof testing complete.

**Installation Schedule**

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Totals</b>															332	333	332	333	333	
Inputs																				
Outputs																				

  

FY 2012	FY 2013				FY 2014				FY 2015				To Complete	Totals						
	1	2	3	4	1	2	3	4	1	2	3	4								
Inputs																				
Outputs																				1663

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - Aug 09 FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - Feb 10 FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE (cont): Objective Gunner Protection Kit - Long Term Armor [MOD 4] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	Prior Yrs.		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
<b>RDT&amp;E</b>																				
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits							1663	32.2											1663	32.2
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits							1663	8.1											1663	8.1
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	1663	8.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1663	8.1
Total Procurement Cost		0.0		0.0		0.0		40.3		0.0		0.0		0.0		0.0		0.0		40.3

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE: ASV Enhancement Retrofits [MOD 5] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: All fielded ASVs

**DESCRIPTION / JUSTIFICATION:**

The ASV retrofit of enhancements will be applied to M1117's that have been fielded including those deployed in support of Operation Iraqi Freedom and Operation Enduring Freedom. Enhancements include the Mine Blast Seat Improvement and Thermal Night Sights. Total Requirement is 1800 retrofits.

**DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):**

Enhancements were developed in response to Theater incidents and ONS requirements. They will reduce operating and support costs and improve vehicle readiness. The mine blast seat improvement is currently in testing. Upon successful test completion, kits will be procured and vehicles retrofitted. The Thermal Night Sight is being designed with follow on testing and subsequent contract award to follow. Enhancements will be incorporated into new vehicle production. Retrofit kits for vehicles produced prior to that point will be up-graded with these solutions.

**Installation Schedule**

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals														300	300	300	300	300		
Inputs																				
Outputs																				

  

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		1500
Outputs																		

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 1 months PRODUCTION LEADTIME: 3 months  
 Contract Dates: FY 2008 - FY 2009 - Aug 09 FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - Dec 09 FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2009

MODIFICATION TITLE (cont): ASV Enhancement Retrofits [MOD 5] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	Prior Yrs.		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
<b>RDT&amp;E</b>																				
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits							1800	192.1											1800	192.1
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits							1800	48.0											1800	48.0
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	1800	48.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1800	48.0
Total Procurement Cost		0.0		0.0		0.0		240.1		0.0		0.0		0.0		0.0		0.0		240.1

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
HEAVY ARMORED SEDAN (D22100)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				10						10
Gross Cost				1.7						1.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				1.7						1.7
Initial Spares										
Total Proc Cost				1.7						1.7
Flyaway U/C										
Weapon System Proc U/C				0.2						0.2

**Description:**

These physical security vehicles are specialized commercial design vehicles that are armored to meet specific threat conditions within the guidelines/requirements established by the Office of the Secretary of Defense, Special Operations and Low Intensity Conflict (SOLIC) for Heavy Armored Vehicles (HAV). These vehicles provide inconspicuous protection and transportation for U.S. personnel and cargo in high threat areas, such as Europe, Korea, and Southwest Asia. The level of armor is in accordance with the nature and type of threat in the area of use. These vehicles are heavy duty passenger vehicles and are utilized by General Officers, dignitaries, embassy personnel, and other servicemen requiring protection. These vehicles are essential for protecting lives.

**Justification:**

FY 2009 Global War on Terrorism (GWOT) funds ten Heavy Armored Vehicles to meet replacement requirements in Southwest Asia. Procuring the vehicles will ensure U.S. Army personnel have safe and reliable armored vehicle transportation.

	OIF	OEF	Total
FY 2009 GWOT Request:	\$0.000 Million	\$1.700 Million	\$1.700 Million
FY 2009 Bridge Enacted:	\$0.000 Million	\$0.000 Million	\$0.000 Million
FY 2009 Remaining GWOT Request:	\$0.000 Million	\$1.700 Million	\$1.700 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: HEAVY ARMORED SEDAN (D22100)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>FY 2009 GWOT Request</b>											
Heavy Armored Sport Utility Vehicle		A							1700	10	170
<b>Total:</b>									<b>1700</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: HEAVY ARMORED SEDAN (D22100)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY 2009 GWOT Request</b> <b>Heavy Armored Sport Utility Vehicle</b> FY 2009	TBS	Other/FP	TACOM, Warren, MI	Oct 09	Feb 10	10	170	Yes	NA	NA

REMARKS: Explanation for "Other" contract method: The contract method will be competitive, unless urgency dictates a quicker contracting method, such as sole source or limited source, from contractors that have recent experience producing Heavy Armored Sport Utility vehicles for the Army.



**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
PASSENGER CARRYING VEHICLES (D23000)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				99						99
Gross Cost				8.4						8.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				8.4						8.4
Initial Spares										
Total Proc Cost				8.4						8.4
Flyaway U/C										
Weapon System Proc U/C				0.1						0.1

**Description:**

Vehicles are of commercial design, intended to provide transportation for Army personnel and family members. Passenger Carrying Vehicles are procurable from commercial vendors, Original Equipment Manufacturers (OEM), and after-market sources. Examples include sedans, ambulances, buses, station wagons, and hearses. Sedans are used for investigation, field intelligence, and security. Ambulances are essential and life saving vehicles. Light Armored Vehicles (LAV) are specialized commercial vehicles which include sedans, sport utility vehicles, vans, and cargo trucks. LAVs are used to provide inconspicuous protection for high level personnel who might be seen as terrorist targets. LAVs are being used to support operations in Southwest Asia (e.g. Kuwait, Saudi Arabia, Qatar, Afghanistan, and Iraq) and are also used in South America and Korea.

