

DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book
Fiscal Year (FY) 2006/FY 2007 Budget Estimates

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

February 2005

UNCLASSIFIED

DEPARTMENT OF THE ARMY
FY 2006 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 2035A OTHER PROCUREMENT, ARMY

DATE: FEB 2005

LINE NO	ITEM NOMENCLATURE	IDENT CODE	MILLIONS OF DOLLARS				S E C	
			FY 2004 QUANTITY	FY 2004 COST	FY 2005 QUANTITY	FY 2005 COST		FY 2006 QUANTITY
BUDGET ACTIVITY 01: TACTICAL AND SUPPORT VEHICLES								
TACTICAL VEHICLES								
1	TACTICAL TRAILERS/DOLLY SETS	A		17.8		9.6	15.9	U
2	SEMITRAILERS, FLATBED	A		29.3		9.2	6.0	U
3	SEMITRAILERS, TANKERS	A		11.2		.7	6.3	U
4	HI MOB MULTI-PURP WHLD VEH (HMMWV)			1,338.4		432.9	224.2	U
5	TRUCK, DUMP, 20T (CCE)					3.2		U
6	FAMILY OF MEDIUM TACTICAL VEH (FMTV)			324.7		593.6	449.6	U
7	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN			25.3		13.5	7.5	U
8	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)			218.8		207.6	207.1	U
9	ARMORED SECURITY VEHICLES (ASV)			41.5		4.8		U
10	MINE PROTECTION VEHICLE FAMILY	A		1.7				U
11	TRUCK, TRACTOR, LINE HAUL, M915/M916			41.1		30.2	17.1	U
12	TRUCK, TRACTOR, YARD TYPE, M878 (C/S)	A		4.4				U
13	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV P			24.7		19.1	40.7	U
14	HMMWV RECAPITALIZATION PROGRAM						32.8	U
15	MODIFICATION OF IN SVC EQUIP			820.4		25.7	11.7	U
16	ITEMS LESS THAN \$5.0M (TAC VEH)			.2		.2	.4	U
17	TOWING DEVICE-FIFTH WHEEL			1.9		1.9	2.0	U
NON-TACTICAL VEHICLES								
18	HEAVY ARMORED SEDAN			.5		.2	2.9	U
19	PASSENGER CARRYING VEHICLES			.3		.2	.3	U

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DEPARTMENT OF THE ARMY
FY 2006 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 2035A OTHER PROCUREMENT, ARMY

DATE: FEB 2005

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2004		FY 2005		FY 2006		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
20	NONTACTICAL VEHICLES, OTHER	A		.7		.2		.4	U
				-----		-----		-----	
	TOTAL TACTICAL AND SUPPORT VEHICLES			2,902.9		1,352.9		1,024.8	

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Table of Contents - Other Procurement, Army

BLIN	SSN	Nomenclature	Page
1	DA0100	TACTICAL TRAILERS/DOLLY SETS	1
2	D01001	Semitrailers, Flatbed:	13
3	D02001	Semitrailers, tankers	26
4	D15400	HI MOB MULTI-PURP WHLD VEH (HMMWV)	34
6	D15500	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	48
7	D15800	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	54
8	DA0500	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	63
9	D02800	ARMORED SECURITY VEHICLES (ASV)	88
10	D02903	CASSPIR	93
11	DA0600	TRUCK, TRACTOR, LINE HAUL, M915/M916	94
12	D16000	TRUCK, TRACTOR, YARD TYPE, M878 (C/S)	108
13	DV0021	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG	109
14	DV0230	HMMWV RECAPITALIZATION PROGRAM	115
15	DA0924	MODIFICATION OF IN SVC EQUIP	119
16	DL5110	ITEMS LESS THAN \$5.0M (TAC VEH)	151
17	D09900	TOWING DEVICE-FIFTH WHEEL	154
18	D22100	HEAVY ARMORED SEDAN	155
19	D23000	PASSENGER CARRYING VEHICLES	156
20	D30000	NonTactical Vehicles, Other	157

Alphabetic Listing - Other Procurement, Army

Nomenclature	SSN	BLIN	Page
ARMORED SECURITY VEHICLES (ASV)	D02800	9	88
CASSPIR	D02903	10	93
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	DA0500	8	63
FAMILY OF MEDIUM TACTICAL VEH (FMTV)	D15500	6	48
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	D15800	7	54
HEAVY ARMORED SEDAN	D22100	18	155
HI MOB MULTI-PURP WHLD VEH (HMMWV)	D15400	4	34
HMMWV RECAPITALIZATION PROGRAM	DV0230	14	115
HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG	DV0021	13	109
ITEMS LESS THAN \$5.0M (TAC VEH)	DL5110	16	151
MODIFICATION OF IN SVC EQUIP	DA0924	15	119
NonTactical Vehicles, Other	D30000	20	157
PASSENGER CARRYING VEHICLES	D23000	19	156
Semitrailers, Flatbed:	D01001	2	13
Semitrailers, tankers	D02001	3	26
TACTICAL TRAILERS/DOLLY SETS	DA0100	1	1
TOWING DEVICE-FIFTH WHEEL	D09900	17	154
TRUCK, TRACTOR, LINE HAUL, M915/M916	DA0600	11	94
TRUCK, TRACTOR, YARD TYPE, M878 (C/S)	D16000	12	108

Exhibit P-1M, Procurement Programs - Modification Summary

<u>System/Modification</u>	<u>2004 & Prior</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>To Complete</u>	<u>Total Program</u>
MODIFICATION OF IN SVC EQUIP (DA0924)										
HMMWV 3-PT Seatbelt	34.0	7.2	2.0							43.2
M939 Tire Improvement	51.1								4.8	55.8
M939 Anti-Lock Brake System (ABS)	59.8								5.6	65.4
HEMTT Wheel Modification	104.3	17.2								121.4
A8020 Fuel Injection Test Stand Upgrade	7.0									7.0
Aluminum Mesh Liner	11.0									11.0
M872 Modification Hardware	14.7									14.7
HEMTT/PLS 4-Point Seatbelt	1.3									1.1
PLS Trailer Wheel Modification	3.5									2.8
HMMWV 3PT Seatbelts-M996 Mini Ambulance	0.1									0.1
HMMWV 3PT Seatbelts-M997 Maxi Ambulance	0.8									0.8
High Mobility Trailer MWOs	3.0		2.2							3.7
HMMWV Maxi-Ambulance A/C Upgrade		1.4								1.4
Fuel Tank Insertion Safety Foam	1.4									1.4
M915 FOV Electrical Upgrade	3.3									2.2
HMMWV Engine Modernization Effort			7.5	2.5	10.7	10.5	38.2	38.4	103.7	211.4
HMMWV Armor Kits	303.1									303.1
Heavy Truck Armor Kits	252.6									252.6
HMMWV Rear Differnetial Oil Cooler	5.5									5.5
Medium Truck Armor Kits	55.0									55.0
Fuel Tanker Armor Kits	4.1									4.1
Total	915.5	25.7	11.7	2.5	10.7	10.5	38.2	38.4	114.1	1163.8
Grand Total	915.5	25.7	11.7	2.5	10.7	10.5	38.2	38.4	114.1	1163.8

OTHER PROCUREMENT, ARMY
Tactical and Support Vehicles

PERFORMANCE METRICS

Performance metrics used in the preparation of this Justification Book may be found in the FY06 Army Performance Budget Justification Book, dated 18 February 2005.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
TACTICAL TRAILERS/DOLLY SETS (DA0100)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty												
Gross Cost	361.6	9.7	17.8	9.6	15.9	7.1	6.5	5.7	2.5	2.5		438.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	361.6	9.7	17.8	9.6	15.9	7.1	6.5	5.7	2.5	2.5		438.8
Initial Spares												
Total Proc Cost	361.6	9.7	17.8	9.6	15.9	7.1	6.5	5.7	2.5	2.5		438.8
Flyaway U/C												
Wpn Sys Proc U/C												

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:

FY2006/FY2007 procures a total of 1842 LTTs. The Light Tactical Trailer is the companion trailer for the HMMWV.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HEAVY, EXPANDED MOBILITY (D05700)		A	8513	95										
LIGHT TACTICAL TRAILER (D06700)			9330	735		9598	901		15867	1354		7079	488	
Total			17843			9598			15867			7079		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army /1/Tactical and support vehicles	P-1 Item Nomenclature TRAILER, HEAVY, EXPANDED MOBILITY (D05700)
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Program Elements for Code B Items:	Code:	Other Related Program Elements:
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	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	1777	137	95									2009
Gross Cost	53.5	9.7	8.5									71.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	53.5	9.7	8.5									71.7
Initial Spares												
Total Proc Cost	53.5	9.7	8.5									71.7
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Heavy Expanded Mobility Ammunition Trailer (HEMAT) is an 11-Ton, 4-wheel, "wagon-configuration" trailer specifically designed for operation in rough terrain. The HEMAT provides tactical ammunition and fuel resupply for Army combat vehicles (general ammunition pallets), missile systems (Multiple Launch Rocket System), rotary-wing aircraft (Hellfire Missiles) and 500 gallon fuel (bladders). The designated prime mover for HEMAT is the M977 Series Heavy Expanded-Mobility Tactical Truck (HEMTT). The trailer is strategically transportable by C-130 through C-5 airframes, marine and amphibious vessels and rail.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/Budget Activity/Serial No. Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRAILER, HEAVY, EXPANDED MOBILITY (D05700)			Weapon System Type:			Date: February 2005			
OPA1 Cost Elements		ID	FY 04			FY 05			FY 06			FY 07		
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. HEMAT Trailer Hardware			6146	95	65									
2. Federal Retail Excise Tax			738											
SubTotal			6884											
3. System Fielding Support			150											
4. PM Support-Engineering			300											
5. PM Support-Government			963											
6. PM Support-Contractor			216											
Total			8513											

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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

Weapon System Type:

P-1 Line Item Nomenclature:
TRAILER, HEAVY, EXPANDED MOBILITY (D05700)

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. HEMAT Trailer Hardware FY 2004	Systems & Electronics, Inc. St. Louis, MO	FFP/Opt	TACOM, Warren, MI	Dec 03	Oct 04	95	65	Yes	N/A	N/A

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army /1/Tactical and support vehicles	P-1 Item Nomenclature LIGHT TACTICAL TRAILER (D06700)
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Program Elements for Code B Items:	Code:	Other Related Program Elements:
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	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	5212		735	901	1354	488	515	425	233	254		10117
Gross Cost	60.2		9.3	9.6	15.9	7.1	6.5	5.7	2.5	2.5		119.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	60.2		9.3	9.6	15.9	7.1	6.5	5.7	2.5	2.5		119.2
Initial Spares												
Total Proc Cost	60.2		9.3	9.6	15.9	7.1	6.5	5.7	2.5	2.5		119.2
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Light Tactical Trailer (LTT) is the companion trailer for the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The LTT is compatible with both the light and heavy HMMWV. HMMWV variants require a LTT Family of Trailers (light, heavy and heavy chassis) which maximize the HMMWV's towing capabilities. Current procurements of the LTT will have a steel draw bar and an improved brake actuator. The LTT replaces overage and overmileage M101 series trailers. The LTT has been fielded to the Army's First Digitized Division, the Stryker Brigade Combat Teams (SBCT)(1-4) and is used by the Special Operations Command.

Justification:

FY 2006/FY 2007 procures 1842 LTTs as the Army's interim light tactical trailer. The LTT replaces over-aged trailers as the principle LTT to the HMMWV and the platform for numerous Army programs such as the Joint Surveillance Target Attack Radar Systems, Trojan Spirit, Integrated System Control, Explosive Ordnance Disposal, Joint Tactical Unmanned Aerial Vehicle, and Robotic Sensors. The FY 2006 procurement supports fielding to SBCT (5-6) and Data Interchange customers in addition to requirements on the Army approved distribution list that includes an aggressive modularity requirement.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID	FY 04			FY 05			FY 06			FY 07		
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. LTT Trailer Hardware			5202	735	8	7000	901	8	10182	1354	8	3719	488	8
2. Engineering Changes			200			200			305			112		
3. Government Testing			1368			100			200			150		
4. Engineering Support - In-House			1200			1000			2043			850		
5. Documentation			100			50								
6. Fielding Support			110			148			2213			1700		
7. Projec Management Support-Government			400			1000			675			198		
8. Project Managemen Support-Contractor			750			100			249			350		
Total			9330			9598			15867			7079		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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 \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. LTT Trailer Hardware										
FY 2004	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(1)	TACOM, Warren, MI	Mar 04	Sep 04	577	8	Yes	Sep 03	Oct 03
FY 2004	Schutt Industries Clintonville, WI	C/REQ2(2)	TACOM, Warren, MI	Feb 04	Dec 04	104	8	Yes	Nov 02	Nov 02
FY 2004	Schutt Industries Clintonville, WI	C/REQ2(2)	TACOM, Warren, MI	Nov 04	May 05	54	8	Yes	Nov 02	Nov 02
FY 2005	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(2)	TACOM, Warren, MI	Mar 05	Sep 05	901	8			
FY 2006	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(3)	TACOM, Warren, MI	Jan 06	Jul 06	1354	8			
FY 2007	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(4)	TACOM, Warren, MI	Jan 07	Jul 07	488	8			

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	18498	701	575	136	99	93	216	346	65	65		20794
Gross Cost	332.9	30.2	29.3	9.2	6.0	5.0	10.2	16.9	3.3	3.3		446.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	332.9	30.2	29.3	9.2	6.0	5.0	10.2	16.9	3.3	3.3		446.5
Initial Spares												
Total Proc Cost	332.9	30.2	29.3	9.2	6.0	5.0	10.2	16.9	3.3	3.3		446.5
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

1. The M870A3 semi-trailer lowbed is a 40-ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on primary, secondary, and trail profiles. The semi-trailer 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 semi-trailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly.
2. The M871A3 semi-trailer 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 are the primary means of distributing containers and bulk cargo.
3. The M872A4 semi-trailer is a 34-ton, dual purpose, break bulk/container transporter. The semi-trailer 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 2006/FY 2007 procures a total of 192 semi-trailers, 165 M871A3s and 27 M872A4s. The M871A3s being procured correct problems of the previous models currently fielded such as load height bridge clearance and mating with the Family of Medium Tactical Vehicles (FMTVs). Procurement of M872A4s support new unit activations, modernizes the fleet and improves the overall operational readiness rate of the M872 series fleet. Funding will support Program Management costs on the M870A3 semi-trailer program.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Semitrl LB 40T M870A1/A3 (D00700)			1061			1531	11		582			433		
Semitrl FB BB 22 1/2T M871A3 (D01500)			19889	575		5931	125		4089	85		3801	80	
Semitrl FB BB/Cont 34T M872A4 (D01600)			8360			1744			1378	14		815	13	
Total			29310			9206			6049			5049		

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	2001			11								2012
Gross Cost	45.7	0.9	1.1	1.5	0.6	0.4						50.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	45.7	0.9	1.1	1.5	0.6	0.4						50.2
Initial Spares												
Total Proc Cost	45.7	0.9	1.1	1.5	0.6	0.4						50.2
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The M870A3 semi-trailer lowbed is a 40-ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on primary, secondary, and trail profiles. The semi-trailer 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 semi-trailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly. The M870A3 was type classified and Full Material Release was approved August 2004.

Justification:

FY 2006/FY 2007 provides funding for Program Management support costs on the M870A3 semi-trailer program.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
SEMITRAILER FB BB/CONT TRANS 22 1/2 T (D01500)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	6386	440	575	125	85	80	201	207	65	65		8229
Gross Cost	117.9	13.9	19.9	5.9	4.1	3.8	9.3	10.2	3.3	3.3		191.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	117.9	13.9	19.9	5.9	4.1	3.8	9.3	10.2	3.3	3.3		191.7
Initial Spares												
Total Proc Cost	117.9	13.9	19.9	5.9	4.1	3.8	9.3	10.2	3.3	3.3		191.7
Flyaway U/C												
Wpn Sys Proc U/C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1		

Description:

The M871A3 semi-trailer, drop deck/break bulk (DD/BB) container transporter, 22-1/2 ton, is a tactical, dual purpose, bulk and container transporter. The M871A3 model is the authorized worldwide transporter of International Organization for Standardization (ISO) containers within the military logistics system. The M871A3 is also the primary transporter of the 3,000-gallon Reverse Osmosis Water Purification Unit (ROWPU) and the Laundry Advanced System (LADS). The A3 model corrects the problems from the previously fielded models with improved load height bridge clearance and mating with the Family of Medium Tactical Vehicles (FMTV). The prime movers are the 5-Ton truck (M939/809) FMTV and line haul tractors.

Justification:

FY 2006/FY 2007 procures 165 M871A3 semi-trailers. The M871A3 is used on line-haul missions as the primary transporter of ISO containers, bulk cargo, the ROWPU, and LADS.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/Budget Activity/Serial No. Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: SEMITRAILER FB BB/CONT TRANS 22 1/2 T (D01500)			Weapon System Type:			Date: February 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle			16335	575	28	4074	125	33	2813	85	33	2659	80	33
2. Federal Retail Excise Tax			2227			444			307			290		
Sub Total			18562			4518			3120			2949		
5. Program Management			1095			1143			801			701		
6. System Fielding			231			270			168			151		
Total			19888			5931			4089			3801		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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 TRANS 22 1/2 T (D01500)

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Vehicle										
FY 2004	Fontaine Trailer Co. Princeton, Kentucky	C/FP	TACOM, Warren, MI	Jan 04	Jun 05	179	28	Yes	N/A	N/A
FY 2004	Fontaine Trailer Co. Princeton, Kentucky	C/FP	TACOM, Warren, MI	Nov 04	Jun 05	396	28	Yes	N/A	N/A
FY 2005	Fontaine Trailer Co. Princeton, Kentucky	C/FP	TACOM, Warren, MI	Feb 05	Mar 06	125	33	Yes	N/A	N/A
FY 2006	TBS	TBS	TACOM, Warren, MI	Dec 05	May 06	85	33	Yes	N/A	N/A
FY 2007	TBS	TBS	TACOM, Warren, MI	Dec 06	May 07	80	33	Yes	N/A	N/A

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	10105	289			14	13	15	139				10575
Gross Cost	169.4	14.2	8.4	1.7	1.4	0.8	0.9	6.7				203.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	169.4	14.2	8.4	1.7	1.4	0.8	0.9	6.7				203.5
Initial Spares												
Total Proc Cost	169.4	14.2	8.4	1.7	1.4	0.8	0.9	6.7				203.5
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The M872A4 semi-trailer is a dual purpose, break bulk/container transporter, 40-foot with a maximum payload of 68,000 pounds over primary and improved secondary roads. The prime mover is the M915 series 6 x 4 line haul tractor. The M872A4 is a commercially adapted semi-trailer that transports a single 40-foot or two 20-foot International Organization for Standardization (ISO) containers, palletized cargo, light combat and tactical vehicles.

Justification:

FY 2006/FY 2007 procures 27 M872A4 semi-trailers to support newly formed Army National Guard Medium Transportation Companies.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle								505	14	37	471	13	36	
2. Federal Retail Excise Tax								69			71			
Sub Total								574			542			
3. Testing			1747											
5. Program Management			2221		1050									
6. System Fielding			187		694			804			273			
7. Engineering Change Proposals (ECPs)			1205											
8. Modifications			3000											
Total			8360		1744			1378			815			

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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 Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Vehicle										
FY 2006	Talbert Manufacturing, Inc. Rensselaer, Indiana	C/FP	TACOM, Warren, MI	Nov 05	Feb 06	14	37	Yes	N/A	N/A
FY 2007	Talbert Manufacturing, Inc. Rensselaer, Indiana	C/FP	TACOM, Warren, MI	Nov 06	Feb 07	13	36	Yes	N/A	N/A

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army /1/Tactical and support vehicles	P-1 Item Nomenclature Semitrailers, tankers (D02001)
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Program Elements for Code B Items:	Code:	Other Related Program Elements:
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	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	4421	72	90		39	59	15	132				4828
Gross Cost	325.4	10.5	11.2	0.7	6.3	13.0	2.6	22.8				392.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	325.4	10.5	11.2	0.7	6.3	13.0	2.6	22.8				392.5
Initial Spares												
Total Proc Cost	325.4	10.5	11.2	0.7	6.3	13.0	2.6	22.8				392.5
Flyaway U/C												
Wpn Sys Proc U/C			0.1		0.2	0.2	0.2	0.2				

Description:

This budget line procures two different types of 5000-Gallon Semi-Trailers, the M967A2 Bulkhauler and the M969A3 Automotive Refueler. They share the same production line and have common components. Semi-Trailers 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 Semi-Trailers are air transportable and are designed to be towed by a truck tractor equipped with a fifth wheel. The authorized prime movers for the highway and cross-country include the 5-Ton Truck Tractor and the Family of Medium Tactical Vehicles (FMTV) Tractor.

Justification:

FY2006/FY2007 procures 98 M969A3 Automotive Refuelers. The Semi-trailer tankers are critical to the Global War on Terrorism (GWOT). Fielding plans for both the M967 and M969 have been changed to accommodate the new Army directives that include pure fleetings of Army Preposition Stock (APS), force modularity, as well as meeting the demands of deployments in support of Operation Iraqi Freedom (OIF).

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Semitrl Tank 5000G Automotive (D02306)			11150	90		664			6287	39		13019	59	
Total			11150			664			6287			13019		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army /1/Tactical and support vehicles	P-1 Item Nomenclature SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)
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Program Elements for Code B Items:	Code:	Other Related Program Elements:
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	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	2263		90		39	59	15	132				2598
Gross Cost	173.9	10.5	11.2	0.7	6.3	13.0	2.6	22.8				240.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	173.9	10.5	11.2	0.7	6.3	13.0	2.6	22.8				240.9
Initial Spares												
Total Proc Cost	173.9	10.5	11.2	0.7	6.3	13.0	2.6	22.8				240.9
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The M969A3 5000-Gallon Fuel Tanker Semi-Trailer 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, Petroleum, assigned to Quartermasters Battalion. 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. M969A3 features include: electronic overflow prevention, liquid level gauge, anti-lock brakes, vapor recovery and Global Positioning System (GPS) capability.

Justification:

FY2006/FY2007 procures 98 M969A3s. Automotive refueling/bulk haulers are critical to the Global War on Terrorism (GWOT). Production schedule and fieldings have been accelerated to meet pure fleeting of Army Prepositioned Stock (APS), force modularity, and the deployment requirements for Operation Iraqi Freedom (OIF).

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle			7262	90	87			4359	39	112	7853	59	133	
Federal Retail Excise Tax			1496					520			871			
Sub Total			8758					4879			8724			
Engineering Change Proposals (ECPs)			200					78			350			
Testing											300			
Engineering Support			157					100			300			
PM Support - Govt			990					825			2000			
PM Support - Contractor			156					125			270			
Fielding Support			850			664		255			1000			
Documentation			39					25			75			
Total			11150			664		6287			13019			

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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 \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle										
FY 2004	Heil Trailer International Athens, Tennessee	REQ5 (3)	TACOM, Warren, MI	Dec 03	Nov 05	75	87	Yes		
FY 2004	Heil Trailer International Athens, Tennessee	REQ5 (3)	TACOM, Warren, MI	Jan 04	Feb 06	15	87	Yes		
FY 2006	Heil Trailer International Athens, Tennessee	REQ5 (5)	TACOM, Warren, MI	Jan 06	Jun 06	39	112	Yes		
FY 2007	TBS	TBS	TACOM, Warren, MI	Jan 07	Jun 07	59	133	No	Mar-06	Jun-06

REMARKS: Heil is concurrently manufacturing the M967A2 5000 Gallon Bulkhaul Tanker, SSN D02304.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	98991	2785	7800	3254	2065	3242	3260	4539	6720	3175		135831
Gross Cost	3534.8	327.1	1338.4	432.9	224.2	331.3	340.9	481.8	724.1	347.2		8082.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	3534.8	327.1	1338.4	432.9	224.2	331.3	340.9	481.8	724.1	347.2		8082.9
Initial Spares												
Total Proc Cost	3534.8	327.1	1338.4	432.9	224.2	331.3	340.9	481.8	724.1	347.2		8082.9
Flyaway U/C												
Wpn Sys Proc U/C												

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 wheeled vehicles. The vehicle has a diesel engine, automatic transmission and payload capacity of a XM1151/XM1152 and 2,300 lbs. (M1114 Up-Armor). The A1 model of the HMMWV began fielding in March 1994. The M1151, which replaces the M1025A2 and the XM1152, will be built on an Expanded Capacity Vehicle (ECV) Chassis which provides additional carrying capacity. The Up-Armored HMMWV (M1114) provides its crew complete ballistic protection against anti-tank and anti-personnel mines, and 360-degree protection against 7.62 NATO armor-piercing munitions. The M1151 and the M1152 are fully capable of accepting an armor kit.

Justification:

FY06 and FY07 procures 5,307 HMMWV's of which 720 are the M1114 Up-Armored vehicle. The balance of the funding procures 180 XM1151's with armor and 4,407 Armor Ready XM1152's. The Army relies on the U.S. Marine Corps HMMWV requirements to maintain an affordable production rate. The Army XM1151 and XM1152's are required to support the Army's Modularity and Brigade Combat Teams (BCT) units. Also, HMMWV's are required for Data Interchange Programs development and fielding of critical Combat Support and Combat Service Support Systems such as Advanced Field Artillery Tactical Data System (AFATDS), Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T) and Tactical Unmanned Aerial Vehicle (TUAV). Some of these HMMWV's will be provided to integrating Project Managers to support meeting critical milestones in standing up the Stryker Brigade Combat Teams. The M1114 Up-Armored HMMWV is part of both the Military Police and Special Operations Forces Light Tactical Vehicle modernization programs as well as Operation Enduring Freedom/Operation Iraqi Freedom. The M1114 provides these high priority units increased crew occupant protection from ballistic, improvised explosive devices, RPG and mine blast threats. The XM1151 is used to support the Rangers, Ground Mobility Systems as well as the Knight program, ARNG Division Redesign Study (ADRS) and other Army Interchange requirements. Vehicles will be placed in high priority units.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicles														
Up-Armor M1114			387796	6665	58				21202	360	59	21762	360	60
Government Furnished Equipment (Chassis)			535381	6665	80				30062	360	84	30513	360	85
Total Up-Armor M1114 (UAH)			923177						51264			52275		
Hvy Var M1097A2			48603	774	63									
Truck Utility M1025A2			8354	112	75									
ECV M1113			4994	74	67	7022	79	89						
XM1151			14941	175	85	133389	1519	88	8112	90	90	8337	90	93
XM1152						126959	1656	77	126137	1615	78	224071	2792	80
Subtotal			76892			267370			134249			232408		
Overhead Cost														
Project Management Support			12151			4583			4606			4675		
Government Testing														
Comparison Test			219			223			226			230		
Preproduction Qualification Test			477			309			314			319		
XM1151 Aerial Delivery Test			156											
XM1151/2 Air Drop Certification			22											
Spare Tire Test			480											
System Technical Support (STS)			14245			10612			8644			8773		
Engineering Support - In-House			4051			1571			1594			1618		
Variable Cost														
Fielding Support			59745			8191			6788			9210		
Engineering Changes			14219			6149			4664			7625		
Kits (Voice Radio, Singars, GPK)			121338			100756			11873			14174		
Blue Force Tracking			111218											
HMMWV RECAP						33150								
Total			1338390			432914			224222			331307		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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)

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Up-Armor M1114										
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Nov 03	Dec 03	330	71	Yes	N/A	N/A
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Nov 03	Jan 04	170	71	Yes	N/A	N/A
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Dec 03	Jun 04	748	55	Yes	N/A	N/A
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Jan 04	Jun 04	317	55	Yes	N/A	N/A
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Jan 04	Oct 04	258	55	Yes	N/A	N/A
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Apr 04	Jun 04	1471	55	Yes	N/A	N/A
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	May 04	Jul 04	189	55	Yes	N/A	N/A
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Sep 04	Oct 04	1774	58	Yes	N/A	N/A
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Sep 04	May 05	1408	58	Yes	N/A	N/A
FY 2006	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Nov 05	Apr 06	360	59	Yes	N/A	N/A
FY 2007	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Oct 06	Mar 07	360	60	Yes	N/A	N/A
Hvy Var M1097A2										
FY 2004	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 03	Feb 04	596	63	Yes	N/A	N/A
FY 2004	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Jan 04	Jun 04	178	63	Yes	N/A	N/A

REMARKS: AM General is the FY06 contractor for the XM1151 and XM1152. O'Gara Hess & Eisenhardt (OHE) is the contractor for the M1114 Up-Armor (the chassis is provided by AM General as Government Furnished Equipment (GFE). The chassis for the M1114 (built by AM General) are shown on the P-5 as Government Furnished Equipment to support the OHE contract.

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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)

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Truck Utility M1025A2										
FY 2004	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 03	Mar 04	112	75	Yes	N/A	N/A
ECV M1113										
FY 2004	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 03	May 04	68	67	Yes	N/A	N/A
FY 2004	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Oct 04	Nov 04	6	67	Yes	N/A	N/A
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 04	May 05	79	89	Yes	N/A	N/A
XM1151										
FY 2004	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 03	Aug 04	175	85	Yes	N/A	N/A
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 04	May 05	469	88	Yes	N/A	N/A
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Apr 05	Sep 05	1050	88	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Oct 05	Feb 06	90	90	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Oct 06	Feb 07	90	93	Yes	N/A	N/A
XM1152										
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 04	Mar 05	1605	77	Yes	N/A	N/A
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Apr 05	Aug 05	51	77	Yes	N/A	N/A

REMARKS: AM General is the FY06 contractor for the XM1151 and XM1152. O'Gara Hess & Eisenhardt (OHE) is the contractor for the M1114 Up-Armor (the chassis is provided by AM General as Government Furnished Equipment (GFE). The chassis for the M1114 (built by AM General) are shown on the P-5 as Government Furnished Equipment to support the OHE contract.

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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)

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2006	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Oct 05	Feb 06	1615	78	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Oct 06	Feb 07	2792	80	Yes	N/A	N/A

REMARKS: AM General is the FY06 contractor for the XM1151 and XM1152. O'Gara Hess & Eisenhardt (OHE) is the contractor for the M1114 Up-Armor (the chassis is provided by AM General as Government Furnished Equipment (GFE). The chassis for the M1114 (built by AM General) are shown on the P-5 as Government Furnished Equipment to support the OHE contract.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	18893	3255	1534	3623	2074	2769	3043	2728	3332	2575	38721	82547
Gross Cost	3192.8	655.8	324.7	593.6	449.6	634.1	624.9	567.5	680.2	553.2	9405.8	17682.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	3192.8	655.8	324.7	593.6	449.6	634.1	624.9	567.5	680.2	553.2	9405.8	17682.3
Initial Spares												
Total Proc Cost	3192.8	655.8	324.7	593.6	449.6	634.1	624.9	567.5	680.2	553.2	9405.8	17682.3
Flyaway U/C												
Wpn Sys Proc U/C		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		

Description:

The Family of Medium Tactical Vehicles (FMTV) is a complete series of trucks and trailers based on a common chassis and varied 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, dump truck models, the load handling system (LHS), and a higher capacity dump. Sub-variants provide Air Drop (AD) capability for contingency and rapid deployment operations. The 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. The quantities shown above reflect trucks only.

Justification:

FY 2006/2007 procures 2-1/2-ton and 5-ton trucks via the fourth and last year of the competitive rebuy multiyear contract. The FMTV fills the 2-1/2-ton truck and 5-ton truck requirements, reduces operating 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 service support units. The system's design enables rapid deployment worldwide and operation on primary and secondary roads, trails, and cross-country terrain in all climate conditions. Extended applications of the FMTV include support to other Army emerging 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) and the Unit Water Pod System (Camel).

SPECIAL NOTICE ON RELEASE OF UNIT PRICE INFORMATION: RELEASE OF UNIT PRICE INFORMATION CONTAINED IN CONTRACT DAAE07-03-C-S023 IS RESTRICTED PURSUANT TO 18 USC 1905, TRADE SECRETS ACT, AND IS EXEMPT FROM DISCLOSURE UNDER FREEDOM OF INFORMATION ACT EXEMPTION 4, 5 USC 552(B)(4). RELEASE FOR OFFICIAL GOVERNMENT USE AND TO STEWART & STEVENSON IS NOT RESTRICTED. WRITTEN PERMISSION FROM STEWART & STEVENSON IS REQUIRED PRIOR TO RELEASE TO ANY OTHER PARTIES.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005		
OPA1 Cost Elements	ID CD	FY 04			FY 05			FY 06			FY 07		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. Vehicles													
--LMTV Cargo M1078	A	49098	427	115	128566	1225	105	82052	713	116	108427	945	115
--LMTV Cargo w/ winch M1078		15474	123	126	29173	254	115	21532	174	124	14437	117	123
--LMTV Cargo-Air Drop M1081													
--LMTV Cargo-Air Drop w/ winch M1081													
--LMTV Van M1079		2698	14	193	14005	83	169	4812	25	192	16349	93	176
--LMTV Van w/ winch M1079													
--LMTV Chassis M1080													
SUBTOTAL LMTV		67270			171744			108396			139213		
--MTV Cargo M1083		53050	464	114	173281	1431	121	69098	559	124	44633	345	129
--MTV Cargo w/ winch M1083		17946	135	133	31191	224	139	9419	67	141	8133	58	140
--MTV Cargo-Air Drop M1093													
--MTV Cargo-Air Drop w/ winch M1093													
--MTV Cargo-Long Wheel Base (LWB) M1085		2017	15	134	5364	40	134				3565	27	132
--MTV Cargo-LWB w/ winch M1085					1451	10	145						
--MTV Cargo-LWB- Mat'l Handl Equip M1086													
--MTV Cargo MHE M1084		3398	20	170	26725	160	167	8694	45	193	28056	153	183
--MTV Dump M1090				157	5869	31	189						
--MTV Dump w/ winch M1090													
--MTV Dump-Air Drop M1094													
--MTV Tractor M1088		23717	182	130	8067	62	130	34174	262	130	19907	153	130
--MTV Tractor w/ winch M1088		2186	17	129				1526	11	139	1115	9	124
--MTV Wrecker M1089		14859	54	275	868	3	289	10993	38	289	182715	723	253
--MTV Expansible Van M1087		19736	57	346	34499	100	345	62141	180	345	50368	146	345
--MTV Chassis													
--MTV HIMARs Launcher Chassis XM1140													
--MTV LHS XM1148		5639	26	217									
--MTV Chassis-LWB													
SUBTOTAL MTV		142548			287315			196045			338492		
LMTV Trailers M1082		14095	672	21	20927	976	21	19912	902	23	20144	911	22
MTV Trailers M1095		8973	294	31	8886	344	26	6742	220	31	9394	308	31
SUBTOTAL TRAILERS		23068			29813			26654			29538		
2. Federal Retail Excise Tax		8369			9909			15099			35564		
3. Engineering Changes		11966			25178			18916			25978		

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
4. Testing														
--Contractor					1125			1260			1026			
--Government			8503		3298			2989			2173			
5. Contractor Program Support			4955		6632			5180			4849			
6. Engineering Support														
--Government (In-house)			4005		4545			4622			4708			
--Contractor			6389		7859			11844			12214			
--Competitive Evaluation								12080			9690			
7. Quality Assurance Support (In-house)			308		311			316			322			
8. HAC S&I A0 Improvements			577											
9. Kits			6484		5662			3314			3468			
10. Fielding Support			30828		27882			32932			16762			
11. Project Mgmt Support			9410		12340			9954			10143			
Total			324680		593613			449601			634140			

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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
1. Vehicles										
FY 2004	Stewart & Stevenson (S023) Sealy, TX	CM-5(2)	TACOM, Warren, MI	Mar 04	Feb 05	1077	143	Yes	N/A	N/A
FY 2004	Stewart & Stevenson (S023) Sealy, TX	Option	TACOM, Warren, MI	various	various	431	128	Yes	N/A	N/A
FY 2004	Stewart & Stevenson (M005) Sealy, TX	Option	TACOM, Warren, MI	Mar 04	Oct 04	26	134	Yes	N/A	N/A
FY 2005	Stewart & Stevenson (S023) Sealy, TX	CM-5(3)	TACOM, Warren, MI	Jan 05	Oct 05	3623	127	Yes	N/A	N/A
FY 2006	Stewart & Stevenson (S023) Sealy, TX	CM-5(4)	TACOM, Warren, MI	Nov 05	Oct 06	2074	147	Yes	N/A	N/A
FY 2007	Stewart & Stevenson (S023) Sealy, TX	CM-5(5)	TACOM, Warren, MI	Nov 06	Oct 07	2769	173	Yes	N/A	N/A

REMARKS: Quantity above is for trucks only; unit cost is an average of different truck models and can vary due to model mix procured.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT (D15800)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	85	41	31	17	10	33	20	18	2	12		269
Gross Cost	39.2	27.2	25.3	13.5	7.5	25.4	16.3	14.7	0.4	4.4		174.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	39.2	27.2	25.3	13.5	7.5	25.4	16.3	14.7	0.4	4.4		174.0
Initial Spares												
Total Proc Cost	39.2	27.2	25.3	13.5	7.5	25.4	16.3	14.7	0.4	4.4		174.0
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

This line is a roll-up of various Fire Trucks. These vehicles are used for fighting fires, and as a safety precautions at airfields and ammunition storage areas. In addition, these vehicles respond to forest fires, train & automobile accidents, and hazardous material incidents. These vehicles are essential to all military installations and to many local communities for the preservation of life and property.

Justification:

FY06/07 procures 43 Tactical and Non-Tactical Fire Fighting Trucks, which will replace unsafe/overaged vehicles currently unable to respond to fire calls as well as vehicles that are uneconomical to repair. Total Army Acquisition Objective (AAO) for all Non-Tactical Fire Trucks is 849 and Tactical Fire Trucks 165.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/Budget Activity/Serial No. Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT (D15800)			Weapon System Type:			Date: February 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Firetruck, Non-Tactical (D15801)		A				244	1		502	2		410	2	
2. Truck, Firefighting, Tactical (D15802)		B	25312	31		13301	16		7021	8		25019	31	
Total			25312			13545			7523			25429		

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
FIRETRUCKS, NON-TACTICAL (D15801)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	74	9		1	2	2	2	2	2	12		106
Gross Cost	26.3	3.3		0.2	0.5	0.4	0.4	0.4	0.4	4.4		36.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	26.3	3.3		0.2	0.5	0.4	0.4	0.4	0.4	4.4		36.4
Initial Spares												
Total Proc Cost	26.3	3.3		0.2	0.5	0.4	0.4	0.4	0.4	4.4		36.4
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

These vehicles are of standard commercial design with only slight modifications. Examples include Pumper Trucks, Structural Pumpers, Ladder Trucks, Hazardous Material (HAZMAT)/Rescue Trucks, Brush Tankers, Airfield Crash Trucks, and Multi-Purpose Firetrucks. These trucks are needed by all the Installation Management Agency (IMA) Regions - Northeast, Southeast, Southwest, Northwest, Pacific, Korea, and Europe - as well as other Major Commands. In addition, these trucks are also being used to support operations in South West Asia (e.g. Kuwait). The Army's Fire Fighting Vehicles are essential to all military installations and to many local communities for preservation of life and property. Our Army fire vehicles not only respond to fires on installations and within local communities, but also to forest fires, aircraft, train, and automotive accidents, and hazardous material incidents.

Justification:

FY06/07 procures four Non-Tactical Firetrucks to replace over-age trucks and fill existing shortages. Many over-age vehicles are unsafe, unable to respond to fire calls, and uneconomical to repair. Total Army Acquisition Objective (AAO) for all Non-Tactical Fire Trucks is 849.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
TRUCK, FIREFIGHTING, TACTICAL (D15802)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	11	32	31	16	8	31	18	16				163
Gross Cost	13.0	23.8	25.3	13.3	7.0	25.0	15.9	14.3				137.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	13.0	23.8	25.3	13.3	7.0	25.0	15.9	14.3				137.7
Initial Spares												
Total Proc Cost	13.0	23.8	25.3	13.3	7.0	25.0	15.9	14.3				137.7
Flyaway U/C												
Wpn Sys Proc U/C		0.7	0.8	0.8	0.9	0.8	0.9	0.9				

Description:

The multi-purpose Tactical Fire Fighting Truck (TFFT) is issued to Army tactical engineer units and is primarily used to fight aircraft and brush fires and at ammunition storage areas in theater. The new TFFT will be a dramatic improvement over existing firetrucks by having a six-man cab in order to carry an entire fire fighting team, a minimum 1,000-gallon capacity, and all-wheel drive, which is essential for cross-country mobility. The TFFT is part of the Tactical Fire-Fighting Team concept, which consists of the TFFT, two 1,750-gallon Water Distribution Modules, one Heavy Expanded Mobility Tactical Truck (HEMTT)-Load Handling System (LHS), and one Palletized Load System (PLS) trailer.

Justification:

FY06/FY07 funding procures 39 TFFT for National Guard and Army Reserve Tactical Fire Fighting Teams. The new TFFT replaces old commercial fire trucks, which do not meet tactical or fire fighting standards. The tactical fire-fighting mission requires trucks to have a significant off-road capability, which is obtained through the use of the combat-proven HEMTT chassis. The fire trucks currently fielded are unreliable and overage or do not meet the National Fire Protection Agency Standards. Army Acquisition Objective is 165.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/Budget Activity/Serial No. Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, FIREFIGHTING, TACTICAL (D15802)			Weapon System Type:			Date: February 2005			
OPA1 Cost Elements		ID	FY 04			FY 05			FY 06			FY 07		
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle														
Tactical Firefighting Truck with FRET			21705	31	700	11360	16	710	5782	8	723	22822	31	736
SubTotal			21705			11360			5782			22822		
2. ECPs			460			319			126			450		
3. Testing			215			150			80			150		
4. System Fielding Support			484			200			168			250		
6. Quality Assurance Support			175			117			84			186		
7. PM Support			534			272			276			400		
8. Engineering Support			233			200			100			200		
9. Matrix Support			221			200			205			267		
10. Special Tools			185			78			64			86		
11. Technical Manuals			600			300			50			100		
12. New Equipment Training			500			105			86			108		
Total			25312			13301			7021			25019		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon System Type:			P-1 Line Item Nomenclature: TRUCK, FIREFIGHTING, TACTICAL (D15802)					
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
Tactical Firefighting Truck with FRET										
FY 2004	Pierce Manufacturing Inc. Appleton, WI	SS/REQ	TACOM, Warren, MI	Apr 04	Jan 05	31	700	Yes	N/A	N/A
FY 2005	Pierce Manufacturing Inc. Appleton, WI	SS/REQ	TACOM, Warren, MI	Jan 05	Oct 05	16	710	Yes	N/A	N/A
FY 2006	Pierce Manufacturing Inc. Appleton, WI	SS/REQ	TACOM, Warren, MI	Dec 05	Sep 06	8	723	Yes	N/A	N/A
FY 2007	Pierce Manufacturing Inc. Appleton, WI	SS/REQ	TACOM, Warren, MI	Dec 06	Sep 07	31	736	Yes	N/A	N/A

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army /1/Tactical and support vehicles	P-1 Item Nomenclature FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)
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Program Elements for Code B Items:	Code:	Other Related Program Elements:
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	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty												
Gross Cost	4423.5	257.2	218.8	207.6	207.1	292.1	246.5	227.2	152.2	98.2		6330.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	4423.5	257.2	218.8	207.6	207.1	292.1	246.5	227.2	152.2	98.2		6330.4
Initial Spares	0.9											0.9
Total Proc Cost	4424.4	257.2	218.8	207.6	207.1	292.1	246.5	227.2	152.2	98.2		6331.3
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Family of Heavy Tactical Wheeled Vehicles are 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)), Container Handling Units (CHU), and the Movement Tracking System (MTS). Other trucks included in this family are: the Heavy Equipment Transporter System (HETS) and 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.

Justification:

FY06-07 funding procures PLS equipment, which includes PLS Trucks and Trailers, CROP, CHU, and MTS; HEMTT Tankers, Wreckers, and Tractors; and FRS. The FY06/07 funding will fill requirements in support of modularity and the Digitized Divisions, Stryker Brigade Combat Team (SBCT), Patriot Units, Combat Engineers, Army Pre-positioned Stocks (APS), 82nd Airborne Division, Korea, and National Guard and Army Reserve Units.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/Budget Activity/Serial No. Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)			Weapon System Type:			Date: February 2005		
OPA1 Cost Elements	ID CD	FY 04			FY 05			FY 06			FY 07		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Family of Heavy Tactical Vehicles FHTV (DA0500) HEMTT, ALL BODY TYPES (D16204)													
Tanker, M978A2	A	44854	143		71943	202		48222	138		100950	282	
Wrecker, M984A2	A	55768	143					50190	120		38599	91	
LHS Cargo, M1120A2	A	13632	51		64213	220							
Cargo, M985A2		8675	31										
Tractor, M983A2	A										8907	34	
Forward Repair System (D16400)													
Forward Repair System	A	17141	32		7121	16		27371	74		24546	65	
PALLETIZED LOAD SYSTEM (D16500)													
PLS Truck	A	30994	82		12219	31		26833	63		26156	65	
PLS Trailer	A	18305	345		3859	64		5692	100		5600	102	
Cargo Bed (Flatrack)	A	6367	698		2572	154		2439	166		2240	197	
Container Handling Unit	A	3183	85		1929	36		18702	429		8960	211	
Movement Tracking System (MTS)	A	19897	1108		43732	2388		27647	1170		76158	3484	
Total		218816			207588			207096			292116		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army /1/Tactical and support vehicles	P-1 Item Nomenclature TRUCK, CARGO, 57000 GVW, 8X8 (D16204)
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Program Elements for Code B Items:	Code:	Other Related Program Elements:
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	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty												
Gross Cost	2059.0	111.3	122.9	136.2	98.4	148.5	108.4	103.1	54.9	23.5		2966.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	2059.0	111.3	122.9	136.2	98.4	148.5	108.4	103.1	54.9	23.5		2966.1
Initial Spares												
Total Proc Cost	2059.0	111.3	122.9	136.2	98.4	148.5	108.4	103.1	54.9	23.5		2966.1
Flyaway U/C												
Wpn Sys Proc U/C												

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, tanker and tractor. The HEMTT transports ammunition, petroleum, oils and lubricants and is used as the prime mover for certain missile systems. The HEMTT is C130-transportable and supports Increment 1 of the Unit of Action (UA). The M984A2 Wrecker is the recovery vehicle for other wheeled support and combat vehicle systems and is the only recovery vehicle in the SBCT. The M978A2 Tanker is a 2500-Gallon Fuel Transporter and is a key Combat Service Support (CSS) enabler in the SBCT and Digitized Divisions. The M983A2 LET has a Fifth Wheel Vertical Loading capacity of 20 Tons and a Gross Vehicle Combined Weight (GVCW) of 62.5 Tons

Justification:

FY06-07 funding procures 665 HEMTTs of multiple variants, including 420 M978A2 HEMTT Tankers and 211 M984A2 HEMTT Wreckers to fill Stryker Brigade Combat Team (SBCT) conversion requirements and to support modularity. FY06/07 funding also procures 34 HEMTT M983A2 Light Equipment Transporter (LET) Tractors for engineer requirements and fills requirements in the National Guard Bureau (NGB) and US Army Reserve and supports the Total Army Analysis (TAA-09) unit activations. Army Acquisition Objective for the HEMTT Fleet is 14,269. The AAO is expected to increase to meet Modularity requirements.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/Budget Activity/Serial No. Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, CARGO, 57000 GVW, 8X8 (D16204)			Weapon System Type:			Date: February 2005		
OPA1 Cost Elements	ID CD	FY 04			FY 05			FY 06			FY 07		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware - HEMTT All Body Types													
Tanker M978A2		38294	143	268	56674	202	281	39882	138	289	83923	282	298
Wrecker M984A2		46107	143	322				41314	120	344	32270	91	355
LHS Cargo M1120A2		10890	51	214	49949	220	227						
Cargo M985A2		7425	31	240									
Tractor M983A2											7442	34	219
Subtotal		102716			106623			81196			123635		
2. Federal Retail Excise Tax		12291			12795			9743			14836		
3. Engineering Changes		684			3722			2444			3726		
4. Government Testing		9			400			500			500		
5. Documentation		37			100			560			374		
6. Engineering Support Government		1068			500			215			220		
7. Quality Assuranc Support - Government		230			500			320			326		
8. Special Tools		122			600			350			350		
9. System Fielding Support		3444			8732			1719			2763		
10. Project Management Support		2328			2184			1365			1726		
Total		122929			136156			98412			148456		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon System Type:			P-1 Line Item Nomenclature: TRUCK, CARGO, 57000 GVW, 8X8 (D16204)					
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
Tanker M978A2										
FY 2004	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 03	Jul 04	143	268	YES	N/A	N/A
FY 2005	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Dec 04	Jul 05	202	281	YES	N/A	N/A
FY 2006	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY6	TACOM, Warren, MI	Dec 05	Jul 06	138	289	YES	N/A	N/A
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY7	TACOM, Warren, MI	Dec 06	Jul 07	282	298	YES	N/A	N/A
Wrecker M984A2										
FY 2004	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 03	Jul 04	143	322	YES	N/A	N/A
FY 2006	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY6	TACOM, Warren, MI	Dec 05	Jul 06	120	344	YES	N/A	N/A
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY7	TACOM, Warren, MI	Dec 06	Jul 07	91	355	YES	N/A	N/A
LHS Cargo M1120A2										
FY 2004	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 03	Jul 04	51	214	YES	N/A	N/A
FY 2005	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY	TACOM, Warren, MI	Dec 04	Jul 05	220	227	YES	N/A	N/A
Cargo M985A2										
FY 2004	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 03	Jul 04	31	240	YES	N/A	N/A
Tractor M983A2										

REMARKS: Note: Procurement planning underway to extend FHTV Family Contract with Oshkosh Truck Corp. for D16202, D16203, D16204 and D16205 through FY07.

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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

Weapon System Type:

P-1 Line Item Nomenclature:
TRUCK, CARGO, 57000 GVW, 8X8 (D16204)

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
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY7	TACOM, Warren, MI	Dec 06	Jul 07	34	219	Yes	N/A	N/A

REMARKS: Note: Procurement planning underway to extend FHTV Family Contract with Oshkosh Truck Corp. for D16202, D16203, D16204 and D16205 through FY07.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	109	74	32	16	74	66	67	65	77	63		643
Gross Cost	43.2	40.3	17.1	7.1	27.4	24.5	26.0	26.0	31.8	26.9		270.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	43.2	40.3	17.1	7.1	27.4	24.5	26.0	26.0	31.8	26.9		270.3
Initial Spares												
Total Proc Cost	43.2	40.3	17.1	7.1	27.4	24.5	26.0	26.0	31.8	26.9		270.3
Flyaway U/C												
Wpn Sys Proc U/C		0.5	0.5	0.2	0.3	0.2	0.2	0.2	0.3	0.2		

Description:

The Forward Repair System (FRS) is a high-mobility, forward maintenance system that reduces Repair Cycle Time. The FRS places in one package proven tools, test equipment, and heavy lift capability to support forces in the forward battle area. The FRS is the key maintenance system for all repair activities of heavy forces in the forward battle area. Heavy forces include tank, mechanized infantry, cavalry, field artillery, engineers, and supporting units with heavy combat, combat support, and combat service support vehicles. The system consists of overhead lift and mobility nearly equivalent to the supported force. 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, and combat spares or 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 will replace M113 tracked systems currently performing this mission, yielding a 90% reduction in repair parts costs as well as enhanced battlefield capability with demonstrated reductions in Repair Cycle Time (RCT) of 35-50%. 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:

FY06 program buys 74 FRS modules. The FRS is a must have enabler for both the digitized division and Brigade Combat Teams/Future Combat System (FCS) Complementary System.

FY07 program buys 66 FRS modules. The FRS is a must have enabler for both the digitized division and Brigade Combat Teams/FCS Complementary System.

Approved Acquisition Objective (AAO): 1197

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		FY 04			FY 05			FY 06			FY 07			
ID CD		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	
1. Vehicle														
Forward Repair System		A	8720	32	273	4672	16	292	22718	74	307	20856	66	316
PLS Truck		A	6753	20	338	1418	4	355						
SubTotal			15473		6090			22718			20856			
2. ECPs			196		183			155			160			
4. System Fielding Support			671		205			641			527			
5. ASL & DS/GS			311		115			455			430			
6. Documentation			104		66			370			60			
7. Engineering Support			66		122			228			91			
8. Quality Assurance Support			100		85			187			182			
9. Program Management Support			220		255			2515			1740			
10. Transportation (FRS & Flatrack)								102			500			
Total			17141		7121			27371			24546			

Exhibit P-5a, Budget Procurement History and Planning

Date:

February 2005

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
Forward Repair System										
FY 2004	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Nov 03	Nov 04	32	273	Yes	N/A	N/A
FY 2005	Rock Island Arsenal Rock Island, IL	FFP	PM SKOT, Rock Island, IL	Jan 05	Jul 05	16	292	Yes	N/A	N/A
FY 2006	Rock Island Arsenal Rock Island, IL	FFP	PM SKOT, Rock Island, IL	Dec 05	Jun 06	74	307	Yes	N/A	N/A
FY 2007	Rock Island Arsenal Rock Island, IL	FFP	PM SKOT, Rock Island, IL	Dec 06	Jun 07	66	316	Yes	N/A	N/A
PLS Truck										
FY 2004	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 03	May 04	20	338	Yes	N/A	N/A
FY 2005	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Jan 05	Aug 05	4	355	Yes	N/A	N/A

REMARKS: IDIQ contract
Data Interchange-T40999--Truck, cargo,PLS; ratio 1:1
T96496-HEMTT, LHS, ratio 1:1

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty												
Gross Cost	1037.4	105.1	78.7	64.3	81.3	119.1	112.1	98.1	65.5	47.8		1809.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1037.4	105.1	78.7	64.3	81.3	119.1	112.1	98.1	65.5	47.8		1809.6
Initial Spares												
Total Proc Cost	1037.4	105.1	78.7	64.3	81.3	119.1	112.1	98.1	65.5	47.8		1809.6
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Palletized Load System (PLS) is the primary component of the Modular Ammunition Company Concept and is interoperable with the comparable British, German and French systems, through the use of a common flatrack. The 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 Container Handling Unit (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 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, CHU, and MTS are key enablers for both the Stryker Brigade Combat Team (SBCT) and Digitized Divisions. Army Acquisition Objectives (AAO) for PLS equipment are as follows: PLS Truck - 4,222, PLS Trailer - 4,094, Flatracks - 59,962, CHU - 2,204, and MTS - 35,702.

Justification:

FY06-07 procures 128 PLS trucks, 202 PLS Trailers, 363 CROP, and 640 CHU to support Modularity and Engineering Mission Module (EMM) fieldings, SBCT activations, National Guard (NG), Army Reserve (AR), and Army Pre-position Stocks (APS) requirements. MTS procurements of 4654 mobile units support the Counterattack Corps (CATK), SBCT, Korea, 82nd ABN Division, and NG and Army Reserve units.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID	FY 04			FY 05			FY 06			FY 07		
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware														
PLS Truck			27691	82	338	10989	31	354	23008	63	365	24440	65	376
PLS Trailer			16491	345	48	3136	64	49	5050	100	51	5304	102	52
Cargo Bed, Demountable			5375	698	8	1463	154	10	1610	166	10	1812	197	9
PLS Container Handling Unit			3009	85	35	1321	36	37	16002	429	37	8018	211	38
Movement Tracking System			17944	1108	16	40006	2388	17	23400	1170	20	71492	3484	21
Subtotal			70510			56915			69070			111066		
2. Engineering Changes			1595			2116			1370			951		
3. Government Testing - ATC/YPG			457			500			2000			500		
4. Documentation			90			72			2000			500		
5. Engineering Support - Government			292			243			219			230		
6. Quality Assurance Supt- Government			435			500			456			464		
7. Special Tools			467			500			350			379		
8. System Fielding Support			3219			2665			3447			2511		
9. PM Support			1681			800			2401			2513		
Total			78746			64311			81313			119114		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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
PLS Truck										
FY 2004	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 03	Jul 04	82	338	Yes	N/A	N/A
FY 2005	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Dec 04	Jul 05	31	354	Yes	N/A	N/A
FY 2006	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY6	TACOM, Warren, MI	Dec 06	Jul 06	63	365	Yes	N/A	N/A
FY 2007	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY7	TACOM, Warren, MI	Dec 07	Jul 07	65	376	Yes	N/A	N/A
PLS Trailer										
FY 2004	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 03	Jul 04	345	48	Yes	N/A	N/A
FY 2005	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Dec 04	Jul 05	64	49	Yes	N/A	N/A
FY 2006	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY6	TACOM, Warren, MI	Dec 06	Jul 06	100	51	Yes	N/A	N/A
FY 2007	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY7	TACOM, Warren, MI	Dec 07	Jul 07	102	52	Yes	N/A	N/A
Cargo Bed, Demountable										
FY 2004	Summa Technology Inc. Huntsville, AL	C/REQ/PY3	TACOM, Warren, MI	Dec 03	Jul 04	698	8	Yes	N/A	N/A
FY 2005	Summa Technology Inc. Huntsville, AL	C/REQ/PY4	TACOM, Warren, MI	Dec 04	Jul 05	154	10	Yes	N/A	N/A
FY 2006	Summa Technology Inc. Huntsville, AL	C/REQ/PY5	TACOM, Warren, MI	Dec 06	Jul 06	166	10	Yes	N/A	N/A
FY 2007	Summa Technology Inc. Huntsville, AL	C/REQ/PY6	TACOM, Warren, MI	Dec 07	Jul 07	197	9	Yes	N/A	N/A

REMARKS: Note: Procurement planning underway to extend FHTV FY01-05 Family Contract with Oshkosh Truck Corp. for D16500, D08900, and D16101 through FY07.

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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
PLS Container Handling Unit										
FY 2004	OTC Kewaunee Fabrication Kewaunee, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 03	Jul 04	85	35	Yes	N/A	N/A
FY 2005	OTC Kewaunee Fabrication Kewaunee, WI	SS/REQ/PY5	TACOM, Warren, MI	Dec 04	Jul 05	36	37	Yes	N/A	N/A
FY 2006	OTC Kewaunee Fabrication Kewaunee, WI	SS/REQ/PY6	TACOM, Warren, MI	Dec 06	Jul 06	429	37	Yes	N/A	N/A
FY 2007	OTC Kewaunee Fabrication Kewaunee, WI	SS/REQ/PY7	TACOM, Warren, MI	Dec 07	Jul 07	211	38	Yes	N/A	N/A
Movement Tracking System										
FY 2004	Comtech Mobile Datacom Germantown, MD	C/REQ/PY6	CECOM, Washington, DC	Dec 03	May 04	571	16	Yes	N/A	N/A
FY 2004	Comtech Mobile Datacom Germantown, MD	C/REQ/PY6	CECOM, Washington, DC	Mar 04	Dec 04	537	16	Yes	N/A	N/A
FY 2005	Comtech Mobile Datacom Germantown, MD	C/REQ/PY7	CECOM, Washington, DC	Dec 04	May 05	2388	17	Yes	N/A	N/A
FY 2006	TBS - MTS	C/REQ/PY1	CECOM, Washington, DC	Dec 05	May 06	1170	20	Yes	N/A	Jun 05
FY 2007	TBS - MTS	C/REQ/PY2	CECOM, Washington, DC	Dec 06	May 07	3484	21	Yes	N/A	N/A

REMARKS: Note: Procurement planning underway to extend FHTV FY01-05 Family Contract with Oshkosh Truck Corp. for D16500, D08900, and D16101 through FY07.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army /1/Tactical and support vehicles	P-1 Item Nomenclature ARMORED SECURITY VEHICLES (ASV) (D02800)
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Program Elements for Code B Items:	Code:	Other Related Program Elements:
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	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	79	23	53	5								160
Gross Cost	59.5	17.0	41.5	4.8								122.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	59.5	17.0	41.5	4.8								122.9
Initial Spares												
Total Proc Cost	59.5	17.0	41.5	4.8								122.9
Flyaway U/C												
Wpn Sys Proc U/C		0.9	1.1									

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 M-2 .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. 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:

The FY06/07 ASV program is not funded. The ASV is used by the Military Police (MP) to perform missions of security, battlefield circulation and law and order across the entire operational continuum. The MPs conduct force protection and stabilization operations in a war environment. The revised Army Acquisition Objective (AAO) is 1,940.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005		
OPA1 Cost Elements	ID CD	FY 04			FY 05			FY 06			FY 07		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Vehicle	A	33374	53	630	3150	5	630						
Engineering Changes		114			50								
Non-Recurring Cost													
Testing - Govt		200			91								
Documentation		25			10								
System Technical Support (STS)		1213			346								
Engineering Spt (In-House)		220			113								
Kits		1921			50								
Fielding Support		297			335								
Facilitization of Contract		3900											
Project Management Support		266			636								
Total		41530			4781								

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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 Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle										
FY 2004	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Nov 03	Jan 05	5	572	Yes	N/A	N/A
FY 2004	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Jun 04	Apr 05	25	563	Yes	N/A	N/A
FY 2004	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Sep 04	Jun 05	23	715	Yes	N/A	N/A
FY 2005	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Nov 04	Aug 05	5	630	Yes	N/A	N/A

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
CASSPIR (D02903)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty												
Gross Cost			1.7									1.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			1.7									1.7
Initial Spares												
Total Proc Cost			1.7									1.7
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

This budget line was used to procure foreign vehicles for use in the Global War On Terrorism (GWOT). The Buffalo Mine Protected Clearance Vehicle is a six wheeled armor vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The Alvis RG-31 Medium Mine Protected Vehicle is used for command and control of route and area clearance missions and for VIP operations. The vehicles provide mine protection to vehicle occupants. The mine proof vehicle consists of a mine protected hull/body. It provides a high degree of safety in respect to collision or vehicle roll over.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty		358	249	165	80	50	33	34	45			1014
Gross Cost	551.5	46.4	41.1	30.2	17.1	11.6	8.4	8.6	11.7			726.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	551.5	46.4	41.1	30.2	17.1	11.6	8.4	8.6	11.7			726.7
Initial Spares	0.5											0.5
Total Proc Cost	552.0	46.4	41.1	30.2	17.1	11.6	8.4	8.6	11.7			727.2
Flyaway U/C												
Wpn Sys Proc U/C		0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3			

Description:

This is the roll-up BLIN for D15900, Truck, Tractor Line Haul (M915A3) and D19601, Truck, Tractor, Light Equipment Transporter (LET)(M916A3). These two tractors share common components, such as the cab, engine, and transmission, to form a family of vehicles.

Justification:

The FY06/07 M915/916 funding will procure 130 new trucks to modernize the current Army fleet and support activation of new National Guard and Army Reserve units. These new petroleum companies will add necessary fuel handling capability to support the modern battlefield. Without these new trucks, the petroleum units will be activated with Tanker Trailers and no trucks to haul them, thus causing a severe deficiency in supplying fuel to support transport. The current trucks are currently experiencing mission capable rates below the assigned Army goal and are difficult and expensive to support due to their age. The new M915A3/M916A3 Truck Tractors will significantly improve readiness because several new commercial truck technologies have been or will be incorporated in these tractors. Some examples are Collision Warning System, Lube-Free Drive Shaft, Low-Lube Fifth Wheel, and Electronic Transmission. The Approved Acquisition Objective for the M915 is 6,026; the Approved Acquisition Objective for the M916 is 2,358.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID	FY 04			FY 05			FY 06			FY 07		
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Trk, Tractor, Line Haul, M915A3 (D15900)			24670	167		17845	115		6192	31		4460	20	
Truck, Tractor, LET, M916A3 (D19601)			16396	82		12352	50		10871	49		7164	30	
Total			41066			30197			17063			11624		

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	6929	320	167	115	31	20	4					7586
Gross Cost	495.4	38.9	24.7	17.8	6.2	4.5	1.2					588.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	495.4	38.9	24.7	17.8	6.2	4.5	1.2					588.6
Initial Spares	0.2											0.2
Total Proc Cost	495.6	38.9	24.7	17.8	6.2	4.5	1.2					588.8
Flyaway U/C												
Wpn Sys Proc U/C		0.2	0.1	0.0	0.2	0.2	0.3					

Description:

The M915A3 Line Haul Tractor is a Non-Developmental Item (NDI) found primarily in medium transportation companies. It is a prime mover used to transport breakbulk, containers, water and petroleum over primary and secondary roads. It is a 6x4 tractor with a 2-inch kingpin and 105,000 Gross Combination Vehicle Weight (GCVW) capacity. The M915A3 is transportable by highway, rail, marine, and air modes worldwide.

Justification:

FY06/07 funding procures 51 M915A3 Line Haul Tractors that will provide prime-mover capability to newly activated Petroleum Transportation Companies which were organized as a result of a Desert Storm deficiency (inability of companies to transport large volumes of petroleum). This funding also provides vehicles to fill requirements in selected National Guard and Army Reserve units to replace overage M915A0's and M915A1's. Without these new trucks, the Army will have a severe deficiency in supplying fuel to support transport. Because the M915 Truck Tractor is experiencing operational readiness rates below the assigned Army goal and is difficult and expensive to support due to its age, the new M915A3 Truck Tractor will significantly improve readiness. Several new commercial truck technologies have been or will be incorporated in the M915A3. Some examples are Collision Warning System, Lube-Free Drive Shaft, Low-Lube Fifth Wheel, and Electronic Transmission.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware - M915A3 with FRET			7910	70	113	13455	115	117	3751	31	121	2500	20	125
Hardware - M915A3 without FRET			10961	97	113									
Federal Excise Tax			1175			1615			470			315		
Documentation			475			150			100			100		
Logistics Support			100			100			100			50		
Engineering Support			400			400			200			200		
Quality Support			375			275			200			200		
Program Management Support			850			475			450			400		
Engineering Change Proposals			499			375			276			195		
System Fielding Support			775			325			200			200		
Special Tools			700			375			275			150		
FSR Support			450			300			170			150		
Total			24670			17845			6192			4460		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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 \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware - M915A3 with FRET										
FY 2004	Freightliner Corporation Portland, OR	CFP RQ7 4	TACOM, Warren, MI	Nov 03	May 04	55	113	YES	N/A	N/A
FY 2004	Freightliner Corporation Portland, OR	CFP RQ7 4	TACOM, Warren, MI	May 04	Nov 04	9	113	YES	N/A	N/A
FY 2004	Freightliner Corporation Portland, OR	CFP RQ7 4	TACOM, Warren, MI	Mar 04	Sep 04	6	113	YES	N/A	N/A
FY 2005	Freightliner Corporation Portland, OR	CFP RQ7 5	TACOM, Warren, MI	Jan 05	Jul 05	105	117	YES	N/A	N/A
FY 2005	Freightliner Corporation Portland, OR	CFP RQ7 5	TACOM, Warren, MI	Apr 05	Sep 05	10	117	YES	N/A	N/A
FY 2006	Freightliner Corporation Portland, OR	CFP RQ7 6	TACOM, Warren, MI	Dec 05	Jun 06	31	121	YES	N/A	N/A
FY 2007	Freightliner Corporation Portland, OR	CFP RQ7 7	TACOM, Warren, MI	Dec 06	Jun 07	20	125	YES	N/A	N/A
Hardware - M915A3 without FRET										
FY 2004	Freightliner Corporation Portland, OR	CFP RQ7 4	TACOM, Warren, MI	Nov 03	May 04	78	113	YES	N/A	N/A
FY 2004	Freightliner Corporation Portland, OR	CFP RQ7 4	TACOM, Warren, MI	Dec 03	Jun 04	13	113	YES	N/A	N/A
FY 2004	Freightliner Corporation Portland, OR	CFP RQ7 4	TACOM, Warren, MI	Feb 04	Aug 04	6	113	YES	N/A	N/A

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
TRUCK, TRAC, LT EQ TRANS, 6 X 6, M916A1 (D19601)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	789	38	82	50	49	30	29	34	45			1146
Gross Cost	56.1	7.6	16.4	12.4	10.9	7.2	7.2	8.6	11.7			138.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	56.1	7.6	16.4	12.4	10.9	7.2	7.2	8.6	11.7			138.0
Initial Spares	0.3											0.3
Total Proc Cost	56.4	7.6	16.4	12.4	10.9	7.2	7.2	8.6	11.7			138.3
Flyaway U/C												
Wpn Sys Proc U/C		0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3			

Description:

The M916A3 Light Equipment Transporter (LET) is a 68,000 Gross Vehicle Weight (GVW) tractor with a 3-1/2-inch, 40,000-pound capacity Compensator Fifth Wheel. It has an electronic diesel engine, automatic electronic transmission, anti-lock brakes, air conditioning, and is capable of operating at speeds up to 55-mph. The M916A3 Truck Tractor LET is used primarily in engineering units to tow the 40-ton M870/M870A1 lowbed semi-trailer resulting in a Gross Combination Vehicle Weight (GCVW) rating of 130,000-pounds. The M916A3 transports engineer construction equipment in the local, line haul, and maintenance evacuation missions over a 50% primary, 45% secondary, and 5% off-road mission profile.

Justification:

FY06/07 funding procures 79 M916A3 Truck Tractors that will replace 18-20 year old M916 Truck Tractors in the War Reserves, newly activated Petroleum, Oil, and Lubricant (POL) Supply Companies, Fire Truck Companies, and Engineer Battalions. The Approved Acquisition Objective is 2,358.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/Budget Activity/Serial No. Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, TRAC, LT EQ TRANS, 6 X 6, M916A1 (D19601)			Weapon System Type:			Date: February 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware - M916A3 w/o FRET			5940	36	165									
Hardware - M916A3 w/FRET			7590	46	165	8650	50	173	8771	49	179	5550	30	185
Federal Excise Tax			915			1038			1050			666		
Program Management Support			400			400			250			250		
Engineering Change Proposals			351			414			100			98		
System Fielding Support			250			375			125			75		
Quality Support			200			200			125			100		
Documentation			100			100			100			75		
Engineering Support			175			325			100			100		
Logistics Support			125			250			100			75		
Special Tools			225			325			100			100		
FSR Support			125			275			50			75		
Total			16396			12352			10871			7164		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon System Type:			P-1 Line Item Nomenclature: TRUCK, TRAC, LT EQ TRANS, 6 X 6, M916A1 (D19601)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware - M916A3 w/o FRET FY 2004	Freightliner Corporation Portland, OR	CFPRQ7 4	TACOM, Warren, MI	Nov 03	May 04	36	165	YES	N/A	N/A
Hardware - M916A3 w/FRET FY 2004	Freightliner Corporation Portland, OR	CFPRQ7 4	TACOM, Warren, MI	Nov 03	May 04	46	165	YES	N/A	N/A
FY 2005	Freightliner Corporation Portland, OR	CFP RQ7 5	TACOM, Warren, MI	Jan 05	Jul 05	42	173	YES	N/A	N/A
FY 2005	Freightliner Corporation Portland, OR	CFP RQ7 5	TACOM, Warren, MI	Apr 05	Sep 05	8	173	YES	N/A	N/A
FY 2006	Freightliner Corporation Portland, OR	CFPRQ7 6	TACOM, Warren, MI	Dec 05	Jun 06	49	179	YES	N/A	N/A
FY 2007	Freightliner Corporation Portland, OR	CFPRQ7 7	TACOM, Warren, MI	Dec 06	Jun 07	30	185	YES	N/A	N/A

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

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

P-1 Item Nomenclature
TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	298	28	27									353
Gross Cost	20.4	4.7	4.4									29.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	20.4	4.7	4.4									29.6
Initial Spares												
Total Proc Cost	20.4	4.7	4.4									29.6
Flyaway U/C												
Wpn Sys Proc U/C		0.2	0.2									

Description:

The Truck Tractor, Yard Type, M878A2 is primarily used to transport semi-trailers loaded with containers of break bulk cargo within fixed ports, on prepared beaches during Logistics-Over-The-Shore (LOTS) operations, and in trailer transfer areas (ports, beaches, forward supply areas, railhead operations, cargo handling areas and in/near air terminal fields). These trucks are also required to transport containerized cargo from port facilities to transfer points for line haul operations. The vehicle is a highly maneuverable commercial tractor with an automatic locking, hydraulic-lock fifth wheel, which facilitates semi-trailer coupling and disengagement and allows movement of the semi-trailers/chassis without retracting the landing legs. It is capable of moving loads weighing up to 88,000 pounds.

Justification:

FY04 is the last year of funding for the M878A2 Yard Tractor.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	403	632	129	92	189	591	794	822	834	708		5194
Gross Cost	67.5	119.3	24.7	19.1	40.7	136.9	184.8	201.7	213.8	189.2		1197.6
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Net Proc (P-1)	67.5	119.3	24.7	19.1	40.7	136.9	184.8	201.7	213.8	189.2		1197.6
Initial Spares												
Total Proc Cost	67.5	119.3	24.7	19.1	40.7	136.9	184.8	201.7	213.8	189.2		1197.6
Flyaway U/C												
Wpn Sys Proc U/C		0.2	0.2	0.1	0.4	0.2	0.2	0.2	0.3	0.3		

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 the effort to increase HEMTT fleet readiness, reduce O&S costs, and modernize 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 is critical because it is the primary source of M1120A2R1 HEMTT Load Handling System (LHS) variants, which reduce the logistics footprint on the battlefield and is critical to the Army's evolving transportation-based, just-in-time supply system. HEMTT LHS is a "must have" 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 4-point seatbelts. This program produces a "like-new" vehicle with a full new vehicle warranty.

Justification:

FY06/07 procure upgrades for 780 HEMTT variants, including 87 M984A2R1 Wreckers, 185 M1120A2R1 LHSs, 377 M978A2R1 Tankers, 90 M983A2R1 Tractors, and 41 M977/M985 Cargo variants. This completes the upgrade of two PATRIOT Battalions, fills SBCT #5 and 6; supports upgrades to modular brigades, as well as interchange requirements for M1120A2R1 HEMTT LHS.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/Budget Activity/Serial No. Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)			Weapon System Type:			Date: February 2005			
OPA1 Cost Elements		ID CD	FY 04			FY 05			FY 06			FY 07		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware														
HEMTT ESP M984A2R1 Wrecker					1597	7	228	2541	11	231	18240	76	240	
HEMTT ESP M978A2R1 Tanker								8416	38	221	77334	339	228	
HEMTT ESP M1022A2R1 LHS			10450	62	169	5965	33	181	14674	80	183	19838	105	189
HEMTT ESP M983A2R1 Tractor			6599	44	150	5959	37	162	7461	45	166	7685	45	171
HEMTT M977 EPP			987	7	141	764	5	153	786	5	157	810	5	162
HEMTT M977 LRPT			817	5	163			882	5	176	908	5	182	
HEMTT M977A2R1 Cargo			972	6	162	850	5	170			1982	11	180	
HEMTT ESP M985E1 GMT			1093	5	219	1167	5	233	1202	5	240	1237	5	247
Subtotal			20918			16302			35962			128034		
2. Engineering Changes			866			483			985			2500		
3. Government Testing			150			75			215			220		
4. Documentation			50			175			350			250		
5. Engineering Support - Government			179			180			182			285		
6. Quality Assurance Supt - Government			200			250			138			200		
7. Special Tools			61			45			195			475		
8. System Fielding Support			1455			1120			1825			4060		
9. PM Support			775			500			858			894		
Total			24654			19130			40710			136918		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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
1. Hardware										
FY 2004	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 03	Jul 04	111	161	Yes	N/A	N/A
FY 2004	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Mar 04	Oct 04	18	175	Yes	N/A	N/A
FY 2005	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Dec 04	Jul 05	92	177	Yes	N/A	N/A
FY 2006	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY6	TACOM, Warren, MI	Dec 05	Jul 06	189	190	Yes	N/A	N/A
FY 2007	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY7	TACOM, Warren, MI	Dec 06	Jul 07	591	216	Yes	N/A	N/A

REMARKS: Procurement planning underway to extend FHTV Family Contract with OTC through FY07. Unit costs are average of model mix for each year.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					676	692	2629	2631	869	870		8367
Gross Cost					32.8	34.3	131.3	134.0	45.6	46.6		424.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)					32.8	34.3	131.3	134.0	45.6	46.6		424.6
Initial Spares												
Total Proc Cost					32.8	34.3	131.3	134.0	45.6	46.6		424.6
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The HMMWV recapitalization (Recap) program will recapitalize 676 vehicles in FY06 and 692 in FY07, and convert them from M998/M1037/M1038 to M1097R1 to permit heavier payloads. The result of this recapitalization effort is a vehicle with an extended service life that is compliant with the requirement to be armor kit ready.

Justification:

FY06/07 procures 1368 M1097R1 recapitalized vehicles. The HMMWV Recapitalization program maintains the Army's investment in the Light Tactical Vehicle Fleet. Reconfiguration of the M998/M1037/M1038 vehicles to the M1097R1 configuration results in a more capable vehicle with improved reliability and maintainability. This configuration upgrades the vehicles to better meet the needs of today's war fighter by allowing the addition of Add-on-Armor without significant mission degradation caused by overloading the suspension and/or reducing the capabilities of the vehicles. Vehicles will be fielded to active units to replace the M998, M1038 and M1037 models that will then enter the Recap program and be converted to the new M1097R1 configuration. This effectively removes the oldest, lower payload vehicles from the Army's inventory, replacing them with a more capable vehicle. As part of the Recap program, a Repower initiative is also being pursued. This will result in increased capabilities and fuel efficiency with significant improvements to maintainability and reliability.

FY05 funding in the amount of \$33.2M reflected in HMMWV SSN D15400.

Exhibit P-5, Weapon OPA1 Cost Analysis		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 2005			
OPA1 Cost Elements		ID	FY 04			FY 05			FY 06			FY 07		
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Vehicles									31772	676	47	33216	692	48
Engineering Support - In-House									40			41		
Quality Assurance Support - In-House									40			41		
Fielding Support									473			484		
Project Management Support									475			509		
Total									32800			34291		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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 \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicles										
FY 2006	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 05	Jan 06	338	47	Y	NA	NA
FY 2006	Letterkenny Army Depot Chambersburg, PA	MIPR	TACOM, Warren, MI	Nov 05	Jan 06	338	47	Y	NA	NA
FY 2007	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 06	Jan 07	346	48	Y	NA	NA
FY 2007	Letterkenny Army Depot Chambersburg, PA	MIPR	TACOM, Warren, MI	Nov 06	Jan 07	346	48	Y	NA	NA

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty												
Gross Cost	260.7	77.5	820.4	25.7	11.7	2.5	10.7	10.5	38.2	38.4		1296.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	260.7	77.5	820.4	25.7	11.7	2.5	10.7	10.5	38.2	38.4		1296.4
Initial Spares												
Total Proc Cost	260.7	77.5	820.4	25.7	11.7	2.5	10.7	10.5	38.2	38.4		1296.4
Flyaway U/C												
Wp'n Sys Proc U/C												

Description:

Supports the hardware and application of High Mobility Multi-purpose Wheeled Vehicle (HMMWV) 3-Point Seatbelt Modifications, HMMWV M997 3-Point Seatbelts, HMMWV M996 3-Point Seatbelts, HMMWV M997 Maxi-Ambulance Air Conditioning Upgrade, HMMWV Rear Differential Oil Cooler, modernization of the fielded HMMWV vehicles to include on-board diagnostics of the powertrain, Heavy Expanded Mobility Tactical Truck (HEMTT) Wheel Modification, Palletized Load System (PLS) Trailer Wheel Modification, and PLS/HEMTT 4-Point Seatbelt Modification. Safety related modifications increase survivability of soldiers in the field and improve vehicle readiness. The 3-Point Seatbelt modification provides three point seatbelts to all HMMWV variants. This is a safety modification that should be completed as soon as possible to avoid injury to the soldier. The Air Conditioning modification is an environmental and supportability issue. The ozone-depleting refrigerant currently in M997 HMMWV ambulances will not be available until after FY05. Ambulances will be unable to operate their air conditioning units, which is a medical requirement. The HMMWV differential can exceed optimal operating temperature resulting in premature component failure. This modification is especially critical considering high ambient temperatures and vehicle loads in current war support efforts. The HEMTT Wheel Modification program retrofits fielded vehicles that have a split-ring design with a two-piece bolt together design that is safer. Over the past few years, 59 soldier-injury split rim unique accidents have occurred for the 220 Tank Automotive & Armaments Command (TACOM) managed systems that use split rim design wheels. Of those accidents, 30 were specifically attributed to the HEMTT fleet, which also accounted for two fatalities during 1999-2000. The PLS Trailer Wheel Modification also retrofits fielded trailers with a safer two-piece bolt together wheel design. The HEMTT/PLS 4-Point Seatbelt modification enhances crew safety in selected trucks that have extensive cab-mounted Command, Control, Communications and Computer Systems (C4) equipment.

Justification:

FY06 procures modification for the HMMWV 3-Point Seatbelts on all basic armor/non-armor vehicles. The HMMWV 3-point seatbelt safety enhancement modification provides 3-point seatbelts to the front and rear seats on all basic HMMWV models. The change from 2-point to the 3-point seatbelt will reduce injury associated with accidents by reducing the severity of injuries and fatalities. Also, funds an urgent requirement to modernize the HMMWV powertrain for fielded vehicles. The initiative will include pit stop maintenance of the powertrain to minimize time to remove/replace. The repower effort will be done in conjunction with the HMMWV Recap initiative. This change will take advantage of technology to introduce on-board diagnostics of the engine and transmission as well as move toward EPA compliance.

Exhibit P-40M, Budget Item Justification Sheet

Date: February 2005

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	2004 & PR	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TC	Total
HMMWV 3-PT Seatbelt											
1-92-06-4401	Safety	34.0	7.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	43.2
M939 Tire Improvement											
1-97-06-4532	Safety	51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	55.8
M939 Anti-Lock Brake System (ABS)											
1-97-06-4533	Safety	59.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	65.3
HEMTT Wheel Modification											
1-00-06-0003	Urgent	104.2	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121.4
A8020 Fuel Injection Test Stand Upgrade											
0-00-00-0000		7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
Aluminum Mesh Liner											
0-00-00-0000		11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
M872 Modification Hardware											
1-01-06-0007	Special Purpose Mod	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8
HEMTT/PLS 4-Point Seatbelt											
0-00-00-0000	Safety	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
PLS Trailer Wheel Modification											
2-02-06-0001	Safety	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
HMMWV 3PT Seatbelts-M996 Mini Ambulance											
1-01-06-0004	Safety	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2

Exhibit P-40M, Budget Item Justification Sheet

Date:

February 2005

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	2004 & PR	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TC	Total
HMMWV 3PT Seatbelts-M997 Maxi Ambulance											
1-01-06-0005	Safety	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
High Mobility Trailer MWOs											
0-00-00-0000	Urgent	3.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2
HMMWV Maxi-Ambulance A/C Upgrade											
1-02-06-0001	Urgent	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
Fuel Tank Insertion Safety Foam											
0-00-00-0000	Safety	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
M915 FOV Electrical Upgrade											
0-00-00-0000	Safety	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
HMMWV Engine Modernization Effort											
0-00-00-0000	Urgent	0.0	0.0	7.5	2.5	10.7	10.5	38.1	38.4	103.7	211.4
HMMWV Armor Kits											
0-00-00-0000	Urgent	303.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	303.1
Heavy Truck Armor Kits											
0-00-00-0000	Urgent	252.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	252.5
HMMWV Rear Diffemetial Oil Cooler											
1-01-06-0008	Safety	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
Medium Truck Armor Kits											
0-00-00-0000	Urgent	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: HMMWV 3-PT Seatbelt [MOD 1] 1-92-06-4401

MODELS OF SYSTEM AFFECTED: All HMMWV Models (Except M996 and M997)

DESCRIPTION/JUSTIFICATION:

The three-point seatbelt safety modification will be applied to the front and rear seats on all basic armor and non-armor High Mobility Multi-purpose Wheeled Vehicle (HMMWV) models. This three-point seatbelt is a safer and more effective restraint system than the two-point seatbelt will reduce the severity of injuries and fatalities and is a significant safety enhancement. Total requirement is for 88,477 front and rear seatbelts plus 1,318 template kits.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The three point seatbelts were added to the High Mobility Multi-purpose Wheeled Vehicles (HMMWV) in response to increased safety regulations. The three point seatbelt system was put into all vehicle models beginning with the 100,000th vehicle produced. Retrofit kits for vehicles produced prior to that point were developed and modeled after the production version. This material change will be applied using one of the three hardware kits and template kits developed to cover the different vehicle configurations.

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Totals																					
Inputs	89795																				
Outputs	65553	4766	4766	4765	4765	1295	1295	1295	1295												

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		89795
Outputs																		89795

METHOD OF IMPLEMENTATION:	Depot Team	ADMINISTRATIVE LEADTIME:	0 Months	PRODUCTION LEADTIME:	0 Months
Contract Dates:	FY 2006		FY 2007		FY 2008
Delivery Date:	FY 2006		FY 2007		FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): HMMWV 3-PT Seatbelt [MOD 1] 1-92-06-4401

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E	0																			
Procurement	0																				
Kit Quantity	0																				
Installation Kits	89795	13.9																		89795	13.9
Installation Kits, Nonrecurring	0																				
Equipment	0																				
Equipment, Nonrecurring	0																				
Engineering Change Orders	0																				
Data	0																				
Training Equipment	0																				
Support Equipment	0																				
Other	0																				
Interim Contractor Support	0																				
Installation of Hardware	0																				
FY2002 & Prior Equip -- Kits	65553	20.1																		65553	20.1
FY2003 Equip -- Kits																					
FY2004 Equip -- Kits	0																				
FY2005 Equip -- Kits	0		19062	7.2																19062	7.2
FY2006 Equip -- Kits	0				5180	2.0														5180	2.0
FY2007 Equip -- Kits	0																				
FY2008 Equip -- Kits	0																				
FY2009 Equip -- Kits	0																				
TC Equip- Kits	0																				
Total Installment	65553	20.1	19062	7.2	5180	2.0		0.0		0.0		0.0		0.0		0.0		0.0		89795	29.3
Total Procurement Cost		34.0		7.2		2.0		0.0		0.0		0.0		0.0		0.0		0.0			43.2

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: M939 Tire Improvement [MOD 2] 1-97-06-4532

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

DESCRIPTION/JUSTIFICATION:

The Non-Directional Cross Country (NDCC) tire was engineered for cross-country applications prior to WWII and is neither compatible nor safe for highway driving. For the past six years, the M939 Series Trucks have been operating under Safety of Use Message (SOUM) 98-07 limiting the highway speed to 40-mph in an attempt to limit accidents, injuries, and fatalities occurring under this scenario. Changes in vehicle speeds, road construction, mission requirements, as well as advances in tire technology have made this tire obsolete. This modification will change the tires from the current bias ply NDCC to a radial tire designed for on/off highway usage. Recent improvements in radial tire design will provide better traction and mobility, which will enhance system safety. The 11,700 basic M939 series trucks are having their NDCC or other type bias tires upgraded to radial tires. Operating and support will also be significantly reduced. Economic Analysis Report 03-84-01 shows that the annual cost for bias tires is \$1,069; radial tires is \$737. This is a \$332 annual savings per truck, or \$3.9M per year (11700 x \$332). The accident scenario for M939 basic trucks with NDCC tires occurs during panic stop situations and is worsened on wet pavement. In panic stop situations on wet pavement the front wheels lock up. The NDCC stopping distance is increased by 245-320-feet over trucks with radial tires. Once the NDCC tires are replaced with radial tires in conjunction with application of the ABS, the 40-mph speed limit restriction can be lifted, allowing the vehicles to be safely operated up to their required operational capability and mission requirements.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Hardware Procurement (Tires and Tubes): May 99 - May 04

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	10816																			
Outputs	10816																			

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																	884	11700
Outputs																	884	11700

METHOD OF IMPLEMENTATION: Depot/Contractor Team ADMINISTRATIVE LEADTIME: 0 Months PRODUCTION LEADTIME: 0 Months
 Contract Dates: FY 2006 FY 2007 FY 2008
 Delivery Date: FY 2006 FY 2007 FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): M939 Tire Improvement [MOD 2] 1-97-06-4532

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E	0																			
Procurement	0																				
Kit Quantity	0																				
Installation Kits	10816	34.0															884	3.5	11700	37.5	
Installation Kits, Nonrecurring	0																				
Equipment	0																				
Equipment, Nonrecurring	0																				
Engineering Change Orders	0																				
Data	0																				
Training Equipment	0																				
Support Equipment	0																				
Other (Testing, PM/Eng Spt)	0	4.6																0.6		5.2	
Interim Contractor Support	0																				
Installation of Hardware	0																				
FY2002 & Prior Equip -- Kits	8894	11.0																		8894	11.0
FY2003 Equip -- Kits	1106	1.0																		1106	1.0
FY2004 Equip -- Kits	816	0.4																		816	0.4
FY2005 Equip -- Kits	0																				
FY2006 Equip -- Kits	0																				
FY2007 Equip -- Kits	0																				
FY2008 Equip -- Kits	0																				
FY2009 Equip -- Kits	0																				
TC Equip- Kits	0																884	0.7	884	0.7	
Total Installment	10816	12.4		0.0		0.0		0.0		0.0		0.0		0.0		0.0	884	0.7	11700	13.1	
Total Procurement Cost		51.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.8		55.8	

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: M939 Anti-Lock Brake System (ABS) [MOD 3] 1-97-06-4533

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

DESCRIPTION/JUSTIFICATION:

The current design for the M939 brake system is inadequate and accident-prone. In the FY90-FY95 timeframe there were 194 serious accidents resulting in injury costs of \$8.1M, \$2.9M in property damage, 163 serious injuries, and 46 fatalities. In 1999, GAO report GAO/NSIAD-99-82 analysis indicated that from Jan 1987 thru Jun 1998 accident data showed that, while M939s made up an average of 9% of the Army Motor vehicle fleet, the M939 accounted for 34% of the fleet's accidents resulting in fatalities. Comparison of U.S. Department of Transportation accident statistics and M939 accident statistics showed that over a 10-year period, the fatality rate of occupants of the M939 averaged about 30 times higher than the fatality rate for occupants of comparably sized commercial trucks. For the past six years the M939 Series Trucks have been operating under Safety of Use Message (SOUM) 98-07 limiting the highway speed to 40-mph in an attempt to limit accidents, injuries, and fatalities occurring under this highway operational scenario. The accident scenario for M939 trucks occurs during panic stop situations and is worsened on wet pavement. In panic stop situations the truck's wheels lock up causing engine stall. This causes loss of power steering resulting in uncontrolled skidding creating accident and roll-over situations. Extensive testing of ABS for this truck has shown that ABS will eliminate 100% of the engine stalls and wheel lock-up regardless of the skill level of the drivers. Once the ABS is installed on trucks with radial tires, the 40-mph speed limit restriction can be lifted, allowing the vehicles to be safely operated to their required operational capability and mission requirements.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Products Specification Available - Oct 98
 Hardware Application : Jan 00 - Sep 04

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	29580																			
Outputs	29580																			

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																	2420	32000
Outputs																	2420	32000

METHOD OF IMPLEMENTATION: Depot/Contractor Team ADMINISTRATIVE LEADTIME: 0 Months PRODUCTION LEADTIME: 0 Months
 Contract Dates: FY 2006 FY 2007 FY 2008
 Delivery Date: FY 2006 FY 2007 FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): M939 Anti-Lock Brake System (ABS) [MOD 3] 1-97-06-4533

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E	0																			
Procurement	0																				
Kit Quantity	29580	36.8															2420	3.9	32000	40.7	
Installation Kits	0																				
Installation Kits, Nonrecurring	0																				
Equipment	0																				
Equipment, Nonrecurring	0																				
Engineering Change Orders	0																				
Data	0																				
Training Equipment	0																				
Support Equipment	0																				
Other (Testing, PM/Eng Supt)	0	5.0																0.6		5.6	
Interim Contractor Support	0																				
Installation of Hardware	0																				
FY2002 & Prior Equip -- Kits	29580	15.7																		29580	15.7
FY2003 Equip -- Kits	3024	1.4																		3024	1.4
FY2004 Equip -- Kits	2232	0.8																		2232	0.8
FY2005 Equip -- Kits	0																				
FY2006 Equip -- Kits	0																				
FY2007 Equip -- Kits	0																				
FY2008 Equip -- Kits	0																				
FY2009 Equip -- Kits	0																				
TC Equip- Kits	0																2420	1.1	2420	1.1	
Total Installment	34836	17.9		0.0	2420	1.1	37256	19.0													
Total Procurement Cost		59.7		0.0		5.6		65.3													

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: HEMTT Wheel Modification [MOD 4] 1-00-06-0003

MODELS OF SYSTEM AFFECTED: All HEMTTs fielded prior to CY2000

DESCRIPTION/JUSTIFICATION:

In 2001, the PM HTV implemented an expedited change to the HEMTT production vehicle configuration to include a safer, bolt-together wheel design and tubeless tire. This MWO rapidly retrofits the remainder of the fielded fleet with the safer, bolt-together wheel design and tubeless tire per Chief of Staff, United States Army (CSA) direction, and implements Maintenance Work Order (MWO) No. 9-2320-279-20-9. Prior to initiation of this retrofit program, 59 soldier-injury split-ring unique accidents occurred for the 220 TACOM managed systems that use split-ring design wheels. Of those accidents, 30 were specifically attributed to the HEMTT fleet, which also accounted for the two fatalities during 1999-2000 and an additional two fatalities in 2003.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Modification configuration is fully tested and has been applied to the production line as well as overhaul/Extended Service Program (ESP) vehicles. Delivery of retrofit kits and start of kit installation began in May 02. Kit's procurement continues FY05; kits installation continues FY06. The program is being executed by Red River Army Depot (RRAD).

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	7960	1208	920	920	920	893														
Outputs	6297	1206	1208	920	920	920	893													

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		12821
Outputs																		12821

METHOD OF IMPLEMENTATION:	Depot/Contractor Team	ADMINISTRATIVE LEADTIME:	0 Months	PRODUCTION LEADTIME:	0 Months
Contract Dates:	FY 2006	FY 2007		FY 2008	
Delivery Date:	FY 2006	FY 2007		FY 2008	

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): HEMTT Wheel Modification [MOD 4] 1-00-06-0003

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E	0																		
Procurement	0																			
Kit Quantity	0																			
Installation Kits	10990	94.6	1831	16.0															12821	110.6
Installation Kits, Nonrecurring	0																			
Equipment	0																			
Equipment, Nonrecurring	0																			
Engineering Change Orders	0																			
Data	0																			
Training Equipment	0																			
Support Equipment	0																			
Other (PM Supt)	0																			
--	0																			
Installation of Hardware	0																			
FY2002 & Prior Equip -- Kits	1357	0.2																	1357	0.2
FY2003 Equip -- Kits	5530	4.8																	5530	4.8
FY2004 Equip -- Kits	4103	4.6																	4103	4.6
FY2005 Equip -- Kits	0		1831	1.2															1831	1.2
FY2006 Equip -- Kits	0																			
FY2007 Equip -- Kits	0																			
FY2008 Equip -- Kits	0																			
FY2009 Equip -- Kits	0																			
TC Equip- Kits	0																			
Total Installment	10990	9.6	1831	1.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0	12821	10.8
Total Procurement Cost		104.2		17.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		121.4

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: M872 Modification Hardware [MOD 7] 1-01-06-0007

MODELS OF SYSTEM AFFECTED: M872 Basics, A1s and A2s

DESCRIPTION/JUSTIFICATION:

A significant portion of the M872 fleet was deadlined as a result of Safety of Use Memorandum (SOU) #01-008, dated Feb 2001 and updated in Jun 01. The trailer's kingpin mounting structure has deteriorated over the fleet's 20 plus year service life because of age, rust and corrosion. Funds are allocated to buy the 5,050 kits needed to repair all M872 basics, A1s and A2s and to support associated labor costs. Installation of repair kits began 2nd Qtr FY03 and was completed in FY04. The kits will restore the fleet to fully mission capacity (FMC) status and effectively extend the trailer's service life an additional 10 to 15 years.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Hardware Procurement - Oct 02
 Hardware Application - Jan 03 - Sep 04

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	5050																			
Outputs	5050																			

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		5050
Outputs																		5050

METHOD OF IMPLEMENTATION: Depot field team ADMINISTRATIVE LEADTIME: 0 Months PRODUCTION LEADTIME: 0 Months
 Contract Dates: FY 2006 FY 2007 FY 2008
 Delivery Date: FY 2006 FY 2007 FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): M872 Modification Hardware [MOD 7] 1-01-06-0007

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL			
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$		
	RDT&E	0																				
Procurement	0																					
Kit Quantity	5050	6.1																		5050	6.1	
Installation Kits	0																					
Installation Kits, Nonrecurring	0																					
Equipment	0																					
Equipment, Nonrecurring	0																					
Engineering Change Orders	0																					
Data	0																					
Training Equipment	0																					
Support Equipment	0																					
Other	0																					
Interim Contractor Support	0																					
Installation of Hardware	0																					
FY2002 & Prior Equip -- Kits																						
FY2003 Equip -- Kits	2828	5.1																		2828	5.1	
FY2004 Equip -- Kits	2222	3.6																		2222	3.6	
FY2005 Equip -- Kits	0																					
FY2006 Equip -- Kits	0																					
FY2007 Equip -- Kits	0																					
FY2008 Equip -- Kits	0																					
FY2009 Equip -- Kits	0																					
TC Equip- Kits	0																					
Total Installment	5050	8.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	5050	8.7
Total Procurement Cost		14.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		14.8

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: HMMWV 3PT Seatbelts-M996 Mini Ambulance [MOD 10] 1-01-06-0004

MODELS OF SYSTEM AFFECTED: HMMWV M996 Mini-Ambulances

DESCRIPTION/JUSTIFICATION:

The M996 High Mobility Multi-purpose Wheeled Vehicle (HMMWV) 3-point seatbelt modification, Modification Work Order (MWO) 9-2320-280-35-6, provides front three-point seatbelts to mini-ambulances. The current HMMWV lap belt is significantly less effective in preventing injuries than the 3-point seatbelt. The change to the 3 point seatbelt will reduce injury associated with accidents by reducing the severity of injuries and fatalities, and is a significant safety enhancement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The 3 point seatbelts were added to the High Mobility Multi-purpose Wheeled Vehicles (HMMWV) in response to increased safety regulations. The 3Pt system was cut into production for all vehicle models beginning with vehicle number 100,000. Retrofit kits for pre 100,000 serial vehicle number vehicles were developed and modeled after the production version. This material change was applied using one of the three hardware kits developed to cover the different vehicle configurations.

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	326																			
Outputs	326																			

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		326
Outputs																		326

METHOD OF IMPLEMENTATION:	Depot Team	ADMINISTRATIVE LEADTIME:	0 Months	PRODUCTION LEADTIME:	0 Months
Contract Dates:	FY 2006	FY 2007		FY 2008	
Delivery Date:	FY 2006	FY 2007		FY 2008	

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): HMMWV 3PT Seatbelts-M996 Mini Ambulance [MOD 10] 1-01-06-0004

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E	0																			
Procurement	0																				
Kit Quantity	326	0.1																		326	0.1
Installation Kits	0																				
Installation Kits, Nonrecurring	0																				
Equipment	0																				
Equipment, Nonrecurring	0																				
Engineering Change Orders	0																				
Data	0																				
Training Equipment	0																				
Support Equipment	0																				
Other	0																				
Interim Contractor Support	0																				
Installation of Hardware	0																				
FY2002 & Prior Equip -- Kits																					
FY2003 Equip -- Kits	326	0.1																		326	0.1
FY2004 Equip -- Kits	0																				
FY2005 Equip -- Kits	0																				
FY2006 Equip -- Kits	0																				
FY2007 Equip -- Kits	0																				
FY2008 Equip -- Kits	0																				
FY2009 Equip -- Kits	0																				
TC Equip- Kits	0																				
Total Installment	326	0.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		326	0.1
Total Procurement Cost		0.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0			0.2

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: HMMWV 3PT Seatbelts-M997 Maxi Ambulance [MOD 11] 1-01-06-0005

MODELS OF SYSTEM AFFECTED: HMMWV M997 Maxi-Ambulances

DESCRIPTION/JUSTIFICATION:

The M997 High Mobility Multi-purpose Wheeled Vehicle (HMMWV) 3-point seatbelt modification, Modification Work Order (MWO) 9-2320-280-35-4, provides front three-point seatbelts to maxi-ambulances. The current HMMWV lap belt is significantly less effective in preventing injuries than the 3-point seatbelt. The change to the 3-point seatbelt will reduce injury associated with accidents by reducing the severity of injuries and fatalities, and is a significant safety enhancement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The 3-point seatbelts were added to the High Mobility Multi-purpose Wheeled Vehicles (HMMWV) in response to increased safety regulations. The 3-point seatbelt system was cut into production for all vehicle models beginning with vehicle number 100,000. Retrofit kits for pre 100,000 serial number vehicles were developed and modeled after the production version. This material change was applied using one of the three hardware kits and template kits developed to cover the different vehicle configurations.

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	3115																			
Outputs	3115																			

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		3115
Outputs																		3115

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 Months PRODUCTION LEADTIME: 0 Months

Contract Dates: FY 2006 FY 2007 FY 2008

Delivery Date: FY 2006 FY 2007 FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): HMMWV 3PT Seatbelts-M997 Maxi Ambulance [MOD 11] 1-01-06-0005

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E	0																			
Procurement	0																				
Kit Quantity	3115	0.6																		3115	0.6
Installation Kits	0																				
Installation Kits, Nonrecurring	0																				
Equipment	0																				
Equipment, Nonrecurring	0																				
Engineering Change Orders	0																				
Data	0																				
Training Equipment	0																				
Support Equipment	0																				
Other	0																				
Interim Contractor Support	0																				
Installation of Hardware	0																				
FY2002 & Prior Equip -- Kits																					
FY2003 Equip -- Kits	3115	0.2																		3115	0.2
FY2004 Equip -- Kits	0																				
FY2005 Equip -- Kits	0																				
FY2006 Equip -- Kits	0																				
FY2007 Equip -- Kits	0																				
FY2008 Equip -- Kits	0																				
FY2009 Equip -- Kits	0																				
TC Equip- Kits	0																				
Total Installment	3115	0.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		3115	0.2
Total Procurement Cost		0.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0			0.8

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: HMMWV Maxi-Ambulance A/C Upgrade [MOD 13] 1-02-06-0001

MODELS OF SYSTEM AFFECTED: M997

DESCRIPTION/JUSTIFICATION:

The current refrigerant used has an adverse environmental impact. Army policy directed the discontinuation of ozone depleting chemicals in Army vehicles in FY05. The current supply of M997 refrigerant will be depleted by FY05. This effort will modify R-134a refrigerant, which complies with Federal Regulations and international agreements regarding the use of ozone depleting chlorofluorocarbon (CFC) gases.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Hardware Procurement: Mar 03, and Jun 03
 Hardware Application: May 03 - Jul 05

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	1562																			
Outputs	0	521	521	520																

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		1562
Outputs																		1562

METHOD OF IMPLEMENTATION:	Depot/Contract Team	ADMINISTRATIVE LEADTIME:	0 Months	PRODUCTION LEADTIME:	0 Months
Contract Dates:	FY 2006	FY 2007		FY 2008	
Delivery Date:	FY 2006	FY 2007		FY 2008	

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): HMMWV Maxi-Ambulance A/C Upgrade [MOD 13] 1-02-06-0001

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E	0																			
Procurement	0																				
Kit Quantity	0																				
Installation Kits	0																				
Installation Kits, Nonrecurring	0																				
Equipment	0																				
Equipment, Nonrecurring	0																				
Engineering Change Orders	0																				
Data	0																				
Training Equipment	0																				
Support Equipment	0																				
Other	0																				
Interim Contractor Support	0																				
Installation of Hardware	0																				
FY2002 & Prior Equip -- Kits	0																				
FY2003 Equip -- Kits	0																				
FY2004 Equip -- Kits	0																				
FY2005 Equip -- Kits	0		1562	1.4																1562	1.4
FY2006 Equip -- Kits	0																				
FY2007 Equip -- Kits	0																				
FY2008 Equip -- Kits	0																				
FY2009 Equip -- Kits	0																				
TC Equip- Kits	0																				
Total Installment	0	0.0	1562	1.4		0.0		0.0		0.0		0.0		0.0		0.0		0.0		1562	1.4
Total Procurement Cost		0.0		1.4		0.0		0.0		0.0		0.0		0.0		0.0		0.0			1.4

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: HMMWV Engine Modernization Effort [MOD 16] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: M998/M1037/M1038

DESCRIPTION/JUSTIFICATION:

The requirement to modernize the HMMWV powertrain for fielded vehicles. The initiative will include pit stop maintenance of the powertrain to minimize time to remove/replace. The repower effort will be done in conjunction with the HMMWV Recap initiative. This change will take advantage of technology to introduce on-board diagnostics of the engine and transmission as well as move toward EPA compliance.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Engineering effort - Jan 05 thru Jun 05 (Prototype)
 Testing - Aug 05 thru Dec 05
 TDP/Log Support - Jan 06 thru Apr 06

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs							187	187	187	187	63	63	63	62	267	266	266	266	261	261
Outputs							187	187	187	187	63	63	63	62	267	266	266	266	261	261

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs	260	260	947	947	947	946	950	950	950	949							10220	20912
Outputs	260	260	947	947	947	946	950	950	950	949							10220	20912

METHOD OF IMPLEMENTATION: Contract ADMINISTRATIVE LEADTIME: 3 Months PRODUCTION LEADTIME: 5 Months
 Contract Dates: FY 2006 Jan 06 FY 2007 Jan 07 FY 2008 Jan 08
 Delivery Date: FY 2006 Jun 06 FY 2007 Jun 07 FY 2008 Jun 08

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): HMMWV Engine Modernization Effort [MOD 16] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity					748	5.6	251	1.9	1065	8.0	1042	7.9	3787	28.6	3799	28.8	10220	77.8	20912	158.6
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2004 & Prior Equip -- Kits																				
FY 2005 -- Kits																				
FY 2006 Equip -- Kits					748	1.9													748	1.9
FY 2007 Equip -- Kits							251	0.6											251	0.6
FY 2008 Equip -- Kits									1065	2.7									1065	2.7
FY 2009 Equip -- Kits											1042	2.6							1042	2.6
FY 2010 Equip -- Kits													3787	9.5					3787	9.5
FY 2011 Equip -- Kits														3799	9.6				3799	9.6
TC Equip- Kits																10220	25.9		10220	25.9
Total Installment		0.0		0.0	748	1.9	251	0.6	1065	2.7	1042	2.6	3787	9.5	3799	9.6	10220	25.9	20912	52.8
Total Procurement Cost		0.0		0.0		7.5		2.5		10.7		10.5		38.1		38.4		103.7		211.4

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: HMMWV Armor Kits [MOD 17] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: All HMMWVs except M1114s

DESCRIPTION/JUSTIFICATION:

An urgent and validated requirement exists for 13,872 HMMWV add-on-armor kits in Southwest Asia (SWA) in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). These kits include armored doors with ballistic windows, windshields and air conditioning. Total requirement to date has been fully funded.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Nov 03 - Responding to urgent need from SWA, Army Research Lab designed HMMWV armor kit. Dec 03- GSIE (Ground Systems Industrial Enterprise) receives requirement for 3670 kits. Dec 03 - present, over 10,000 kits produced and shipped to SWA.

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	11372	1250	1250																	
Outputs	11372	1250	1250																	

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		13872
Outputs																		13872

METHOD OF IMPLEMENTATION:	Contractor	ADMINISTRATIVE LEADTIME:	0 Months	PRODUCTION LEADTIME:	0 Months
Contract Dates:	FY 2006		FY 2007		FY 2008
Delivery Date:	FY 2006		FY 2007		FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): HMMWV Armor Kits [MOD 17] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement	13872	197.0																		13872	197.0
Kit Quantity																					
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
Installation of Hardware																					
FY 2004 & Prior Equip -- Kits	13872	106.1																		13872	106.1
FY 2005 -- Kits																					
FY 2006 Equip -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	13872	106.1		0.0		0.0		13872	106.1												
Total Procurement Cost		303.1		0.0		0.0			303.1												

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: Heavy Truck Armor Kits [MOD 18] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: HEMTTs, PLS, HET, M915, and M969 Trailer

DESCRIPTION/JUSTIFICATION:

An urgent and validated requirement exists for 4511 add on armor kits for Heavy Tactical Trucks (HEMTT, PLS, HET, M915 and M969 Trailer) in SWA in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). Total requirement to date has been fully funded.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Nov 03 - Responding to urgent need from SWA, contractor (Oshkosh Truck Corp (OTC)) reviewed previously developed armor kits. Dec 03 OTC received requirement for 4511 kits. Dec 03 to present - Has developed and produced over 2200 kits and shipped to SWA.

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	2241	1135	1135																	
Outputs	2241	1135	1135																	

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		4511
Outputs																		4511

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 Months PRODUCTION LEADTIME: 0 Months

Contract Dates: FY 2006 FY 2007 FY 2008

Delivery Date: FY 2006 FY 2007 FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): Heavy Truck Armor Kits [MOD 18] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement	4511	189.4																		4511	189.4
Kit Quantity																					
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
Installation of Hardware																					
FY 2004 & Prior Equip -- Kits	4511	63.1																		4511	63.1
FY 2005 -- Kits																					
FY 2006 Equip -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	4511	63.1		0.0		0.0	4511	63.1													
Total Procurement Cost		252.5		0.0		0.0		252.5													

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: HMMWV Rear Differential Oil Cooler [MOD 19] 1-01-06-0008

MODELS OF SYSTEM AFFECTED: M1113 Expanded Capacity Vehicles and M1114 Up-Armored HMMWV

DESCRIPTION/JUSTIFICATION:

The High Mobility Multi-purpose Wheeled Vehicle (HMMWV) Rear Differential Oil Cooler is an "oil to oil" cooler using some excess heat capacity in the power steering cooler to cool the rear differential in conditions of high temperatures and high loading which may lead to oil break down and differential overheating and failure. In order to reduce cost of frequent replacement, a periodic oil change is being added to field maintenance actions. This represents an unacceptable burden on the user. The differential temperature issue is considered an optional deficiency so critical by the Army User community that they will only accept, under conditional material release, a limited number of the vehicles without a modification plan to install a differential cooler. Cost of the differential cooler will be partially offset by savings in logistics burden of oil changes including transport of Petroleum Oil and Lubricants (POL) in the forward area.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Level II Drawings Available - 4Q98
 Production Award - 2Q02
 Hardware Application - 4Q02 - 4Q04

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	4216																			
Outputs	4216																			

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		4216
Outputs																		4216

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 Months PRODUCTION LEADTIME: 0 Months
 Contract Dates: FY 2006 FY 2007 FY 2008
 Delivery Date: FY 2006 FY 2007 FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): HMMWV Rear Diffemetal Oil Cooler [MOD 19] 1-01-06-0008

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity	4216	4.7																	4216	4.7
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2004 & Prior Equip -- Kits	4216	0.9																	4216	0.9
FY 2005 -- Kits																				
FY 2006 Equip -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	4216	0.9		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	4216	0.9
Total Procurement Cost		5.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		5.6

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: Medium Truck Armor Kits [MOD 20] 0-00-00-0000

MODELS OF SYSTEM AFFECTED:

DESCRIPTION/JUSTIFICATION:

An urgent and validated requirement exists for 1191 FMTV Armor Kits and 2330 M939 5-Ton trucks add-on-armor (AOA) kits in SWA in support of Operation Iraqi Freedom and Operation Enduring Freedom (OEF). These kits include 806 AOA Crew Protection Kits (CPKs), 385 Low Signature Armored Cabs, armored doors with ballistic windows, windshields and air conditioning.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Initial design on the CPKs started in Dec 03, final design completed in Jun 04. The CPKs were tested and obtained safety confirmation in Mar 04. Production started Jun 04 with the first kit installed in country Jul 04.

Initial design of the LSAC started Jun 04, final design complete Oct 04. Testing was completed Oct 04 when safety confirmation was obtained. Production commenced Nov 04 and first cab installed Jan 05.

The M939 preliminary design began Mar 04, final design complete Nov 04. Safety confirmation obtained Aug 04. Production started Jan 05.

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	2993	264	264																	
Outputs	2993	264	264																	

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		3521
Outputs																		3521

METHOD OF IMPLEMENTATION:

Contract Dates:

FY 2006

ADMINISTRATIVE LEADTIME:

0 Months

PRODUCTION LEADTIME:

0 Months

Delivery Date:

FY 2006

FY 2007

FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): Medium Truck Armor Kits [MOD 20] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity	3521	15.7																	3521	15.7
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2004 & Prior Equip -- Kits	3521	39.3																	3521	39.3
FY 2005 -- Kits																				
FY 2006 Equip -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	3521	39.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	3521	39.3
Total Procurement Cost		55.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		55.0

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE: Fuel Tanker Armor Kits [MOD 21] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: M969 5000 Gallon and M1062 7500 Gallon Fuel Tankers

DESCRIPTION/JUSTIFICATION:

Urgent requirements to test and install ballistic protection Fuel Tank Self-sealing System (FTSS) and add-on-armor panels for M969 5000 gallon fuel tankers and M1062 7500 gallon fuel tankers to prevent fuel leakage when hit by small arms fire in Iraq and Kuwait.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Protection for M969 fuel tankers was tested at ATC Oct 04. Protection for M1062 fuel tankers begins at ATC 20 Jan 05. Partial funding for effort to apply ballistic protection to M969 fuel tankers in Iraq and Kuwait beginning Jan 05. Tankers scheduled for installation of protection beginning in Kuwait the week of 15 Jan 05.

Installation Schedule:

Pr Yr	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

	FY 2010				FY 2011				FY 2012				FY 2013				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						0
Outputs																						

METHOD OF IMPLEMENTATION:		ADMINISTRATIVE LEADTIME:	0 Months	PRODUCTION LEADTIME:	0 Months
Contract Dates:	FY 2006		FY 2007		FY 2008
Delivery Date:	FY 2006		FY 2007		FY 2008

INDIVIDUAL MODIFICATION

Date: February 2005

MODIFICATION TITLE (Cont): Fuel Tanker Armor Kits [MOD 21] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2004 and Prior		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement																					
Kit Quantity		3.5																			3.5
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other		0.6																			0.6
Interim Contractor Support																					
Installation of Hardware																					
FY 2004 & Prior Equip -- Kits																					
FY 2005 -- Kits																					
FY 2006 Equip -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
TC Equip- Kits																					
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	0.0
Total Procurement Cost		4.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	4.1

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty												
Gross Cost	71.6	2.8	0.2	0.2	0.4	0.3	0.3	0.5	0.3	0.3		77.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	71.6	2.8	0.2	0.2	0.4	0.3	0.3	0.5	0.3	0.3		77.0
Initial Spares												
Total Proc Cost	71.6	2.8	0.2	0.2	0.4	0.3	0.3	0.5	0.3	0.3		77.0
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

This equipment consists of various tools and shop sets essential to the maintenance of the Army's Worldwide Tactical Wheeled Vehicle Fleet. These sets include components as small as a screwdriver to as large as an International Standard Organizational (ISO) Shelter. The maintenance equipment and tools have multi-application to the maintenance organization tasked with maintaining tactical and support vehicles.

Justification:

FY06/07 funds tool maintenance for the Fuel and Electric Repair Shop Set and the Automotive Field Maintenance Supplement #2 Tool Set requirements. These Sets, Kits and Outfits (SKO's) are on every readiness review and are required for units to properly maintain mandatory operations. Funding also allows for continuation of modernization, revisions, and upgrading of these systems.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/Budget Activity/Serial No. Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)			Weapon System Type:			Date: February 2005			
OPA1 Cost Elements		ID	FY 04			FY 05			FY 06			FY 07		
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. Shop Equip, Fuel & Elec Sys Eng, FM 4940-00-754-0714			138	7	20	144	6	24	241	5	48	192	4	48
2. Shop Equip Auto Repair FM Suppl #2 4910-00-754-0707			70	1	70	75	1	75	90	5	18	54	4	14
3. Program Support			35		35	27		28	47			34		
Total			243			246			378			280		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2005

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

Weapon System Type:

P-1 Line Item Nomenclature:
ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Shop Equip, Fuel & Elec Sys Eng, FM										
FY 2004	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Nov 03	Nov 04	7	20	Y	N	
FY 2005	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Feb 05	Feb 06	6	24	Y	N	
FY 2006	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Dec 05	Dec 06	5	48	Y	N	
FY 2007	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Dec 06	Dec 07	4	48	Y	N	
4940-00-754-0714										
2. Shop Equip Auto Repair FM Suppl #2										
FY 2004	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Nov 03	Nov 04	1	70	Y	N	
FY 2005	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Feb 05	Feb 06	1	75	Y	N	
FY 2006	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Dec 05	Dec 06	5	18	Y	N	
FY 2007	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island IL	Dec 06	Dec 07	4	14	Y	N	
4910-00-754-0707										

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
TOWING DEVICE-FIFTH WHEEL (D09900)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty			33	31	32	33	15					144
Gross Cost			1.9	1.9	2.0	2.0	1.1					8.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			1.9	1.9	2.0	2.0	1.1					8.9
Initial Spares												
Total Proc Cost			1.9	1.9	2.0	2.0	1.1					8.9
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Fifth Wheel Towing Device (FWTD) is a system that attaches to a tractor's fifth wheel converting it into a towing/recovery vehicle. The device transforms a Truck Tractor into an evacuation vehicle capable of recovery, lift-towing or flat-towing another disabled truck. It is capable of lifting up to 30,000 pounds and towing up to 120,000 pounds. When the FWTD is not in use, it can be dismounted and the tractor can perform its normal trailer-towing mission.

Justification:

FY2006/FY2007 procures 65 FWTDs which are used to perform forward recovery missions in the Ordnance, Transportation and Engineer Units and is a critical supplement to organic evacuation and towing assets. It also provides a unit the capability to recover vehicles without the use of a wrecker, especially in Line Haul missions. It provides worldwide service to evacuate, tow, deliver as well as limited recovery capability. The FY2006/FY2007 procurements support fieldings to the US Army Reserve Engineering Units and Transportation Companies.

Program was previously funded under Towing Device, 5th Wheel (D15901), and Items Less than \$5.0 million (DL5110) budget lines.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	66	6	4	1	14	3	3	3	4	4		108
Gross Cost	7.0	0.6	0.5	0.2	2.9	0.6	0.6	0.6	0.8	0.8		14.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	7.0	0.6	0.5	0.2	2.9	0.6	0.6	0.6	0.8	0.8		14.6
Initial Spares												
Total Proc Cost	7.0	0.6	0.5	0.2	2.9	0.6	0.6	0.6	0.8	0.8		14.6
Flyaway U/C												
Wpn Sys Proc U/C												

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:

FY06/07 procures 17 Heavy Armored Commercial Vehicles to fill urgent requirements for the protection of personnel performing support missions within areas of threat. These vehicles are being utilized to support operations in Southwest Asia (e.g. Kuwait, Saudi Arabia, Qatar, Afghanistan, and Iraq). Requirements are expected to increase in Afghanistan and Iraq.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	67530	4	3	5	7	9	9	8	8	8		67591
Gross Cost	261.5	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3		264.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	261.5	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3		264.0
Initial Spares												
Total Proc Cost	261.5	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3		264.0
Flyaway U/C												
Wpn Sys Proc U/C												

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. Passenger Carrying vehicles sedans are used for investigation, field intelligence, and security. Ambulances are essential and life saving vehicles. LAVs 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.

Justification:

FY06/07 procures 16 Passenger Carrying Vehicles. These vehicles are needed to fill shortages and replace over-age vehicles located at Outside Continental United States (OCONUS) activities, including covert activities. The General Services Administration (GSA) does not lease vehicles to many OCONUS locations. Light Armored vehicles (LAV) are being used to support operations in Southwest Asia (e.g. Kuwait, Saudi Arabia, Qatar, Afghanistan, and Iraq). LAVs are also used in South America and Korea. There is a continuous need and increasing demand for LAVs to support ongoing operations in Southwest Asia.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	64079	47	21	4	3	2	2	2	1	1		64162
Gross Cost	678.6	5.7	0.7	0.2	0.4	0.4	0.4	0.4	0.2	0.2		687.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	678.6	5.7	0.7	0.2	0.4	0.4	0.4	0.4	0.2	0.2		687.1
Initial Spares												
Total Proc Cost	678.6	5.7	0.7	0.2	0.4	0.4	0.4	0.4	0.2	0.2		687.1
Flyaway U/C												
Wpn Sys Proc U/C												

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 used 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:

FY06/07 procures five Non-Tactical Vehicles to fill shortages and replace vehicles that are unsafe, overaged and over mileage, as well as uneconomical to repair.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2005

Appropriation/Budget Activity/Serial No: Other Procurement, Army /1/Tactical and support vehicles	P-1 Item Nomenclature SEMITRAILER VAN PERS 80 PASS 7T 2WHL (D31500)
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Program Elements for Code B Items:	Code:	Other Related Program Elements:
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	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	10				1	1	1	1				14
Gross Cost	2.8	0.1		0.0	0.3	0.3	0.3	0.3	0.1	0.1		4.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	2.8	0.1		0.0	0.3	0.3	0.3	0.3	0.1	0.1		4.4
Initial Spares												
Total Proc Cost	2.8	0.1		0.0	0.3	0.3	0.3	0.3	0.1	0.1		4.4
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

This Semi-Trailer is a specially engineered / configured, commercial design vehicle that is pulled by a Tractor Truck. It is intended for the transportation of military personnel and their equipment to and from installation training sites. The Personnel Carrying Semi-Trailer Van is procured from a commercial vendor under a requirements contract.

Justification:

FY06/07 procures two Personnel Carrying Semi-Trailer Vans. These vehicles are needed to replace overage, unsafe, and extremely poor condition Semi-Trailers currently being used to transport military recruits and their equipment to training sites. Many of the existing vehicles are over 30 years old and extremely unsafe. Total Army Acquisition Objective (AAO) is 86.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	48506	36	21	3	1							48567
Gross Cost	379.0	4.1	0.7	0.1	0.0							383.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	379.0	4.1	0.7	0.1	0.0							383.9
Initial Spares												
Total Proc Cost	379.0	4.1	0.7	0.1	0.0							383.9
Flyaway U/C												
Wpn Sys Proc U/C												

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 vehicle, which is used for collecting blood; and expandable semi-trailers used for recruiting purposes. These types of vehicles are procured from specialized vendors.

Justification:

FY06/07 procures one General Purpose Vehicle to replace an over-aged vehicle or fill a shortage. The FY06 cost is \$30,000. Carryalls, utility trucks, and cargo trucks are needed at Outside the Continental United States (OCONUS) locations where General Services Administration (GSA) leasing is not available (e.g. Japan and Korea). Carryalls are also needed for covert OCONUS activities.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2005

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

P-1 Item Nomenclature
SPECIAL PURPOSE VEHICLES (DV0014)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	15563	11		1	1	1	1	1	1	1		15581
Gross Cost	296.7	1.4		0.0	0.1	0.1	0.1	0.1	0.1	0.1		298.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	296.7	1.4		0.0	0.1	0.1	0.1	0.1	0.1	0.1		298.7
Initial Spares												
Total Proc Cost	296.7	1.4		0.0	0.1	0.1	0.1	0.1	0.1	0.1		298.7
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

Vehicles are commercially designed for specialized use in direct support of facility engineering, maintenance and similar activities within an organization. Examples of these vehicles include maintenance trucks, servicing platform trucks, refuse trucks, and other vehicles with mounted equipment. Line construction maintenance trucks, otherwise known as Pole trucks, are being used to support operations in Iraq.

Justification:

FY06/07 procures two Special Purpose Vehicles to replace overage, poor condition vehicles and to fill shortages. Most Special Purpose Vehicles are not available from General Services Administration (GSA) lease; therefore support to the servicing, sanitation, and welfare missions of the field must be provided by procurement. Service platform trucks, line construction trucks, maintenance trucks, and refuse trucks are required to continue the engineering support mission necessary to the operation of posts, camps, and stations worldwide.