**Justification:**

FY 2009 Global War on Terrorism (GWOT) funds 99 Passenger Carrying Vehicles. Requirements include 30 light armored vehicles (LAV) for replacement of 5 LAV in Southwest Asia and 25 LAV in South America. Procuring the vehicles will ensure U.S. Army personnel have safe and reliable armored vehicle transportation. Additional requirements are for 59 wheelchair accessible buses for transporting wounded soldiers to appointments, and 10 police-type large sedans for training drivers in evasive driving tactics before deploying to Southwest Asia.

\$8.350 Million total includes \$3.900 Million for GWOT requirements in South America.

	OIF	OEF	Total
FY 2009 GWOT Request:	\$4.130 Million	\$0.320 Million	\$8.350 Million
FY 2009 Bridge Enacted:	\$0.000 Million	\$0.000 Million	\$0.000 Million
FY 2009 Remaining GWOT Request:	\$4.130 Million	\$0.320 Million	\$8.350 Million

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: PASSENGER CARRYING VEHICLES (D23000)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>FY 2009 GWOT Request</b>											
Light Armored Vehicle (LAV)								4700	30		157
Bus, 12 Passenger, Wheelchair								3250	59		55
Auto, Sedan, Large (Police Type)								400	10		40
<b>Total:</b>								<b>8350</b>			

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: PASSENGER CARRYING VEHICLES (D23000)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY 2009 GWOT Request</b> <b>Light Armored Vehicle (LAV)</b> FY 2009	TBS TBS	C/FP	TACOM, Warren, MI	Nov 09	Mar 10	30	157	No	N/A	N/A
<b>Bus, 12 Passenger, Wheelchair</b> FY 2009	TBS TBS	MIPR/FP	GSA, Arlington, VA	Oct 09	Mar 10	59	55	No	N/A	N/A
<b>Auto, Sedan, Large (Police Type)</b> FY 2009	TBS TBS	MIPR/FP	GSA, Arlington, VA	Oct 09	Feb 10	10	40	No	N/A	N/A

REMARKS:



**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
NonTactical Vehicles, Other (D30000)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1						1
Gross Cost				0.1						0.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				0.1						0.1
Initial Spares										
Total Proc Cost				0.1						0.1
Flyaway U/C										
Weapon System Proc U/C				0.1						0.1

**Description:**

This line is a roll-up of Special Purpose Vehicles, General Purpose Vehicles, and the Personnel Carrying Semi-Trailer Vans. Special and General Purpose vehicles are used in the direct support of facility engineering, maintenance activities, and for general administrative use in transporting personnel and cargo. Personnel Carrying Semi-Trailer Vans are used for transporting U.S. Military personnel and their equipment to training sites. All vehicles are procurable from commercial sources.

**Justification:**

FY 2009 Global War on Terrorism (GWOT) funds one General Purpose Vehicles to support GWOT operations.

	OIF	OEF	Total
FY 2009 GWOT Request:	\$0.050 Million	\$0.000 Million	\$0.050 Million
FY 2009 Bridge Enacted:	\$0.000 Million	\$0.000 Million	\$0.000 Million
FY 2009 Remaining GWOT Request:	\$0.050 Million	\$0.000 Million	\$0.050 Million

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2009

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
GENERAL PURPOSE VEHICLES (DV0013)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1						1
Gross Cost				0.1						0.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				0.1						0.1
Initial Spares										
Total Proc Cost				0.1						0.1
Flyaway U/C										
Weapon System Proc U/C				0.1						0.1

**Description:**

Vehicles are of commercial design, intended primarily for general administrative use in transporting personnel and cargo. Most vehicles are procurable from commercial production lines and include light to heavy trucks, such as carryalls, panel trucks, stake trucks, cargo trucks, trailers, semi-trailers, utility trucks, fuel servicing tankers, truck tractors, and flatbeds. Additional examples of General Purpose Vehicles include a mobile air sampling lab van, which is being used to support operations in Iraq; command center vehicles; blood mobile vehicles, which are used for collecting blood; and expandable semi-trailers used for recruiting purposes. These types of vehicles are procured from specialized vendors.

**Justification:**

FY 2009 Global War on Terrorism (GWOT) funds one General Purpose Vehicle for transporting communications equipment in Southwest Asia.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: GENERAL PURPOSE VEHICLES (DV0013)			Weapon System Type:		Date: February 2009	
<b>OPA1 Cost Elements</b>		ID	<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>FY 2009 GWOT Request</b>											
Truck, Cargo, 2.5 Ton									50	1	50
<b>Total:</b>									<b>50</b>		

### Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2009

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: GENERAL PURPOSE VEHICLES (DV0013)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>FY 2009 GWOT Request</b> <b>Truck, Cargo, 2.5 Ton</b> FY 2009	TBS TBS	MIPR/FP	Camp Arifjan, Kuwait	Oct 09	Jan 10	1	50	No	N/A	N/A

REMARKS:

