

DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book
FY 2003 Budget Estimate

OTHER PROCUREMENT, ARMY
Tactical and Support Vehicles
Budget Activity1

APPROPRIATION

February 2002

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Alphabetic Listing - Other Procurement, Army

Nomenclature	SSN	BLIN	Page
ARMORED SECURITY VEHICLES (ASV)	D02800	10	107
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	DA0500	9	75
FAMILY OF MEDIUM TACTICAL VEH (FMTV)	D15500	7	56
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	D15800	8	64
HEAVY ARMORED SEDAN	D22100	18	178
HI MOB MULTI-PURP WHLD VEH (HMMWV)	D15400	5	43
HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG	DV0021	14	130
ITEMS LESS THAN \$5.0M (TAC VEH)	DL5110	17	173
LINE HAUL ESP	DV0011	15	136
MODIFICATION OF IN SVC EQUIP	DA0924	16	141
NonTactical Vehicles, Other	D30000	20	180
PASSENGER CARRYING VEHICLES	D23000	19	179
SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129A2C	D04800	4	42
Semitrailers, Flatbed:	D01001	2	10
Semitrailers, tankers	D02001	3	24
TACTICAL TRAILERS/DOLLY SETS	DA0100	1	1
Towing Device, 5th Wheel	D15901	12	124
TRUCK, DUMP, 20T (CCE)	D16001	6	51
TRUCK, TRACTOR, LINE HAUL, M915/M916	DA0600	11	112
TRUCK, TRACTOR, YARD TYPE, M878 (C/S)	D16000	13	125

Exhibit P-1M, Procurement Programs - Modification Summary

<u>System/Modification</u>	<u>2000 & Prior</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>To Complete</u>	<u>Total Program</u>
MODIFICATION OF IN SVC EQUIP (DA0924)										
HMMWV 3-PT Seatbelt	23.4	1.0	5.7	3.5		4.4				40.7
M939 Tire Improvement	21.8	14.7	14.9	5.3	4.9				20.8	82.5
M939 Anti-Lock Brake System (ABS)	15.7	15.4	13.6	4.9	4.6				20.2	74.2
HMMWV Rear Differential Oil Cooler			3.6	3.6						7.2
HEMTT Wheel Modification			11.0	42.2	42.0	18.0				113.2
A8020 Fuel Injection Test Stand Upgrade	1.0	6.0								7.0
Aluminum Mesh Liner		7.5	3.5							11.0
M872 Modification Hardware				8.9	6.9					15.8
HEMTT/PLS 4-Point Seatbelt				1.3						1.3
PLS Trailer Wheel Modification				3.6						3.6
HMMWV 3PT Seatbelts-M996 Mini Ambulance										0.3
HMMWV 3PT Seatbelts-M997 Maxi Ambulance							1.9	1.0		2.9
HMMWV M997 Maxi-Ambulance A/C Upgrade							0.0	4.0		4.0
High Mobility Trailer MWOs		2.6								2.6
Total	61.9	47.2	52.2	73.3	58.3	22.4	4.9	5.0	41.0	366.3
Grand Total	61.9	47.2	52.2	73.3	58.3	22.4	4.9	5.0	41.0	366.3

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	188594	997	161	164	57	96	1041	1140	1066			193316
Gross Cost	304.5	12.8	30.5	8.0	4.7	8.7	18.1	16.3	15.8			419.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	304.5	12.8	30.5	8.0	4.7	8.7	18.1	16.3	15.8			419.4
Initial Spares												
Total Proc Cost	304.5	12.8	30.5	8.0	4.7	8.7	18.1	16.3	15.8			419.4
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

This is a roll-up of various tactical trailers and dolly sets which are used for such missions as transporting generators, shelters, drinking water, ammunition and general cargo. Prime movers for these trailers range from the Commercial Utility Cargo Vehicle (CUCV) to the 10-Ton M977 series Heavy Expanded Mobility Tactical Truck (HEMTT). This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funding supports Army National Guard Multiple Launch Rocket System (MLRS) pods requirement for the Heavy Expanded Mobility Ammunition Trailer (HEMAT).

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
HEAVY, EXPANDED MOBILITY (D05700) CARGO, 1 1/2T, 2W, M105A2 (D06400) SELF-LOAD/OFF-LOAD TRAILER (DA0101)	A A				6628 1385	90	74	3690 1000	48 9	77 80	8690	96	91
Total					8013			4690			8690		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	1642		125	90	48	96	38					2039
Gross Cost	28.9		12.8	6.6	3.7	8.7	3.7					64.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	28.9		12.8	6.6	3.7	8.7	3.7					64.4
Initial Spares												
Total Proc Cost	28.9		12.8	6.6	3.7	8.7	3.7					64.4
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Heavy Expanded Mobility Ammunition Trailer (HEMAT) is a 11-Ton lunette trailer used to transport Multiple Launch Rocket System (MLRS) pods, general ammunition pallets, 2 each 600-gallon aircraft fuel pods, 4 each Hellfire missile pallets, 500-gallon rubber fuel bladders, and other similar cargo. The HEMAT travels over cross-country and highway up to 55 miles per hour. The prime movers are the M977 series HEMTT 10-Ton Trucks. The HEMAT is transportable in C130, C141, and C5 aircraft and is marine and rail transportable. This unique trailer must meet rough terrain requirements in demand for MLRS, aviation, and Interim Brigade Combat Team. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures Multiple Launch Rocket System (MLRS) pods for the Army National Guard. The Army Acquisition Objective (AAO) is 2,465.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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					5463	90	61	2964	48	62	7254	96	76
2. FRET					656			356			870		
SubTotal					6119			3320			8124		
2. ECPs					101			89			218		
3. Testing					96								
4. System Fielding Support					105			107			146		
5. Engineering Support					107			50			51		
6. PM Support					100			124			151		
Total					6628			3690			8690		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 2001	Systems & Electronics, Inc. St. Louis, MO	OPTION/FFP	TACOM, Warren, MI	Jan 01	Dec 01	90	61	Yes	N/A	N/A
FY 2002	Systems & Electronics, Inc. St. Louis, MO	SS/FFP	TACOM, Warren, MI	Jun 02	Jan 03	48	62	Yes	N/A	Dec 01
FY 2003	Systems & Electronics, Inc. St. Louis, MO	OPTION/FFP	TACOM, Warren, MI	Jan 03	Aug 03	96	76	Yes	N/A	N/A

REMARKS: Awaiting Materiel Release planned for June 2002.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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

P-1 Item Nomenclature
SELF-LOAD/OFF-LOAD TRAILER (SLOT) (DA0101)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty		60	36		9							105
Gross Cost		6.1	5.2		1.0							12.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)		6.1	5.2		1.0							12.2
Initial Spares												
Total Proc Cost		6.1	5.2		1.0							12.2
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Self-Loading/Off-Loading Trailer (SLOT) is a multi-functional trailer with the capability to self-load/off-load and transport operable and inoperable Wheeled Tracked Vehicles, Material Handling Equipment (MHE), Engineer Construction Equipment (ECE) and other cargo containers up to the vehicle payload capacity. These vehicles shall operate world wide, both on and off road, under all weather conditions. The SLOT shall augment M870 Semi-Trailers used in engineer construction, quarry, and bridging units identified to transport the Hydraulic Excavator (HYEX) and unit organic cargo and equipment as needed for payloads up to 40-tons. The M916 series tractor is the intended prime mover. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

The Self-Load/Off-Load Trailer had Congressional adds appropriated in FY99 - \$6,054,000, FY00 - \$5,187,000, and FY02 - \$1,000,000.

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: SELF-LOAD/OFF-LOAD TRAILER (SLOT) (DA0101)			Weapon System Type:			Date: February 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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								720	9	80			
Testing(IPT)													
System Technical Support													
Engineering Support								50					
Quality Assurance Support													
Project Management Support								230					
Total								1000					

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	17666	105	195	95	780	1019	861	146	118	115		21100
Gross Cost	293.2	5.5	7.7	7.6	29.1	39.1	32.3	7.7	5.8	5.8		433.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	293.2	5.5	7.7	7.6	29.1	39.1	32.3	7.7	5.8	5.8		433.8
Initial Spares												
Total Proc Cost	293.2	5.5	7.7	7.6	29.1	39.1	32.3	7.7	5.8	5.8		433.8
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 volts electrical system including Light Emitting Diode (LED) lights and is equipped with 12-inch over width extensions to expand the trailer width to 126-inches. The Semi-Trailer connected to its prime movers via either a 2 or 3.5-inch king pin assembly. The trailer is not equipped with a self-contained hydraulic system. The trailer hydraulics will be provided via the prime mover by the installation of a quick disconnect kit to be provided by the Material Developer during vehicle deprocessing activities.

2. The Semi-Trailer, Flatbed/Break Bulk (FB/BB) Container Transporter 22 ½-Ton, is a tactical, dual purpose, bulk and container transporter. The Semi-Trailer will be used within Continental United States (CONUS), and Outside the Continental United States (OCONUS) military logistics support system theaters to transport 20' International Standard Organization (ISO) Containers on line haul missions and are the primary means of distributing containers and bulk cargo. This trailer will also be used to deploy the Laundry Advanced System (LAD) and Reverse Osmosis Water Purification Unit (ROWPU). It will be employed by military 5-Ton and Family of Medium Tactical Vehicles tractors for use over primary, secondary, and unimproved secondary roads or military adapted commercial line haul series tractors over primary roads.

3. The M872A4 Semi-Trailer Dual Purpose, Break Bulk/Container Transporter 34-Ton, 40-Feet is required for line haul and local haul of break bulk cargo and fully loaded ISO containers up to 40-feet in length within an overseas theater of operations from the port area to as far forward as the corps general support supply activities. Normal employment will be over primary and improved secondary roads in conjunction with the military adapted commercial 6x4 line haul tractor M915. The Semi-Trailer will have a maximum rated payload of 68,000 pounds and will be capable of a daily operating range of at least 300 miles at sustained speeds of 50-60 miles per hour.

These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures shortages in units to support transportation of various cargo and equipment.

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 2002			
OPA1 Cost Elements		ID	FY 00			FY 01			FY 02			FY 03		
		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
Semitrl LB 40T M870A3						3149	30	105	1888	27	70	1927	25	78
Semitrl FB BB/Cont Tr 34T M872A4									17088	496	35	25340	732	35
Semitrl FB BB/Cont Tr 22 1/2T M871A3						4496	65	70	10137	257	40	11828	262	46
Total						7645			29113			39095		

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	1930	41		30	27	25	23	20				2096
Gross Cost	37.9	2.9	0.7	3.1	1.9	1.9	1.8	1.5				51.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	37.9	2.9	0.7	3.1	1.9	1.9	1.8	1.5				51.8
Initial Spares												
Total Proc Cost	37.9	2.9	0.7	3.1	1.9	1.9	1.8	1.5				51.8
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The M870A3 Semi-Trailer Lowbed (LB) 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 volts electrical system including Light Emitting Diode (LED) lights and is equipped with 12-inch over width extensions to expand the trailer width to 126-inches. The Semi-Trailer connected to its prime movers via either a 2 or 3.5-inch king pin assembly. The trailer is not equipped with a self-contained hydraulic system. The trailer hydraulics will be provided via the prime mover by the installation of a quick disconnect kit to be provided by the Material Developer during vehicle deprocessing activities. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funding will fill 78% of the Army Acquisition Objective (AAO) shortage in concert with supporting the Total Army Analysis (TAA)-07. The 40-Ton Semi-Trailer LB is the primary hauler of engineer equipment worldwide. The Army Acquisition Objective is 2,637. It carries such diverse loads as rollers and forklifts, cranes, graders, various sizes dozers and paving machines as well as general construction materials of all types. The Semi-Trailer will fill requirements for the TAA-07 Truck Company Plus Up.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	5867	64	195	53	257	262	178	85	78	75		7114
Gross Cost	96.1	2.6	7.1	4.5	10.1	11.8	8.1	4.3	4.0	4.0		152.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	96.1	2.6	7.1	4.5	10.1	11.8	8.1	4.3	4.0	4.0		152.6
Initial Spares												
Total Proc Cost	96.1	2.6	7.1	4.5	10.1	11.8	8.1	4.3	4.0	4.0		152.6
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The M871A3 Semi-Trailer, Flatbed/Break Bulk (FB/BB) Container Transporter 22 ½-Ton, is a tactical, dual purpose, bulk and container transporter. The Semi-Trailer will be used within Continental United States (CONUS), and Outside the Continental United States (OCONUS) military logistics support system theaters to transport 20' International Standard Organization (ISO) Containers on line haul missions and are the primary means of distributing containers and bulk cargo. It will be employed by military 5-Ton and Family of Medium Tactical Vehicles tractors for use over primary, secondary, and unimproved secondary roads or military adapted commercial line haul series tractors over primary roads. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funding fills approximately 65% of the Army's Acquisition Objective of 10,358 for the Semi-Trailer FB/BB Container Transporter 22 ½-Ton, which is an authorized worldwide (CONUS/OCONUS) transporter within military logistics system of ISO Containers. Besides hauling ammunition and general cargo, the Semi-Trailer FB/BB Container Transporter 22 ½-Ton is primary transporter of the 3,000-gallon Reverse Osmosis Water Purification Units (ROWPU) and the Laundry Advanced System (LADS). The Semi-Trailer FB/BB Container Transporter 22 ½-Ton is employed by military standard 5-Ton and FMTV tractors for use over primary, secondary, and unimproved secondary roads, and by the military adapted commercial Line Haul series tractors. This model trailer corrects problems of the fielded model with load height bridge clearance and mating with the FMTV. Without this new model, containerized loads may be required to bypass supply routes inhibiting mission completion.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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					3439	53	65	8224	257	32	9735	262	38
FET					469			987			1168		
Testing - PVT					115			147			124		
System Technical Spt					85			130			134		
Engineering Support					50			150			125		
Quality Assurance					55			20			20		
Program Management					186			216			246		
System Fielding					97			263			276		
Total					4496			10137			11828		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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
Vehicle										
FY 2000	Fontaine Hallivalley, AL	MIPR	GSA, Arlington, VA	Feb 00	Apr 02	195	26	Yes	N/A	
FY 2001	Fontaine Hallivalley, AL	MIPR	GSA, Arlington, VA	Mar 01	Nov 02	53	65	Yes	N/A	
FY 2002	TBS	C/FP	TACOM, Warren, MI	Mar 02	Feb 03	257	32	Yes	N/A	Aug 01
FY 2003	TBS	Option	TACOM, Warren, MI	Jan 03	Jul 03	262	38	Yes		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	9869				496	732	660	41	40	40		11878
Gross Cost	159.2				17.1	25.3	22.4	1.8	1.8	1.8		229.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	159.2				17.1	25.3	22.4	1.8	1.8	1.8		229.4
Initial Spares												
Total Proc Cost	159.2				17.1	25.3	22.4	1.8	1.8	1.8		229.4
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The M872 Semi-Trailer Dual Purpose, Break Bulk/Container Transporter, 34-ton, 40-foot is required for line haul and local haul of break bulk cargo. This Semi-Trailer can fully load ISO containers up to 40-feet in length. These containers can originate from an overseas theater of operations port area for delivery as far forward as the corps general support supply activities. Normal employment will be over primary and improved secondary roads in conjunction with the military adapted commercial 6x4 line haul tractor. The Semi-Trailer will have a maximum rated payload of 68,000 pounds and will be capable of daily operating ranges of at least 300 miles at sustained speeds of 50-60 miles per hour. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funding procures replacement of 20-25 year-old trailers that are experiencing structural failures, low readiness are required to support the transportation of cargo and equipment throughout the world. Military and commercial containers up to 40-feet in length and maximum allowable Gross Vehicle Weights up to 68,000 pounds will be used extensively to move military from CONUS installations to Port of Embarkation and from Ports of Debarkation forward to battlespace. Semi-trailers capable of transporting large cargo sizes and weights at relatively high speeds will be required for the rapid line haul transport of these containers within the theater. Current Army Acquisition Objective (AAO) is 8,351.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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								14257	496	29	21509	732	30
Federal Retail Excise Tax								1944			2933		
Testing - PVT								282			260		
System Technical Support								248			263		
Engineering Support								110			110		
Quality Assurance								40			20		
Program Management								100			100		
System Fielding								107			145		
Total								17088			25340		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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
Vehicle FY 2002 FY 2003	TBS TBS	C/FP REQ5 REQ5 (2)	TACOM, Warren, MI TACOM, Warren, MI	JUN 02 JAN 03	OCT 02 AUG 03	496 732	29 30	No		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

P-1 Item Nomenclature
Semitrailers, tankers (D02001)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	4369	100	217	544	61	69	91	84	88	88		5711
Gross Cost	257.3	6.1	17.7	36.8	6.6	7.9	10.2	9.4	10.0	10.0		372.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	257.3	6.1	17.7	36.8	6.6	7.9	10.2	9.4	10.0	10.0		372.0
Initial Spares												
Total Proc Cost	257.3	6.1	17.7	36.8	6.6	7.9	10.2	9.4	10.0	10.0		372.0
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

1. Semi-trailer Tank 5000-Gallon - The 5000-Gallon is a low profile Bulkhaul Semi-Trailer designed to transport/dispense gasoline, diesel, and aviation fuels. The M900 series is comprised of the M967A2 bulkhauler, the M969A3 automotive refueler. When empty, these Semi-Trailers are air transportable on C130, C141, C17, and C5A aircraft. These Semi-Trailers are designed to be towed by a truck tractor equipped with a fifth wheel. Authorized primer movers for highway and cross-country include the 5-Ton Truck Tractor and FMTV Tractor. For highway only, the military adapted commercial 6x4 Truck Tractors (M915) that are authorized. Features of the Semi-Trailer include a stainless steel, single compartment tank of 5000G capacity, top and bottom loading capacity, an automotive overflow shutoff device and gravity discharge capability. The Semi-Trailer is 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. The end adapter of the vapor recovery system/kit is compatible with a four-inch quick disconnect field connection, such as those used at fuel depots. M967A2/M969A3 Semi-Trailers will be equipped with an anti-lock braking system.

2. Semi-Trailer Tank, 7500-Gallon Bulkhaul. The 7500G will transport petroleum products from the source (e.g. Communication Zone (COMMZ) and Rear Corp. areas), the Forward Division area(s) where the fuel is transferred into tactical refueling systems for retail distribution into combat and services support vehicles, aircraft and other ground equipment. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

1. Semi-Trailer Tank 5000-Gallon Bulkhaul: The funding through FY01 will fill 72% of the Army Acquisition Objective (AAO) of 2,715 in concert with supporting the Total Army Analysis (TAA)-07 for the Semi-trailer Bulkhaul. The remaining petroleum distribution requirement will be filled by Tank Rack and Hoseline Systems. In addition, newly activated Medium Transportation Petroleum Guard and Reserve Units have been stood up and have been fielded dedicated M915A3s to haul the M967A2s. If this funding is not received, this bulkhaul capability will not be met.

2. Semi-Trailer Tank 5000-Gallon Automotive: Funding through FY03 will fill 90% of the Army Acquisition Objective (AAO) of 2,717 in concert with supporting the Total Army Analysis (TAA)-07 for the Semi-Trailer Automotive. This TAA-07 process recognized that a sever shortage of petroleum distribution personnel and equipment exists in the current Army force structure.

3. Semi-Trailer Tank 7500-Gallon: Funding through FY01 will fill 40% of the Army Acquisition Objective (AAO) of 2,883 in concert with supporting the Total Army Analysis (TAA)-07.

Exhibit P-40C, Budget Item Justification Sheet

Date:

February 2002

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

P-1 Item Nomenclature

Semitrailers, tankers (D02001)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

To correct the petroleum distribution equipment problem, many petroleum related units were added to the Army's force structure in the Active, Reserve and National Guard Components. Additional M967A2 Tankers will be procured in lieu of M1062 (7500-Gallon) Tankers.

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 2002			
OPA1 Cost Elements		ID	FY 00			FY 01			FY 02			FY 03		
		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
Semitrl Tank 5000G Bulkhaul (D02304)						26737	358	75						
Semitrl Tank 5000G Automotive (D02306)						1200	9	134	6618	61	109	7862	69	114
Semitrl Tank, 7500G Bulkhaul (D02700)						8827	177	50						
Total						36764			6618			7862		

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

P-1 Item Nomenclature
SEMITRAILER TANK , 5000G, BULKHAUL (D02304)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	1418		217	358								1993
Gross Cost	67.5		16.2	26.7								110.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	67.5		16.2	26.7								110.4
Initial Spares												
Total Proc Cost	67.5		16.2	26.7								110.4
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The M967A2 5000-Gallon Fuel Tanker Semi-Trailer performs bulk fuel hauling from Corps to Division Main Supply battalions. The M967A2 Tanker is found primarily in Transportation Medium Truck Companies, Petroleum, assigned to the Quartermaster Battalion. It is equipped primarily for bulk delivery of fuel. These Semi-Trailers do not have the dispensing capability of the M969A3 Semi-Trailers, but are equipped with a four-cylinder diesel engine and four-inch centrifugal pump. The self-priming, low head pump provides a self-load rate of up to 300-gallons per minute and bulk delivery rate up to 600-gallons per minute. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

The funding through FY01 will fill 72% of the Army Acquisition Objective (AAO) of 2,715 in concert with supporting the Total Army Analysis (TAA)-07 for the Semi-Trailer Bulkhaul. The remaining petroleum distribution requirement will be filled by Tank Rack and Hoseline Systems. Additional M967A2 Tankers are being procured in lieu of M1062 7500-Gallon Tankers. Newly activated Medium Transportation Petroleum Guard and Reserve Units have been stood up and have been fielded dedicated M915A3s to haul the M967A2s. If this funding is not received, this bulkhaul capability will not be met.

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, BULKHAUL (D02304)			Weapon System Type:			Date: February 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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					23051	358	65						
Federal Retail Excise Tax					3143								
Testing PVT - ATC					50								
System Technical Support					45								
Engineering Support					83								
Quality Support													
Program Management Support					244								
System Fielding Support					121								
Total					26737								

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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

Weapon System Type:

P-1 Line Item Nomenclature:
SEMITRAILER TANK , 5000G, BULKHAUL (D02304)

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 2000	Heil Trailer International Chattanooga, Tennessee	C/FP REQ5	TACOM, Warren, MI	Nov 01	Apr 02	217	75	Yes	NA	Nov 00
FY 2001	Heil Trailer International Chattanooga, Tennessee	REQ5 (2)	TACOM, Warren, MI	Nov 01	Feb 03	358	65	Yes		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	2224	30		9	61	69	91	84	88	88		2744
Gross Cost	166.8	5.5	1.0	1.2	6.6	7.9	10.2	9.4	10.0	10.0		228.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	166.8	5.5	1.0	1.2	6.6	7.9	10.2	9.4	10.0	10.0		228.6
Initial Spares												
Total Proc Cost	166.8	5.5	1.0	1.2	6.6	7.9	10.2	9.4	10.0	10.0		228.6
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. Deadman and overflow prevention features are included. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

Funding through FY03 will fill 90% of the Army Acquisition Objective (AAO) of 2,717 in concert with supporting the Total Army Analysis (TAA)-07 for the Semi-Trailer Automotive. This TAA-07 process recognized that a severe shortage of petroleum distribution personnel and equipment exists in the current Army force structure.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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					945	9	105	5673	61	93	6419	69	94
Federal Retail Excise Tax					113			680			875		13
Testing PVT- ATC								49					
System Technical Support					33			35			89		
Engineering Support					45			20			77		
Quality Assurance					10			29			75		
Program Management Support					16			132			211		
System Fielding Support					38						116		
Total					1200			6618			7862		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 2001	Heil Trailer International Chattanooga, Tennessee	REQ5 (2)	TACOM, Warren, MI	Nov 01	Apr 02	9	105	Yes	N/A	
FY 2002	Heil Trailer International Chattanooga, Tennessee	REQ5 (3)	TACOM, Warren, MI	Jan 02	Nov 02	61	93	Yes		
FY 2003	Heil Trailer International Chattanooga, Tennessee	REQ (4)	TACOM, Warren, MI	Jan 03	Nov 03	69	94	Yes		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

P-1 Item Nomenclature
SEMITRAILER, TANK, 7500G/9200G, BULKHAUL (D02700)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	727	70		177								974
Gross Cost	22.5	0.6	0.5	8.8								32.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	22.5	0.6	0.5	8.8								32.5
Initial Spares												
Total Proc Cost	22.5	0.6	0.5	8.8								32.5
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Semi-Trailer Tank, 7500-Gallon Bulkhaul procurement will transport petroleum products from the source (e.g. Communication Zone (COMMZ) and Rear Corp areas), to the Forward Division area(s) where the fuel is transferred into tactical refueling systems for retail distribution into combat and services support vehicles, aircraft and other ground equipment. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

Funding through FY01 will fill 40% of the Army Acquisition Objective (AAO) of 2,883 in concert with supporting the Total Army Analysis (TAA)-07. To correct the petroleum distribution equipment problem, many petroleum related units were added to the Army's force structure in the Active, Reserve and National Guard Components.

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, 7500G/9200G, BULKHAUL (D02700)			Weapon System Type:			Date: February 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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					7040	177	40						
Federal Retail Excise Tax					960								
Test Vehicles													
Test-PVT													
System Technical Support					110								
Engineering Support					146								
Quality Assurance Support					68								
Program Management Support					364								
System Fielding Support					139								
Total					8827								

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon System Type:			P-1 Line Item Nomenclature: SEMITRAILER, TANK, 7500G/9200G, BULKHAUL (D02700)					
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 2001	TBS	Option	TACOM, Warren, MI	Mar 02	Aug 02	177	40			

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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

P-1 Item Nomenclature
SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129A2C (D04800)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	1344	71	94									1509
Gross Cost	44.7	6.3	7.5	0.3								
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	44.7	6.3	7.5	0.3								
Initial Spares												
Total Proc Cost	44.7	6.3	7.5	0.3								
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Semi-trailer Van Cargo is a 12-Ton, 35-Foot, military designed with four wheels, and multi-purpose Tactical Semi-Trailer Van. The van body construction is aluminum to reduce the corrosion problem experienced on the predecessor systems. The construction of the van body is air and watertight. The solid-state 12/24-volt DC electrical system is compatible with military and commercial tractors. The Semi-Trailer Van meets current transportability standards. The vehicle has built-in flexibility to permanently secure modular storage and drawer systems for the transportation and issuance of shop inventories and military supplies. Prime mover is the military 5-Ton Truck. These items support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

The Semi-trailer Van Cargo configuration that is used by various types of support units engaging in storage, transportation and issuance of military supplies. The van houses sophisticated electrical equipment (radio and computerized) for command post communications, spare parts, and maintenance tool shops for field repairs. The user has 100% mobility requirement to store, transport and resupply Prescribed Load List/Authorized Support List (PLL/ASL) Class IX items and 80% of the repair parts to the forward elements in a relatively short period of time (20 minutes). The remaining 20% of the repair parts will be in place within a 3-4 hour timeframe.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

P-1 Item Nomenclature
HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty		675	841	1236	1250	2064	2140	2032	3240	6092		19570
Gross Cost	3088.0	74.6	91.3	134.6	148.8	196.8	204.3	201.4	291.3	506.8		4937.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	3088.0	74.6	91.3	134.6	148.8	196.8	204.3	201.4	291.3	506.8		4937.8
Initial Spares												
Total Proc Cost	3088.0	74.6	91.3	134.6	148.8	196.8	204.3	201.4	291.3	506.8		4937.8
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, high mobility tactical family of wheeled vehicles. The vehicle has a diesel engine, automatic transmission and payloads of 2500 lbs. (HMMWV Group 1), 3660 lbs. (HMMWV Group II), 4400 lbs. (Heavy HMMWV M1097), and 5100 lbs. (Expanded Capacity Vehicle (M1113). The Block 1, or A1 models of the HMMWV began fielding in March 1994. The A1 models have improved seating and M1097 components across the family. The A2 models began fielding in October 1997. The A2 models have an updated engine and a 4-speed electronic controlled automatic transmission. The Scout HMMWV is a specially modified armament carrier to accommodate the Scout mission role. The Up-Armored HMMWV (M1114) provides its crew complete ballistic protection against anti-tank and anti-personnel mines (up to 12 pounds of explosive), and 360-degree protection against 7.62 armor-piercing munitions. The M1113 Expanded Capacity Vehicle (ECV) will be used for other programs where the M1097 capacity is insufficient. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funding procures 2,064 HMMWV's. These vehicles are required to fill shortages in the Army inventory. The M1114 Up-Armored HMMWV will be used to replace select vehicles in military police units. The M1114 improves the protection levels of light tactical vehicles. The M1025A2 will be used to support the Striker program. M1097A2's and M1113 Expanded Capacity Vehicles support Army Interchange requirements. Vehicles will be placed in high priority units. The Army Acquisition Objective (AAO) is 122,000.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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													
Up-Armor M1114 (D15402)					30575	450	68	31836	467	69	24850	360	70
Hvy Var M1097A2 (D15402)					43636	752	59	29250	489	60	57913	920	63
Truck Utility M1025A2 (D15402)					2365	34	70	8228	112	74	3305	44	76
ECV M1113 (D15402)								11761	182	65	50245	740	68
Subtotal					76576			81075			136313		
Engineering Changes					2757			2919			4089		
Kits					4265			7817			6302		
Government Testing													
Comparison Test (ATC)					209			213			215		
Cooling Test (YPG)													
Preproduction Qualification Test					290			295			299		
System Technical Support (STS)					8002			9935			9910		
Engineering Support - In-House					1410			1435			1454		
Government Furnished Equipment (Chassis)					33632	450	75	35312	467	76	28405	360	79
Fielding Support					3691			5965			5932		
Project Management Support					3750			3814			3864		
Total					134582			148780			196783		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 (D15402)										
FY 2001	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Dec 00	Jun 01	450	68	Yes	N/A	N/A
FY 2002	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Dec 01	Jun 02	180	69	Yes	N/A	N/A
FY 2002	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Jan 02	Jul 02	180	69	Yes	N/A	N/A
FY 2002	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Feb 02	Aug 02	107	69	Yes	N/A	N/A
FY 2003	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Jan 03	Jul 03	360	70	Yes	N/A	N/A
Hvy Var M1097A2 (D15402)										
FY 2001	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 00	May 01	752	59	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 01	May 02	489	60	Yes	N/A	N/A
FY 2003	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 02	May 03	920	63	Yes	N/A	N/A
Truck Utility M1025A2 (D15402)										
FY 2001	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 00	May 01	34	70	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 01	May 02	72	74	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Feb 02	Aug 02	40	74	Yes	N/A	N/A
FY 2003	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 02	May 03	44	76	Yes	N/A	N/A

REMARKS: AM General is the current contractor for the M1097A2, M1025A2 and the ECV M1113. 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 2002

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
ECV M1113 (D15402)										
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 01	May 02	182	65	Yes	N/A	N/A
FY 2003	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 02	May 03	740	68	Yes	N/A	N/A
Government Furnished Equipment (Chassis)										
FY 2001	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 00	May 01	450	75	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Dec 01	Jun 02	180	76	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Jan 02	Jul 02	180	76	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Feb 02	Aug 02	107	76	Yes	N/A	N/A
FY 2003	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 02	May 03	360	79	Yes	N/A	N/A

REMARKS: AM General is the current contractor for the M1097A2, M1025A2 and the ECV M1113. 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 2002

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

P-1 Item Nomenclature
TRUCK, DUMP, 20T (CCE) (D16001)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			65	23	30	70	60	29	28	115		420
Gross Cost			13.1	5.0	8.0	17.1	15.3	8.2	8.2	33.7		108.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			13.1	5.0	8.0	17.1	15.3	8.2	8.2	33.7		108.6
Initial Spares												
Total Proc Cost			13.1	5.0	8.0	17.1	15.3	8.2	8.2	33.7		108.6
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The M917A2 20-Ton Dump Truck is a non-developmental item used to load, transport, and dump payloads of sand and gravel aggregates, crushed rock, hot paving mixes, earth, clay, rubble, and large boulders at engineering and construction sites under worldwide climatic conditions in a military environment. This truck has a heavy duty steel, 18.5-Ton, 14 cubic yard capacity, in a cab controlled double action hydraulic hoist system capable of a 50-degree tilt angle, 8-inch high removable sideboards, easy wind tarpaulin system, and an air actuated tailgate lock. This 18.5-Ton Dump Truck is transportable by highway, rail, marine, and air modes worldwide. This Dump Truck with the Material Control System (MCS) has an air actuated four-door tailgate controlled by the operator, capable of dumping loads through any one or all four gates. The M917A2 Dump Truck replaces the 25-year old F5070 and the 19-year old M917 Dump Trucks on a one-for-one basis in existing engineering units. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures 70 M917A2 Dump Trucks that are required to replace overage F5070 and M917 dump trucks, which are becoming increasingly difficult and costly to maintain. The Army Acquisition Objective (AAO) is 1,076.

Note: FY00 is the first year that the 20-Ton Dump Truck is OPA 1. Previously, it was OPA 3. M917A1 Dump Truck procurements thru FY99 were 551.

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, DUMP, 20T (CCE) (D16001)			Weapon System Type:			Date: February 2002			
OPA1 Cost Elements		ID	FY 00			FY 01			FY 02			FY 03		
		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. M917A2 - W/O Material Control System						3042	18	169						
2. M917A2- W/Material Control System						900	5	180	5520	30	184	13020	70	186
3. FET/M917A2-W/O Material Control Sys						365								
4. FET/M917A2-W/Material Control Sys						93			662			1595		
5. Engineering Change Proposals						60			200			254		
6. Documentation						54			310			410		
7. Testing - Prod Verification Testing						70			315			550		
8. Engineering - In House						50			100			150		
9. Program Management Support						300			350			450		
10. System Fielding Support						100			565			650		
Total						5034			8022			17079		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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

Weapon System Type:

P-1 Line Item Nomenclature:
TRUCK, DUMP, 20T (CCE) (D16001)

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. M917A2 - W/O Material Control System										
FY 2001	Freightliner Corporation Portland, OR	Option/CFP	TACOM, Warren, MI	Dec 00	Jun 01	12	169	YES	N/A	
FY 2001	Freightliner Corporation Portland, OR	Option/CFP	TACOM, Warren, MI	Sep 01	Mar 02	6	169	YES	N/A	
2. M917A2- W/Material Control System										
FY 2001	Freightliner Corporation Portland, OR	Option/CFP	TACOM, Warren, MI	Sep 01	Mar 02	5	180	YES	N/A	
FY 2002	Freightliner Corporation Portland, OR	Option/CFP	TACOM, Warren, MI	Feb 02	Aug 02	30	184	YES	N/A	
FY 2003	Freightliner Corporation Portland, OR	Option/CFP	TACOM, Warren, MI	Dec 02	Jun 03	70	186	YES	N/A	

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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

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

Program Elements for Code B Items:

Code:
A

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

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	10869	1439	1916	2269	2464	3574	1990	3350	3847	6790	44363	82871
Gross Cost	1520.4	335.6	422.6	465.0	464.1	681.4	432.5	696.9	775.5	1281.0	11166.1	18241.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1520.4	335.6	422.6	465.0	464.1	681.4	432.5	696.9	775.5	1281.0	11166.1	18241.1
Initial Spares	0.1	0.1										0.2
Total Proc Cost	1520.5	335.6	422.6	465.0	464.1	681.4	432.5	696.9	775.5	1281.0	11166.1	18241.3
Flyaway U/C												
Wpn Sys Proc U/C												

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, and dump truck models. Sub-variants provide Air Drop (AD) capability for contingency and rapid deployment operations. The commonality between variants significantly reduces operation and maintenance costs. FMTV will perform 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. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures 1002 2-1/2-ton and 5-ton trucks via the first year of the competitive rebuy multiyear contract scheduled for award in Mar 03. FY03 also procures 2,572 trucks via the option clause of the current sole-source multiyear plus option contract. This option eliminates a production break between the two contracts. The FMTV is required to fill the 2-1/2-ton truck (LMTV) and 5-ton truck (MTV) requirements, reduce operating and support costs, resolve potential operational deficiencies and operate throughout the theater as multi-purpose transportation vehicles used by combat, combat support, and combat service support units. The system is designed to be rapidly deployable worldwide and operate on primary and secondary roads, trails, and cross-country terrain in all climatic conditions.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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. Vehicles													
--LMTV Cargo					54680	404	136	186379	1370	137	215553	1617	134
--LMTV Cargo w/ winch					15489	106	147	56263	382	148	30972	215	145
--LMTV Cargo-Air Drop													
--LMTV Cargo-Air Drop w/ winch													
--LMTV Van					17084	86	199				404	2	202
--LMTV Van w/ winch													
--LMTV Chassis													
SUBTOTAL LMTV					87253			242642			246929		
--MTV Cargo					122788	785	157	50907	323	158	94089	605	156
--MTV Cargo w/ winch					13938	84	166				10640	64	167
--MTV Cargo-Air Drop													
--MTV Cargo-Air Drop w/ winch													
--MTV Cargo-Long Wheel Base (LWB)					791	5	159	11246	70	161	8349	52	161
--MTV Cargo-LWB w/ winch											514	3	172
--MTV Cargo-LWB & Mat'l Handl Equip (MHE)											2592	12	216
--MTV Cargo MHE					11268	53	213				3833	18	213
--MTV Dump											13894	71	196
--MTV Dump w/ winch											611	3	204
--MTV Tractor					91751	632	146	40834	260	158	115832	757	154
--MTV Tractor w/ winch					8597	52	166	9890	59	168	11421	70	164
--MTV Wrecker					20204	62	326				24734	75	330
--MTV Expansibile Van											2724	10	273
--MTV Tanker													
--MTV Chassis													
--MTV Chassis-LWB													
--MTV Water Tanker													
SUBTOTAL MTV					269337			112877			289233		
LMTV Trailers					8360	260	33	8151	260	32	12680	410	31
MTV Trailers					11666	260	45	11542	260	45	13498	310	44
SUBTOTAL TRAILERS					20026			19693			26178		
2. Federal Retail Excise Tax					16056			6087			22140		
3. Engineering Changes					13056			6175			14484		

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
4. Testing													
--Contractor					721			1174			7616		
--Government					2012			2046			2087		
5. Contractor Program Support					8352			6905			13948		
6. Engineering Support													
--Government (In-house)					3881			4362			4449		
--Contractor					7650			7461			14242		
--Competitive Evaluation					11777			10000					
7. Quality Assurance Support (In-house)					338			344			351		
8. HAC S&I A0 Improvements					6265			18251			11913		
9. Fielding Support					12025			19702			21258		
10. Project Mgmt Support					6212			6418			6545		
Total					464961			464137			681373		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 2001	Stewart & Stevenson, Inc. Sealy, TX	SSM-4(4)	TACOM, Warren, MI	Dec 00	Oct 01	2042	161			
FY 2001	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM, Warren, MI	Feb 01	Oct 01	227	128			
FY 2002	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM, Warren, MI	Dec 01	Oct 02	2400	145			
FY 2002	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM, Warren, MI	Mar 02	Jan 03	64	146			
FY 2003	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM, Warren, MI	Nov 02	Oct 03	2572	145			
FY 2003	TBS TBD	CM-5(1)	TACOM, Warren, MI	Mar 03	Feb 04	1002	166			8/02
--Competitive Evaluation										
FY 2001	S&S, Inc. & Oshkosh Truck Corp Sealy, TX & Oshkosh, WI	CFFP	TACOM, Warren, MI	Apr 01	n/a					12/00

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 2002

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:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			8	52	10	38	80	34	17	15		254
Gross Cost			7.6	17.6	9.0	21.0	33.7	21.4	11.8	9.2		131.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			7.6	17.6	9.0	21.0	33.7	21.4	11.8	9.2		131.4
Initial Spares												
Total Proc Cost			7.6	17.6	9.0	21.0	33.7	21.4	11.8	9.2		131.4
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 fire accidents, and as a safety precaution at ammunition storage areas in Theatre. 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. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures Tactical and Non-Tactical Fire Fighting Trucks, which will replace many unsafe/overage vehicles currently unable to respond to fire calls and/or are uneconomical to repair. Total Army Acquisition Objective (AAO) for all Non-Tactical Fire Trucks is 928 and Tactical Fire Trucks 147.

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 2002			
OPA1 Cost Elements		ID	FY 00			FY 01			FY 02			FY 03		
		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. Firetruck, Non-Tactical		A				15823	52	305				1857	6	310
2. Truck, Firefighting, Tactical		B				1752	3	584	8962	15	598	19190	32	600
Total						17575			8962			21047		

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			4	49		6	51			15		125
Gross Cost			5.1	15.8		1.9	15.4			4.5		42.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			5.1	15.8		1.9	15.4			4.5		42.7
Initial Spares												
Total Proc Cost			5.1	15.8		1.9	15.4			4.5		42.7
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, Brush/Mini Pumper Trucks, Hazardous Material (HAZMAT)/Rescue Trucks, Brush Tankers, Airfield Crash Trucks, and Multi-Purpose Firetrucks. The Major Commands (MACOM) needing these trucks include U.S. Army Europe, Military District of Washington, Military Traffic Management Command, Forces Command, Training & Doctrine Command, Army Material Command Installations, Army Developmental Test Command, U.S. Army Pacific, National Guard Bureau, and Eighth U.S. Army (Korea). The Army's Fire Fighting Vehicles are essential to all military installations and to many local communities for preservation of life and property. Many of these overage vehicles are unsafe, unable to respond to fire calls, and uneconomical to repair. The current condition of the fleet creates a situation in which a disaster could easily occur. 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. Without these fire vehicles we put the lives of soldiers, dependents, civilian work force, and the local community at risk. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures one Ladder Truck, two Structural Pumpers, one Airfield Crash Truck, one Brush/Mini Pumper, and one HAZMAT/Rescue Truck; to fill existing shortages and replace overage trucks. Total Army Acquisition Objective (AAO) for all Non-Tactical Fire Trucks is 928.

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, NON-TACTICAL (D15801)			Weapon System Type:			Date: February 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Ladder Truck	A				4674	8	585				586	1	586
Structural Pumper	A				5900	26	227				456	2	228
Airfield Crash Truck	A				3689	8	462				463	1	463
Brush/Mini Pumper	A				1153	8	145				146	1	146
HAZMAT/Rescue Truck	A				407	2	204				206	1	206
Total					15823						1857		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon System Type:			P-1 Line Item Nomenclature: FIRETRUCKS, NON-TACTICAL (D15801)					
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
Ladder Truck										
FY 2001	See Remarks	MIPR/FP	GSA	FEB 01	JUL 01	8	585	Yes	NA	
FY 2003	TBS	MIPR/FP	GSA	JAN 03	AUG 03	1	586	Yes	NA	
Structural Pumper										
FY 2001	See Remarks	MIPR/FP	GSA	FEB 01	MAR 01	26	227	Yes	NA	
FY 2003	TBS	MIPR/FP	GSA	JAN 03	AUG 03	2	228	Yes	NA	
Airfield Crash Truck										
FY 2001	See Remarks	MIPR/FP	GSA	FEB 01	OCT 01	8	462	Yes	NA	
FY 2003	TBS	MIPR/FP	GSA	JAN 03	SEP 03	1	463	Yes	NA	
Brush/Mini Pumper										
FY 2001	See Remarks	MIPR/FP	GSA	FEB 01	AUG 01	8	145	Yes	NA	
FY 2003	TBS	MIPR/FP	GSA	JAN 03	SEP 03	1	146	Yes	NA	
HAZMAT/Rescue Truck										
FY 2001	Emergency One Ocala, FL	MIPR/FP	GSA	JAN 01	NOV 01	2	204	Yes	NA	
FY 2003	TBS	MIPR/FP	GSA	JAN 03	SEP 03	1	206	Yes	NA	

REMARKS: FY 01 contractors are as follows:
 1. Ladder Trucks: Emergency One (Ocala, FL) and Pierce Manufacturing (Appleton, WI).
 2. Structural Pumps: Emergency One, Pierce Manufacturing, and Albert Ziegler GMBH & CO KG (Germany).
 3. Airfield Crash Trucks: Emergency One, Oshkosh Truck Corp (Oshkosh, WI), and Albert Ziegler GMBH & CO KG .
 4. Brush/Mini Pumps: Emergency One, Becker Fire Equipment (Casper, WY), Kovatch Corp (Nesquehoning, PA).

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			4	3	10	32	29	34	17			129
Gross Cost			2.6	1.8	9.0	19.2	18.3	21.4	11.8	4.7		88.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			2.6	1.8	9.0	19.2	18.3	21.4	11.8	4.7		88.7
Initial Spares												
Total Proc Cost			2.6	1.8	9.0	19.2	18.3	21.4	11.8	4.7		88.7
Flyaway U/C												
Wpn Sys Proc U/C												

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 have a six-man cab in order to carry an entire fire fighting team, which the current truck cannot. The new tactical vehicle will have a minimum of a 1,000-gallon capacity, and it will have 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 2,000-gallon Water Distribution Modules, a Heavy Expanded Mobility Tactical Truck (HEMTT)-Load Handling System (LHS), and a Palletized Load System (PLS) trailer. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures the TFFT for National Guard and Army Reserve Tactical Fire Fighting Teams. The new TFFT replaces old commercial fire trucks, which did not meet tactical or fire fighting standards. The tactical fire-fighting mission requires 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, and do not meet user needs or National Fire Protection Agency Standards. The TFFT Army Acquisition Objective (AAO) is 147.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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													
Firefighting Equipment	B				1022	3	341	5232	15	349	11410	32	357
HEMTT Chassis	A				312	3	104	1656	15	111	6058	32	190
FRET											727		727
SubTotal					1334			6888			18195		
2. ECPs					40			207			524		
3. Testing					169			1489					
4. System Fielding Support					14			79			164		
5. Engineering Support					62			62			64		
6. Quality Assurance Support					38			83			85		
7. PM Support					95			154			158		
Total					1752			8962			19190		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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
Firefighting Equipment										
FY 2001	Pierce Manufacturing Inc. Appleton, WI	SS/DLA	DLA, Philadelphia, PA	Sep 01	Aug 02	3	341	Yes	N/A	
FY 2002	Pierce Manufacturing Inc. Appleton, WI	SS/DLA	DLA, Philadelphia, PA	Feb 02	Oct 02	15	349	Yes	N/A	
FY 2003	Pierce Manufacturing Inc. Appleton, WI	SS/DLA	DLA, Philadelphia, PA	Jan 03	Sep 03	32	357	Yes	N/A	
HEMTT Chassis										
FY 2001	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/1	TACOM, Warren, MI	Sep 01	Jul 02	3	104	Yes	N/A	
FY 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/2	TACOM, Warren, MI	Feb 02	Sep 02	15	111	Yes	N/A	
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/3	TACOM, Warren, MI	Feb 03	Sep 03	32	190	Yes	N/A	

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty												
Gross Cost	3672.6	194.7	193.4	206.2	161.5	242.8	118.5	98.3	104.8	217.8		5210.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	3672.6	194.7	193.4	206.2	161.5	242.8	118.5	98.3	104.8	217.8		5210.4
Initial Spares	0.9											0.9
Total Proc Cost	3673.5	194.7	193.4	206.2	161.5	242.8	118.5	98.3	104.8	217.8		5211.3
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

Funding for 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)), the CROP Roller Platform for Air Deployment (RPAD) and CROP Aircraft Interface Kit (CAIK) for the BCT, 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 Driver Training Simulator and the Forward Repair System (FRS), which is a mobile maintenance platform that mounts on a PLS or HEMTT. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 Family of Heavy Tactical Vehicles (FHTV) funding procures PLS equipment, which includes PLS Trucks and Trailers, CROP, CHU, PLS-E, and Driver Training Simulators; HEMTT Tankers, Wreckers, Cargoes, and Tractors; HET Systems, and Forward Repair Systems to the Digitized Divisions, Patriot Units, Combat Engineers, and to 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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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)													
PALLETIZED LOAD SYSTEM(D16500)													
PLS Truck (D16500)	A				28878	64	452	32512	89	366	23334	64	365
PLS Trailer (D08900)	A				10682	222	49	6047	129	47	24998	521	48
Driver Training Simulator and Related De	B										9709	21	463
Cargo Bed (Flatrack)(D16100)	A				17026	1799	10	999	97	11	11895	1116	11
Container Handling Unit (D16101)	A				1020	47	22	1258	55	23	1810	76	24
Movement Tracking System (MTS)(D16103)	A				17717	1026	18	21375	1494	15	34267	2324	15
HEMTT, ALL BODY TYPES(D16204)													
Truck, Tank, Fuel Svc,(D16202)	A				21107	59	358	13371	44	304	41779	139	301
Truck, Recovery, 10T, 8x8 (D16203)	A				25181	64	394	14294	40	358	34183	93	368
Truck, Cargo, 10T, 8x8 (D16204)	A							1763	5	353	11974	44	273
Truck, Tractor, 10T, 8x8 (D16205)	A							10221	45	228	8211	36	229
Heavy Equipment Transporter System (HETS) (DV0012)	A				67655	119	569	44958	80	562			
Forward Repair System (D16400)	A				16897	48	353	14705	32	460	40608	74	549
Total					206163			161503			242768		

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	7613	162	141	123	134	312	149	136	135	420		9325
Gross Cost	1285.9	47.0	40.4	46.3	39.6	96.1	48.6	47.4	47.8	144.1		1843.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1285.9	47.0	40.4	46.3	39.6	96.1	48.6	47.4	47.8	144.1		1843.3
Initial Spares												
Total Proc Cost	1285.9	47.0	40.4	46.3	39.6	96.1	48.6	47.4	47.8	144.1		1843.3
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

Funds the Heavy Expanded Mobility Tactical Truck (HEMTT) 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. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures 139ea HEMTT M978 Tanker, 93ea HEMTT M984A1 Wrecker, 36ea M983 Tractor, and 44ea M985 HEMTT Cargo to modernize the Counter Attack Corps, fill shortages in the National Guard Bureau (NGB) and Reserve, meet MLRS Conversion requirements, and fill shortages in Patriot units. The M984A1 wrecker is the recovery vehicle for other wheeled support and combat vehicle systems and is the only recovery vehicle in the Interim Brigade Combat Team (IBCT). The M978 Tanker is a 2500-Gallon Fuel Transporter and is a key CSS enabler in the IBCT and Digitized Divisions. The M985 HEMTT Cargo is the ammunition transport prime mover for the Multiple-Launch Rocket System (MLRS) pods and the M983 Tractor is prime mover for the Patriot Missile System. Army Acquisition Objective for HEMTT Fleet is 13,657.

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 2002			
OPA1 Cost Elements		ID	FY 00			FY 01			FY 02			FY 03		
		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 - HEMTT All Body Types														
Tanker M978 (D16202)					13191	59	224	10618	44	242	35216	139	254	
Wrecker M984A1 (D16203)					17571	64	275	11633	40	291	28976	93	312	
Cargo M985 (D16204)								1433	5	287	10091	44	230	
Tractor M983 (D16205)								7992	45	178	6804	36	189	
Subtotal					30762			31676			81087			
2.FRET					3692			3801			9730			
3. Engineering Changes					807			1050			2433			
4. Government Testing - ATC					246			950			290			
5. Documentation					2600			125			125			
6. Engineering Support Government					656			452			458			
7. Quality Assuranc Support - Government					337			244			247			
8. Special Tools					131			210			200			
9. System Fielding Support					5612			385			810			
10. PM Support					1445			756			767			
Total					46288			39649			96147			

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 M978 (D16202)										
FY 2001	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY1	TACOM, Warren, MI	MAR 01	AUG 01	59	224	YES	N/A	N/A
FY 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	FEB 02	AUG 02	44	242	YES	N/A	N/A
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	JAN 03	AUG 03	139	254	YES	N/A	N/A
Wrecker M984A1 (D16203)										
FY 2000	Oshkosh Truck Corp Oshkosh, WI	FFP/OPTION	TACOM, Warren, MI	FEB 00	JUN 00	73	276	YES	N/A	N/A
FY 2000	Oshkosh Truck Corp Oshkosh, WI	FFP/OPTION	TACOM, Warren, MI	AUG 00	FEB 01	3	276	YES	N/A	N/A
FY 2001	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY1	TACOM, Warren, MI	MAR 01	AUG 01	64	275	YES	N/A	N/A
FY 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	FEB 02	AUG 02	40	291	YES	N/A	N/A
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	JAN 03	AUG 03	93	312	YES	N/A	N/A
Cargo M985 (D16204)										
FY 2000	Oshkosh Truck Corp Oshkosh, WI	FFP/OPTION	TACOM, Warren, MI	JAN 00	MAY 00	65	190	YES	N/A	N/A
FY 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	FEB 02	AUG 02	5	287	YES	N/A	N/A
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	JAN 03	AUG 03	44	230	YES	N/A	N/A
Tractor M983 (D16205)										

REMARKS:

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	FEB 02	AUG 02	45	178	YES	N/A	N/A
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	JAN 03	AUG 03	36	189	YES	N/A	N/A

REMARKS:

FY 04 / 05 BUDGET PRODUCTION SCHEDULE

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

Date:
February 2002

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 04												Fiscal Year 05												LATE R				
							Calendar Year 04												Calendar Year 05																
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					
Tanker M978 (D16202)																																			
	1	FY 01	A	59	59	0																												0	
	1	FY 02	A	44	44	0																												0	
	1	FY 03	A	139	19	120	12	12	12	12	12	12	12	12	12	12																		0	
	1	FY 00	FMS	2	2	0																												0	
	1	FY 02	NG	61	61	0																												0	
Wrecker M984A1 (D16203)																																			
	1	FY 00	A	73	73	0																												0	
	1	FY 00	A	3	3	0																												0	
	1	FY 01	A	64	64	0																												0	
	1	FY 02	A	40	40	0																												0	
	1	FY 03	A	93	13	80	8	8	8	8	8	8	8	8	8	8																		0	
	1	FY 00	FMS	14	14	0																													0
Cargo M985 (D16204)																																			
	1	FY 00	A	65	65	0																												0	
	1	FY 02	A	5	5	0																												0	
	1	FY 03	A	44	6	38	3	3	4	4	4	4	4	4	4	4																		0	
	1	FY 00	FMS	221	221	0																													0
	1	FY 00	FMS	104	104	0																													0

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP

MFR	NAME/LOCATION	PRODUCTION RATES			REACHED	MFR Number	ADMINLEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct	After 1 Oct			
		D+									
1	Oshkosh Truck Corp, Oshkosh, WI	1.00	42.00	120.00	12	1	INITIAL	0	5	5	10
							REORDER	0	3	7	10
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			28	48	32	74	35	31	37	33		318
Gross Cost			10.4	16.9	14.7	40.6	17.7	15.7	19.9	23.0		158.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			10.4	16.9	14.7	40.6	17.7	15.7	19.9	23.0		158.9
Initial Spares												
Total Proc Cost			10.4	16.9	14.7	40.6	17.7	15.7	19.9	23.0		158.9
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

This is an Army Warfighter Rapid Acquisition Program (WRAP). The Forward Repair System (FRS) is a high-mobility, forward maintenance system that reduces repair cycle-time. By integrating already proven systems and the prime mover, the FRS places in one package proven tools, test equipment, and heavy lift capability to support forces in the forward battle area. The FRS includes the prime mover as well as a maintenance enclosure with 35KW generator, 5.5-ton capacity crane, welding equipment, industrial-quality power air and hand tools, air compressor, tool cabinets, and accepts as a host platform Force XXI Battle Command Battalion/Brigade and Below (FBCB2) and Movement Tracking System (MTS) connectivity. 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 maneuver commander's need for a repair system that is responsive, effective, and reduces the number of systems requiring evacuation. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 program buys 74 FRS systems for the Counter Attack Corps. The FRS is a must have enabler for both the Digitized Divisions and the Interim Brigade Combat Teams. FRS Army Acquisition Objective (AAO) is 567.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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 (D16400)	A				10691	48	223	8529	32	267	20113	74	272
PLS Truck	A				5442	19	287	4816	16	301	18597	62	300
SubTotal					16133			13345			38710		
2. ECPs					100			416			730		
3. Government Testing													
4. System Fielding Support					278			540			811		
5. Special Tools					44			23			52		
6. Documentation					70			110			50		
7. Engineering Support					100			62			64		
8. Quality Assurance Support					20			21			21		
9. Program Management Support					152			188			170		
Total					16897			14705			40608		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 (D16400)										
FY 2000	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Dec 99	Aug 00	23	228	Yes		
FY 2000	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Aug 00	Nov 00	5	228	Yes		
FY 2001	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Dec 00	Jun 01	16	223	Yes		
FY 2001	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Feb 01	Aug 01	15	223	Yes		
FY 2001	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Mar 01	Aug 01	13	223	Yes		
FY 2001	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Sept 01	Mar 02	2	223	Yes		
FY 2001	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Nov 01	May 02	2	223	Yes		
FY 2002	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Feb 02	Aug 02	32	267	Yes		
FY 2003	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Dec 02	Jun 03	74	272	Yes		
PLS Truck										
FY 2000	Oshkosh Truck Corp. Oshkosh, WI	FFP/Option	TACOM, Warren, MI	Jan 00	Aug 00	11	272	Yes		
FY 2001	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY1	TACOM, Warren, MI	Mar 01	Aug 01	19	287	Yes		
FY 2002	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Feb 02	Sep 02	16	301	Yes		
FY 2003	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Jan 03	Aug 03	62	300	Yes		

REMARKS:

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 02													Fiscal Year 03												LAT ER	
							Calendar Year 02													Calendar Year 03													
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
Forward Repair System (D16400)																																	
	1	FY 00	A	5	5	0																									0		
	1	FY 00	A	23	23	0																									0		
	1	FY 01	A	15	14	1	1																								0		
	1	FY 01	A	13	3	10	9	1																							0		
	1	FY 01	A	16	16	0																									0		
	1	FY 01	A	2	0	2					2																				0		
	1	FY 01	A	2	0	2		A			2																				0		
	1	FY 02	A	32	0	32				A					2	3	3	3	3	3	3	3	3	3	3	4	4	4			0		
	1	FY 03	A	74	0	74													A							4	6	6	6		52		
PLS Truck																																	
	2	FY 00	A	11	11	0																									0		
	2	FY 01	A	19	19	0																									0		
	2	FY 02	A	16	0	16				A					1	1	1	1	1	1	1	1	1	1	2	2	2	2	2		0		
	2	FY 03	A	62	0	62													A									5	5		52		
Total				290	91	199	10	1			2		2			2	4	4	4	4	4	4	4	4	4	6	6	6	6	8	11	11	104

MFR	NAME/LOCATION	PRODUCTION RATES			REACHED	MFR Number	ADMIN LEAD TIME	MFR	TOTAL	REMARKS	
		MIN.	1-8-5	MAX.	D+		Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	
1	Rock Island Arsenal, Rock Island, IL	1.00	20.00	35.00	12	1	INITIAL	0	2	8	10
						1	REORDER	0	2	6	8
2	Oshkosh Truck Corp., Oshkosh, WI	1.00	25.00	45.00	12	2	INITIAL	0	5	5	10
						2	REORDER	0	3	7	10
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				

FY 04 / 05 BUDGET PRODUCTION SCHEDULE	P-1 Item Nomenclature: FORWARD REPAIR SYSTEM (FRS) (D16400)	Date: February 2002
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COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 04												Fiscal Year 05												L A T E R									
							Calendar Year 04												Calendar Year 05																					
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP										
Forward Repair System (D16400)																																								
	1	FY 00	A	23	23	0																																	0	
	1	FY 00	A	5	5	0																																	0	
	1	FY 01	A	15	15	0																																	0	
	1	FY 01	A	13	13	0																																	0	
	1	FY 01	A	2	2	0																																	0	
	1	FY 01	A	16	16	0																																	0	
	1	FY 01	A	2	2	0																																	0	
	1	FY 02	A	32	32	0																																	0	
	1	FY 03	A	74	22	52	6	6	6	6	6	6	8	8																								0		
PLS Truck																																							0	
	2	FY 00	A	11	11	0																																	0	
	2	FY 01	A	19	19	0																																	0	
	2	FY 02	A	16	16	0																																	0	
	2	FY 03	A	62	10	52	5	5	5	5	5	5	5	6	6																							0		
Total					290	186	104	11	11	11	11	11	11	13	13	6	6																							

							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
--	--	--	--	--	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

MFR	NAME/LOCATION	PRODUCTION RATES			REACHED	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS		
		MIN.	1-8-5	MAX.			Prior 1 Oct	After 1 Oct					
		D+											
1	Rock Island Arsenal, Rock Island, IL	1.00	20.00	35.00	12	1	INITIAL	0	2	8	10		
							REORDER	0	2	6	8		
2	Oshkosh Truck Corp., Oshkosh, WI	1.00	25.00	45.00	12	2	INITIAL	0	5	5	10		
							REORDER	0	3	7	10		
							INITIAL						
							REORDER						
							INITIAL						
							REORDER						
							INITIAL						
							REORDER						

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty												
Gross Cost	1249.5	54.6	51.8	75.3	62.2	106.0	52.2	35.2	37.1	50.8		1774.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1249.5	54.6	51.8	75.3	62.2	106.0	52.2	35.2	37.1	50.8		1774.6
Initial Spares	0.9											0.9
Total Proc Cost	1250.4	54.6	51.8	75.3	62.2	106.0	52.2	35.2	37.1	50.8		1775.5
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 Driver Training Simulator program supports Heavy and Medium Tactical Vehicle fleet training requirements at the Ft Leonard Wood, MO training base and at posts worldwide. 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. FY01 funded the acquisition of the Roller Platform for Air Deployment (RPAD) Kit and CROP Aircraft Interface Kit (CAIK), which speed the loading/unloading of CROPS onto USAF aircraft in support of Brigade Combat Team (BCT) requirements. Quantities noted above are for truck prime mover only. Army Acquisition Objectives (AAO) for PLS equipment are as follows: PLS Truck - 4,763, PLS Trailer - 3,824, Flatracks - 59,962, Container Handling Unit - 1,869, MTS - 35,702, Driver Trainers - 78. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures Driver Trainers for the training base; and PLS Truck, Trailer, CROP, CHU, flatracks, and MTS for the Combat Engineers (PLS Truck and Trailer only), Digitized Divisions, and National Guard and Army Reserve units. The PLS Trailer, CROP, CHU, and MTS are key enablers for both the IBCT and Digitized Divisions.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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 (D16500)					18263	64	286	26759	89	301	19196	64	300
PLS Trailer (D08900)					9331	222	43	5681	129	45	23526	521	46
Cargo Bed, Demountable (D16100)					12756	1732	8	873	97	9	10377	1116	10
CROP RPAD Kit (D16100)					1360	74	19						
CROP CAI Kit (D16100)					1600	98	17						
Driver Training Simulator (D16505)											6741	21	321
PLS Container Handling Unit (D16101)					893	47	19	1008	55	19	1491	76	20
Movement Tracking System (D16103)					17717	1026	18	21375	1494	15	34267	2324	15
Subtotal					61920			55696			95598		
2. Engineering Changes					2850			1229			2373		
3. Government Testing - ATC					1650			707			895		
4. Documentation					2133			780			335		
5. Engineering Support - Government					855			479			730		
6. Quality Assurance Supt- Government					502			393			442		
7. Special Tools								100			100		
8. System Fielding Support					3682			1265			3890		
9. PM Support					1731			1542			1650		
Total					75323			62191			106013		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 (D16500)										
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	FFP/Option	TACOM, Warren, MI	Jan 00	May 00	101	273	Yes		
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	FFP/Option	TACOM, Warren, MI	Sep 00	May 01	14	273	Yes		
FY 2001	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY1	TACOM, Warren, MI	Mar 01	Aug 01	64	286	Yes		
FY 2002	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Feb 02	Aug 02	89	301	Yes		
FY 2003	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Jan 03	Aug 03	64	300	Yes		
PLS Trailer (D08900)										
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	FFP/Option	TACOM, Warren, MI	Jan 00	Aug 00	125	47	Yes		
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	FFP/Option	TACOM, Warren, MI	Sep 00	Mar 01	37	47	Yes		
FY 2001	Oshkosh Truck Corp. (OTC) Oshkosh, WI	FFP/Option	TACOM, Warren, MI	Jan 01	Aug 01	47	42	Yes		
FY 2001	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY1	TACOM, Warren, MI	Mar 01	Oct 01	175	42	Yes		
FY 2002	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Feb 02	Aug 02	129	45	Yes		
FY 2003	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Jan 03	Aug 03	521	46	Yes		
Cargo Bed, Demountable (D16100)										
FY 2001	Summa Technologies Huntsville, AL	FFP/Option	TACOM, Warren, MI	Nov 00	May 01	1114	8	Yes		

REMARKS:

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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
FY 2001	Hyundai San Diego, CA	FFP/Option	TACOM, Warren, MI	Nov 00	May 01	618	7	Yes		
FY 2001	TBS - CROP	REQ/PY1	TACOM, Warren, MI	Jun 02	Nov 02	67	9	Yes		Feb 02
FY 2002	TBS - CROP	REQ/PY1	TACOM, Warren, MI	Jun 02	Nov 02	97	9	Yes		Feb 02
FY 2003	TBS - CROP	REQ/PY2	TACOM, Warren, MI	Jan 03	Jul 03	1116	10	Yes		
Driver Training Simulator (D16505)										
FY 2003		REQ/PY1	TACOM, Warren, MI	Feb 03	Aug 03	21	321	No	Aug 02	Sep 02
PLS Container Handling Unit (D16101)										
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	FFP/Option	TACOM, Warren, MI	Jan 00	Aug 00	83	15	Yes		
FY 2001		REQ/PY1	TACOM, Warren, MI	Jun 02	Oct 02	47	19	Yes		Feb 02
FY 2002		REQ/PY1	TACOM, Warren, MI	Jun 02	Oct 02	55	19	Yes		Feb 02
FY 2003		REQ/PY2	TACOM, Warren, MI	Jan 03	Aug 03	76	20	Yes		
Movement Tracking System (D16103)										
FY 2000	Comtech Mobile Datacom Germantown, MD	REQ/PY2	CECOM, Washington, DC	Aug 00	Sep 00	413	17	Yes		
FY 2001	Comtech Mobile Datacom Germantown, MD	REQ/PY3	CECOM, Washington, DC	May 01	Sep 01	466	17	Yes		
FY 2001	Comtech Mobile Datacom Germantown, MD	REQ/PY3	CECOM, Washington, DC	July 01	May 02	78	17	Yes		

REMARKS:

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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
FY 2001	Comtech Mobile Datacom Germantown, MD	REQ/PY3	CECOM, Washington, DC	Sept 01	Nov 01	482	17	Yes		
FY 2002	Comtech Mobile Datacom Germantown, MD	REQ/PY4	CECOM, Washington, DC	Feb 02	May 02	1494	15	Yes		
FY 2003	Comtech Mobile Datacom Germantown, MD	REQ/PY5	CECOM, Washington, DC	Dec 02	May 03	2324	15	Yes		

REMARKS:

FY 01 / 02 BUDGET PRODUCTION SCHEDULE

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

Date:
February 2002

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 01												Fiscal Year 02												L A T E R										
							Calendar Year 01												Calendar Year 02																						
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		O	N	D							
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E		C	O	E	A	E	A	P	A	U	U
PLS Truck (D16500)																																									
	1	FY 00	A	101	57	44	10	8	8	2	4	6	6																												
	1	FY 00	A	14	0	14																																			
	1	FY 01	A	64	0	64						A						5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6							
	1	FY 02	A	89	0	89																																8	8		
	1	FY 03	A	64	0	64																																			
PLS Trailer (D08900)																																									
	1	FY 00	A	125	20	105	10	10	10	10	10	11	11	11	11	11																									
	1	FY 00	A	37	0	37																																			
	1	FY 01	A	175	0	175						A													9	19	19	19	19	19	18	18	18	18	18						
	1	FY 01	A	47	0	47																																			
	1	FY 02	A	129	0	129																																			
	1	FY 03	A	521	0	521																																			
Cargo Bed, Demountable (D16100)																																									
	3	FY 01	A	1114	0	1114			A																																
	4	FY 01	A	618	0	618			A																																
	5	FY 02	A	97	0	97																																			
	5	FY 03	A	1116	0	1116																																			
Driver Training Simulator (D16505)																																									

MFR	NAME/LOCATION	PRODUCTION RATES			REACHED D+	MFR Number	ADMINLEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct	After 1 Oct			
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1.00	25.00	60.00	12	INITIAL	0	5	5	10	Note: FY00/01 PLS truck deliveries adjusted to accommodate mix of government and commercial production on contractor's integrated production line. MTS FY00/01 deliveries reflect actual contractor delivery schedule. 6 OTC -Trailer Production, Bradenton, FL 7 TBS - Driver Training Simulator
						REORDER	0	3	7	10	
2	Comtech Mobile Datacom, Germantown, MD	10.00	100.00	240.00	12	INITIAL	0	20	5	25	
						REORDER	0	2	5	7	
3	Summa Technologies, Huntsville, AL	25.00	160.00	400.00	12	INITIAL	0	5	11	16	
						REORDER	0	3	6	9	
4	Hyundai, San Diego, CA	75.00	630.00	800.00	12	INITIAL	0	9	9	18	
						REORDER	0	3	6	9	
5	TBS - CROP	5.00	160.00	350.00	12	INITIAL	0	7	6	13	
						REORDER	0	3	6	9	

FY 03 / 04 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)													Date: February 2002										
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 03													Fiscal Year 04							L A T E R			
							Calendar Year 03													Calendar Year 04										
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY		JUN	JUL	AUG
PLS Truck (D16500)																														
	1	FY 00	A	101	101	0																						0		
	1	FY 00	A	14	14	0																						0		
	1	FY 01	A	64	64	0																						0		
	1	FY 02	A	89	16	73	8	8	8	7	7	7	7	7	7	7												0		
	1	FY 03	A	64	0	64				A							5	5	5	5	5	5	5	5	5	5	5	5	0	
PLS Trailer (D08900)																														
	1	FY 00	A	125	125	0																						0		
	1	FY 00	A	37	37	0																						0		
	1	FY 01	A	175	175	0																						0		
	1	FY 01	A	47	47	0																						0		
	1	FY 02	A	129	19	110	11	11	11	11	11	11	11	11	11													0		
	1	FY 03	A	521	0	521				A							37	44	44	44	44	44	44	44	44	44	44	44	0	
Cargo Bed, Demountable (D16100)																														
	3	FY 01	A	1114	1114	0																						0		
	4	FY 01	A	618	618	0																						0		
	5	FY 02	A	97	0	97		12	12	12	12	12	12	12	13													0		
	5	FY 03	A	1116	0	1116				A						93	93	93	93	93	93	93	93	93	93	93	93	0		
Driver Training Simulator (D16505)																														
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MFR	NAME/LOCATION	PRODUCTION RATES			REACHED	MFR Number	ADMINLEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
		MIN.	1-8-5	MAX.			D+	Prior 1 Oct				After 1 Oct																		
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1.00	25.00	60.00	12	1	INITIAL	0	5	5	10																			
							REORDER	0	3	7	10																			
2	Comtech Mobile Datacom, Germantown, MD	10.00	100.00	240.00	12	2	INITIAL	0	20	5	25																			
							REORDER	0	2	5	7																			
3	Summa Technologies, Huntsville, AL	25.00	160.00	400.00	12	3	INITIAL	0	5	11	16																			
							REORDER	0	3	6	9																			
4	Hyundai, San Diego, CA	75.00	630.00	800.00	12	4	INITIAL	0	9	9	18																			
							REORDER	0	3	6	9																			
5	TBS - CROP	5.00	160.00	350.00	12	5	INITIAL	0	7	6	13																			
							REORDER	0	3	6	9																			

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

P-1 Item Nomenclature
HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	1778	192	173	119	80							2342
Gross Cost	512.8	89.7	86.8	67.7	45.0							801.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	512.8	89.7	86.8	67.7	45.0							801.9
Initial Spares												
Total Proc Cost	512.8	89.7	86.8	67.7	45.0							801.9
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Heavy Equipment Transporter System (HETS) consists of the M1070 Truck Tractor and the M1000 Semi-trailer. Together, they form a system whose primary mission is to transport main battle tanks and other heavy equipment. The HETS continues to provide the only tactical transportation and evacuation support for the main battle tank and other heavy tracked combat vehicles. The M1070/M1000 HETS also has the capability to self-load and unload disabled tanks. Quantities shown above are Direct Army, and with additional Prior Years quantities bought and fielded for the Office of Chief, Army Reserve (OCAR) and National Guard Bureau (NGB), total HETS procured through FY02 will be 2,341 systems. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP). The FY02 procurement buys additional 3ea M1070 tractors the fleet balance following the transfer in FY99 of 22ea M1000 trailers from the USMC to Army inventory.

Justification:

HETS production ends in FY02. The HETS Army Acquisition Objective (AAO) is 2,580.

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: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)			Weapon System Type:			Date: February 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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. System Hardware	A				29679	119	250	20972	80	263			
M1070 Tractor					26841	120	224	17246	77	224			
M1000 Trailer					4189			2516					
FRET													
SubTotal					60709			40734					
2. ECPs					900			1450					
3. Testing					1276			116					
4. System Fielding Support					1922			617					
5. Documentation					563			250					
6. Quality Assurance Support					607			514					
7. Program Management Support					1678			1277					
Total					67655			44958					

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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

Weapon System Type:

P-1 Line Item Nomenclature:
HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M1070 Tractor										
FY 2001	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY1	TACOM, Warren, MI	Mar 01	Aug 01	119	250	Yes	N/A	N/A
FY 2002	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Feb 02	Aug 02	80	263	Yes	N/A	N/A
M1000 Trailer										
FY 2001	Systems & Electronics, Inc. St. Louis, MO	SS/FFP	TACOM, Warren, MI	Jan 01	Aug 01	120	224	Yes	N/A	N/A
FY 2002	Systems & Electronics, Inc. St. Louis, MO	OPTION	TACOM, Warren, MI	Feb 02	Aug 02	77	224	Yes	N/A	N/A

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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

P-1 Item Nomenclature
ARMORED SECURITY VEHICLES (ASV) (D02800)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	24		10	21	24	20						99
Gross Cost	18.9		8.0	14.8	17.9	14.4						74.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	18.9		8.0	14.8	17.9	14.4						74.0
Initial Spares												
Total Proc Cost	18.9		8.0	14.8	17.9	14.4						74.0
Flyaway U/C												
Wpn Sys Proc U/C												

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, transparent armor and blackout capability. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funding procures 20 Armored Security Vehicles. The ASV will be used by the Military Police (MP) to perform missions of security, battlefield circulation and law and order across the entire operational continuum. The MP units are under-protected for their doctrinal combat support mission. The ASV concept was approved in June 1987 under the Armored Family of Vehicles Operational and Organizational concept. The MPs will either conduct Force XXI missions in a warfighting environment or they will perform force protection and stabilization operations in a short of war contingency environment. The Army Acquisition Objective (AAO) is 1,943.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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 (D02800)	A				12028	21	573	13743	24	573	11456	20	573
Engineering Changes					188			225			183		
Kits - Night Vision					123	3	41	1003	24	42	847	20	43
Testing - Govt					262			324			218		
Documentation					101			125			104		
System Technical Support (STS)					804			997			382		
Engineering Spt (In-House)					290			295			299		
Fielding Support					515			629			429		
Project Management Support					505			517			520		
Total					14816			17858			14438		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 (D02800)										
FY 2001	Textron Marine & Land Systems New Orleans, LA	SSM-5(3)	TACOM, Warren, MI	Nov 00	Sep 01	20	573	Yes	N/A	N/A
FY 2001	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Jul 01	Jan 02	1	573	Yes	N/A	N/A
FY 2002	Textron Marine & Land Systems New Orleans, LA	SSM-5(4)	TACOM, Warren, MI	Jan 02	Jul 02	20	573	Yes	N/A	N/A
FY 2002	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Mar 02	Sep 02	4	573	Yes	N/A	N/A
FY 2003	Textron Marine & Land Systems New Orleans, LA	SSM-5(5)	TACOM, Warren, MI	Nov 02	May 03	20	573	Yes	N/A	N/A

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty		440	356	391	303	314	390	213	176	175		2758
Gross Cost	343.0	64.9	46.3	51.5	47.2	50.8	59.3	34.6	28.8	29.1		755.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	343.0	64.9	46.3	51.5	47.2	50.8	59.3	34.6	28.8	29.1		755.4
Initial Spares	0.5											0.5
Total Proc Cost	343.5	64.9	46.3	51.5	47.2	50.8	59.3	34.6	28.8	29.1		755.9
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

This is a roll of two tractors, Truck, Tractor Line Haul (M915) and the Truck, Tractor, Light Equipment Transporter (LET), (M916). These two tractors share common components, such as the cab, engine, and transmission, to form a family of vehicles. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

The FY03 M915A3 funding is required to procure new vehicles for newly activated petroleum companies organized as a result of a Desert Storm deficiency. 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 new M1062 Semi-Trailer Tankers and no trucks to haul them and the previous deficiency to supply fuel to move forces will continue. Because the 18-20 year old M915 Truck Tractor is experiencing below the goal mission capable rates and is difficult and expensive to support due to its age, the new M915A3 Truck Tractor will significantly improve readiness by leveraging high production rate commercial truck technology.

In FY03, the M916A3 Truck Tractor will replace overage M916 Truck Tractors, which are 18-20 years old and experiencing below the goal mission capable rates.

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 2002			
OPA1 Cost Elements		ID	FY 00			FY 01			FY 02			FY 03		
		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
Trk, Tractor, Line Haul, M915A3 (D15900)						51535	391	132	42963	284	152	43028	276	156
Truck, Tractor, LET, M916A3 (D19601)									4214	19	222	7801	38	206
Total						51535			47177			50829		

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	5417	440	356	391	284	276	295	118	116	115		7808
Gross Cost	290.9	64.9	46.3	51.5	43.0	43.0	41.3	16.4	16.8	17.1		631.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	290.9	64.9	46.3	51.5	43.0	43.0	41.3	16.4	16.8	17.1		631.2
Initial Spares	0.2											0.2
Total Proc Cost	291.1	64.9	46.3	51.5	43.0	43.0	41.3	16.4	16.8	17.1		631.4
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The M915A3 Line Haul Tractor is a Non-Developmental item found primarily in medium transportation companies and is a prime mover used to transport breakbulk, containers, 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. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funding of M915A3s will provide prime-mover capability to newly activated Petroleum Transportation Companies organized as a result of a Desert Storm deficiency and to provide vehicles to fill shortages in selected National Guard and Army Reserve units. Without these new trucks, the petroleum units will be activated with new M967A2 Tanker Trailers and no trucks to haul them and the previous deficiency to supply fuel to move forces will continue. Because the M915 Truck Tractor is experiencing below the goal mission capable rates and is difficult and expensive to support due to its age, the new M915A3 Truck Tractor will significantly improve readiness by leveraging high production rate commercial truck technology. The Army's Acquisition Objective is 6,956.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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					42891	379	114	34364	284	121	34500	276	125
FET					4255			3436			3795		
Hardware - M916A2					1917	12	160						
Documentation								900			500		
Testing - Follow On Test								600			500		
Engineering - In House					200			450			475		
QA Support					100			200			200		
PM Support					450			700			700		
Engineering Change Proposals					122			690			758		
System Fielding Support								1623			1600		
Driver Simulator (ORD Requirement)					1600								
Total					51535			42963			43028		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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										
FY 2001	Freightliner Corporation Portland, OR	CFP RQ5(2)	TACOM, Warren, MI	Dec 00	Jun 01	255	114	YES	N/A	
FY 2001	Freightliner Corporation Portland, OR	CFP RQ5(2B)	TACOM, Warren, MI	Sep 01	Mar 02	115	114	YES	N/A	
FY 2001	Freightliner Corporation Portland, OR	CFP RQ5(2A)	TACOM, Warren, MI	Jul 01	Jan 02	9	114	YES	N/A	
FY 2002	Freightliner Corporation Portland, OR	CFP RQ5(3)	TACOM, Warren, MI	Feb 02	Aug 02	284	121	YES	N/A	
FY 2003	Freightliner Corporation Portland, OR	CFP RQ5(4)	TACOM, Warren, MI	Dec 02	Jun 03	276	125	YES	N/A	
Hardware - M916A2										
FY 2001	Freightliner Corporation Portland, OR	Option/CFP	TACOM, Warren, MI	Dec 00	May 01	12	160	YES	N/A	

REMARKS:

FY 02 / 03 BUDGET PRODUCTION SCHEDULE

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

Date:
February 2002

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 02												Fiscal Year 03												L A T E R				
							Calendar Year 02												Calendar Year 03																
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					
Hardware - M915A3																																			
	1	FY 01	A	9	0	9								9																					
	1	FY 01	A	255	148	107	37	37	33																										
	1	FY 01	A	115	0	115							20	20	20	20	20	15																	
	1	FY 02	A	284	0	284				A								25	25	25	25	25	25	25	25	25	25	25	25	25	9				
	1	FY 03	A	276	0	276															A											24	24	24	24
Hardware - M916A2																																			
		FY 01	A	12	12	0																													
Total				951	160	791	37	37	33	9		20	20	20	20	20	40	25	25	25	25	25	25	25	25	25	25	25	25	49	33	24	24	180	

							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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MFR	NAME/LOCATION	PRODUCTION RATES			REACHED D+	MFR Number	ADMINLEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN.	1-8-5	MAX.			Prior 1 Oct	After 1 Oct				
1	Freightliner Corporation, Portland, OR	8.00	88.00	92.00	3	1	INITIAL	0	11	17	28	The production schedule shown above is for one of four body styles in the M915 Family of Vehicles. The M915 FOV is produced together with the commercial production which runs at 90 per day.
						REORDER	0	2	6	8		
						INITIAL						
						REORDER						
						INITIAL						
						REORDER						
						INITIAL						
						REORDER						
						INITIAL						
						REORDER						

FY 04 / 05 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)												Date: February 2002											
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 04												Fiscal Year 05								L A T E R			
							Calendar Year 04												Calendar Year 05											
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY		JUN	JUL	AUG
Hardware - M915A3																														
	1	FY 01	A	9	9	0																							0	
	1	FY 01	A	255	255	0																							0	
	1	FY 01	A	115	115	0																							0	
	1	FY 02	A	284	284	0																							0	
	1	FY 03	A	276	96	180	40	40	40	40	20																		0	
Hardware - M916A2																														
		FY 01	A	12	12	0																							0	
Total				951	771	180	40	40	40	40	20																			
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MFR	PRODUCTION RATES				REACHED	MFR Number	ADMINLEAD TIME				MFR	TOTAL	REMARKS The production schedule shown above is for one of four body styles in the M915 Family of Vehicles. The M915 FOV is produced together with the commercial production which runs at 90 per day.																	
NAME/LOCATION	MIN.	1-8-5	MAX.	D+		Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct																				
1 Freightliner Corporation, Portland, OR	8.00	88.00	92.00	3	1	INITIAL		0	11	17	28																			
						REORDER		0	2	6	8																			
						INITIAL																								
						REORDER																								
						INITIAL																								
						REORDER																								

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	770				19	38	95	95	60	60		1137
Gross Cost	52.1				4.2	7.8	18.0	18.1	12.0	12.0		124.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	52.1				4.2	7.8	18.0	18.1	12.0	12.0		124.2
Initial Spares	0.3											0.3
Total Proc Cost	52.4				4.2	7.8	18.0	18.1	12.0	12.0		124.5
Flyaway U/C												
Wpn Sys Proc U/C												

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 found primarily in engineering units and used primarily to tow the 40-ton M870/M870A1 lowbed semi-trailer having 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. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

In FY03, the M916A3 Truck Tractor will replace overage M916 Truck Tractors, which are 18-20 years-old and experiencing high maintenance and operating costs with associated below the goal readiness rates.

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 2002			
OPA1 Cost Elements		ID	FY 00			FY 01			FY 02			FY 03		
		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 - M916A3									2887	19	152	5871	38	155
2. FET									390			793		
3. Program Management Support									200			250		
4. Engineering Change Proposals									200			250		
5. System Fielding Support									537			637		
Total									4214			7801		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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
1. Hardware - M916A3										
FY 2002	Freightliner Corporation Portland, OR	C/FFP	TACOM, Warren, MI	Feb 02	Aug 02	19	152	YES	N/A	
FY 2003	Freightliner Corporation Portland, OR	Option/CFP	TACOM, Warren, MI	Dec 02	Jun 03	38	155	YES	N/A	

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

P-1 Item Nomenclature
Towing Device, 5th Wheel (D15901)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty					34	40	40	40	40	40		234
Gross Cost					2.0	2.0	2.0	2.0	2.0	2.0		12.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)					2.0	2.0	2.0	2.0	2.0	2.0		12.0
Initial Spares												
Total Proc Cost					2.0	2.0	2.0	2.0	2.0	2.0		12.0
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Fifth Wheel Towing Device (FWTD) can be used with a truck tractor to recover, lift-tow or flat-tow another disabled truck. It serves the same recovery function as a wrecker without having a truck dedicated for that purpose. When the Fifth Wheel Towing Device is not in use, it can be dismantled and the tractor perform its normal trailer-towing mission. Item will be type classified in FY02. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funding is required to procure FWTD to perform forward recovery missions in Ordnance, Transportation and Engineer Units. The FWTD provides a unit the capability to recover vehicles without the use of a wrecker, especially in Line Haul missions. The FWTD will reduce the Army's wrecker requirements. The current Army Acquisition Objective (AAO) is 257.

Program has been restructured and was previously funded in Items Less than \$5.0 million budget line.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	220	35	15		35	50	7	12	6	10		390
Gross Cost	11.3	3.3	2.0		4.0	4.9	1.0	1.8	1.0	1.5		30.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	11.3	3.3	2.0		4.0	4.9	1.0	1.8	1.0	1.5		30.7
Initial Spares												
Total Proc Cost	11.3	3.3	2.0		4.0	4.9	1.0	1.8	1.0	1.5		30.7
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Truck Tractor, Yard Type, M878A2 is primarily used to provide a capability to shuttle 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. 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 vehicles weighing up to 88,000 pounds. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures 50 Truck Tractor, Yard Type, M878A2 required to replace overage M878 and M878A1 vehicles, to fill existing shortages, and to provide vehicles for newly created Cargo Transfer Companies. The Yard Tractor will be used anywhere in the world (i.e., ports, beaches, forward supply areas, and in the division area of responsibility, railhead operations, cargo handling areas, and in/near air terminal fields. These trucks are required to transport containerized cargo from port facilities to transfer points for line haul operations. If these trucks are not procured, the ability of the Army to strategically deploy from ships in preparation for forward movement will not be possible. The current fleet is 20 plus years old and is becoming increasingly difficult and expensive to maintain. The Army's Acquisition Objective is 333.

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, YARD TYPE, M878 (C/S) (D16000)			Weapon System Type:			Date: February 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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 (Hardware)							2800	35	80	4200	50	84	
Logistics							50						
Technical Manuals							500						
Engineering - In House							75			80			
Program Management Support							200			225			
System Fielding Support							350			379			
Total							3975			4884			

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon System Type:			P-1 Line Item Nomenclature: TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)					
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 (Hardware)										
FY 2002	To Be Selected	F/FP	TBD	June 02	May 03	35	80	No	N/A	N/A
FY 2003	To Be Selected	F/FP	TBD	Feb 03	Aug 03	50	84	No	N/A	N/A

REMARKS:

FY 03 / 04 BUDGET PRODUCTION SCHEDULE

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

Date:
February 2002

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 03												Fiscal Year 04												L A T E R	
							Calendar Year 03												Calendar Year 04													
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E		
Vehicle (Hardware)																																
	1	FY 02	A	35	0	35																										
	1	FY 03	A	50	0	50																										
Total				85		85																										

MFR	NAME/LOCATION	PRODUCTION RATES			REACHED	MFR Number	ADMINLEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN.	1-8-5	MAX.			Prior 1 Oct	After 1 Oct				
1	To Be Selected	2.00	2.00	10.00	0	1	INITIAL	0	9	11	20	
							REORDER	0	4	6	10	
							INITIAL					
							REORDER					
							INITIAL					
							REORDER					
							INITIAL					
							REORDER					

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			126	112	174	652	608	478	664	828		3642
Gross Cost			17.5	20.8	31.1	119.9	122.6	99.6	137.6	180.8		729.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			17.5	20.8	31.1	119.9	122.6	99.6	137.6	180.8		729.9
Initial Spares												
Total Proc Cost			17.5	20.8	31.1	119.9	122.6	99.6	137.6	180.8		729.9
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Heavy Expanded Mobility Tactical Truck Extended Service Program (HEMTT ESP) remanufactures and upgrades existing HEMTT vehicles with insertion of new technologies that reduce life cycle costs for the HEMTT fleet, reduce emissions, improve safety and performance, and provide greater warfighting capability. This program produces a "like-new" vehicle with a full new vehicle warranty. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures upgrades for 236 M978 Tankers, 40 M984A1 Wreckers, and 170 M985 Cargos, 156 M1022 LHS, 45 M983 Tractor, and 5 M985E1 Guided Missile Transporter (GMT); upgrading one Patriot Battalion, and initiating upgrade of the 4th Infantry Division (4ID) and 1st Cavalry Division (1CD) HEMTTs in the Counter Attack Corps. The HEMTT ESP program is the Army's only source for production of the HEMTT Load Handling System (LHS) configuration. HEMTT LHS reduces the logistics footprint 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 Interim Brigade Combat Teams and the Digitized Divisions, providing C130 transportability and modular delivery of fuel, ammunition and other classes of supply in forward areas.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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 M984A1 Wrecker											7892	40	198
HEMTT ESP M978 Tanker											44544	236	189
HEMTT ESP M1022 LHS	A				14230	112	128	20736	135	154	25147	156	162
HEMTT ESP M985 Cargo	A							6569	39	169	29967	170	177
HEMTT ESP M983 Tractor											6392	45	143
HEMTT ESP M985E1 GMT											915	5	183
Subtotal					14230			27305			114857		
2. Engineering Changes					485			463			2203		
3. Government Testing - ATC					1148			950			150		
4. Documentation					2529			1250			50		
5. Engineering Support - Government					193			173			176		
6. Quality Assurance Supt - Government					241			132			133		
7. Special Tools					43			74			283		
8. System Fielding Support					1476			479			1739		
9. PM Support					445			260			263		
Total					20790			31086			119854		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	FFP/Option	TACOM, Warren, MI	Mar 00	Jun 00	84	135	Yes	N/A	N/A
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	FFP/Option	TACOM, Warren, MI	Aug 00	Dec 00	42	135	Yes	N/A	N/A
FY 2001	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY1	TACOM, Warren, MI	Mar 01	Aug 01	112	128	Yes	N/A	N/A
FY 2002	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Feb 02	Aug 02	174	157	Yes	N/A	N/A
FY 2003	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Jan 03	Aug 03	652	176	Yes	N/A	N/A

REMARKS:

FY 04 / 05 BUDGET PRODUCTION SCHEDULE

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

Date:
 February 2002

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 04												Fiscal Year 05												L A T E R			
							Calendar Year 04												Calendar Year 05															
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
HEMTT ESP Vehicles																																		
	1	FY 00	A	84	84	0																												
	1	FY 00	A	42	42	0																												
	1	FY 01	A	112	112	0																												
	1	FY 02	A	174	174	0																												
	1	FY 03	A	652	59	593	59	59	59	59	59	59	59	60	60	60																		
Total				1064	471	593	59	59	59	59	59	59	59	60	60	60																		
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
MFR	PRODUCTION RATES				REACHED	MFR Number	ADMINLEAD TIME			MFR	TOTAL	REMARKS																						
NAME/LOCATION	MIN.	1-8-5	MAX.	D+	1	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct																									
1 Oshkosh Truck Corp. (OTC), Oshkosh, WI	1.00	50.00	100.00	12	1	0	5	5	10																									
						REORDER	0	3	7	10																								
						INITIAL																												
						REORDER																												
						INITIAL																												
						REORDER																												
						INITIAL																												
						REORDER																												
						INITIAL																												
						REORDER																												

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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

P-1 Item Nomenclature
LINE HAUL ESP (DV0011)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty		55	135	402	240							832
Gross Cost		4.9	12.2	32.5	18.4							68.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)		4.9	12.2	32.5	18.4							68.0
Initial Spares												
Total Proc Cost		4.9	12.2	32.5	18.4							68.0
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

The Line Haul Truck Tractor (M915A4) is an upgrade vehicle primarily found in Medium Transportation Companies used as a prime mover to transport break bulk, containers and petroleum over primary and secondary roads. It is a 6x4 tractor with a 2 ½-inch kingpin and 105,000 Gross Combination Vehicle Weight capacity. The M915A4 Truck Tractor is transportable by highway, rail, marine and air modes worldwide. This tractor combines new state-of-the-art components such as the cab, transmission, electrical and air systems with the existing Line Haul Truck Tractor engine and rear axle to create the M915A4 tractor at a cost effective price. This program is one of the U. S. Army's Top Recapitalization Programs. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

The M915A4 Line Haul truck tractor which will significantly improve readiness by using selected components from aging 17-19 years-old line haul fleet, combined with the upgrade "glider" kit, to produce upgraded vehicles at a cost effective unit price. These upgraded tractors will replace the current M915 Line Haul Tractors with the newly upgraded M915A4 Tractor on a one-for-one basis. The M915A4 Line Haul Truck Tractor is currently experiencing below the goal mission capable rates and is difficult and expensive to support due to its age. The upgraded M915A4 Line Haul Truck Tractor will significantly improve readiness due to its new cab, transmission, electrical systems, as well as enhancements such as Anti-Lock Brake System (ABS) and air conditioning. FY02 is the last year of funding for the M915A4 Line Haul ESP.

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: LINE HAUL ESP (DV0011)			Weapon System Type:			Date: February 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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 - M915A4					28140	402	70	17040	240	71			
Application of Kits					1125			350					
Engineering Change Proposals					985			236					
Documentation					200								
Testing - Follow On Test					200								
Engineering - In House					150			150					
Program Management Support					200			200					
System Fielding Support					300			250					
Component Assy/Disassembly at Depots					1230			161					
Total					32530			18387					

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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

Weapon System Type:

P-1 Line Item Nomenclature:
LINE HAUL ESP (DV0011)

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 - M915A4										
FY 2001	Freightliner Portland, OR	CFP RQ5(3)	TACOM, Warren, MI	Dec 00	Mar 01	286	70	YES	N/A	
FY 2001	Freightliner Portland, OR	CFPRQ5(3A)	TACOM, Warren, MI	Mar 01	Jun 01	57	70	YES	N/A	
FY 2001	Freightliner Portland, OR	CFPRQ5(3B)	TACOM, Warren, MI	Sep 01	Dec 01	59	70	YES	N/A	
FY 2002	Freightliner Portland, OR	CFP RQ5(4)	TACOM, Warren, MI	Feb 02	May 02	240	71	YES	N/A	

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty												
Gross Cost	123.3	10.9	31.0	47.2	52.3	73.3	58.3	22.4	5.0	5.0		428.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	123.3	10.9	31.0	47.2	52.3	73.3	58.3	22.4	5.0	5.0		428.9
Initial Spares												
Total Proc Cost	123.3	10.9	31.0	47.2	52.3	73.3	58.3	22.4	5.0	5.0		428.9
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

Supports the hardware and application of High Mobility Multi-purpose Wheeled Vehicle (HMMWV) 3-Point Seatbelt Modifications, M939 Anti-Lock Brake System (ABS), M939 Tire Improvement System, HMMWV Rear Differential Oil Cooler, HMMWV M997 Maxi-Ambulance Air conditioning upgrade, repair of M872 trailers, 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. In FY95, the M939 Truck was responsible for 26% of the total Army Military Vehicle (AMV) accidents and 53% of the total AMV fatalities. In FY90-FY95 timeframe, there were 194 serious accidents resulting in injury costs of \$8.1 million, property damage of \$2.9 million, 163 serious injuries and 46 fatalities. There are 32,000 M939 trucks worldwide that must have the anti-lock brake system applied. Additionally, 11,700 basic M939 series trucks are having their bias tires upgraded to radial tires as part of modification program to further improve vehicle safety. 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 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 accident rate is increasing, despite Army-wide command focus on proper procedures. 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 C4 equipment. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures modifications for the M939 Tire Improvement, M939 Anti-Lock Brake System, HMMWV 3-Point Seatbelt modifications, HMMWV Rear Differential Oil Cooler, the HEMTT Wheel Modification, the PLS Trailer Wheel Modification, and the PLS/HEMTT 4-Point Seatbelt Modification. The M939 modifications change the tires from the current bias ply Non-Directional Cross Country (NDCC) tire to a radial tire designed for on/off road. Recent improvement in radial tire design will provide better traction and mobility, which will enhance system safety. Further testing conducted in Jul 01, concluded that the ABS is incompatible with NDCC tires. Test data showed that 245 to 320-foot increase the wet braking distance of NDCC with ABS over trucks with ABS and radial tires. Thus the ABS kits must be installed on trucks with radial tires making it imperative that NDCC tires on M939 basic trucks be changed to radial tires. The HMMWV 3-point seatbelt safety enhancement modification provides 3-point seatbelts to the front and rear seats on all basic models. The change from two-point to the 3-point seatbelt will reduce injury associated with accidents by reducing the severity of injuries and fatalities. The M1113 Expanded Capacity Vehicle and M1114 Up-Armored HMMWV will be modified to include a rear differential oil cooler.

Exhibit P-40C, Budget Item Justification Sheet

Date:

February 2002

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:

The differential temperature issue is considered by the user community to be an operational deficiency that is so critical that fielding of 1,500 vehicles has been restricted until a modification is in place.

Exhibit P-40M, Budget Item Justification Sheet

Date:

February 2002

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	2000 & PR	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	TC	Total
HMMWV 3-PT Seatbelt											
1-92-06-4401	Safety	23.4	1.0	5.7	3.5	0.0	4.4	2.8	0.0	0.0	40.8
M939 Tire Improvement											
1-97-06-4532	Safety	21.9	14.7	14.9	5.3	4.8	0.0	0.0	0.0	20.9	82.5
M939 Anti-Lock Brake System (ABS)											
1-97-06-4533	Safety	15.7	15.4	13.6	4.9	4.5	0.0	0.0	0.0	20.2	74.3
HMMWV Rear Differential Oil Cooler											
1-98-06-4551	Safety	0.0	0.0	3.6	3.6	0.0	0.0	0.0	0.0	0.0	7.2
HEMTT Wheel Modification											
1-00-06-0003	Urgent	0.0	0.0	11.0	42.2	42.1	18.0	0.0	0.0	0.0	113.3
A8020 Fuel Injection Test Stand Upgrade											
0-00-00-0000		1.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
Aluminum Mesh Liner											
0-00-00-0000		0.0	7.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	11.0
M872 Modification Hardware											
1-01-06-0007	Special Purpose Mod	0.0	0.0	0.0	8.9	6.9	0.0	0.0	0.0	0.0	15.8
HEMTT/PLS 4-Point Seatbelt											
0-00-00-0000	Safety	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.3
PLS Trailer Wheel Modification											
TBD	Safety	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	3.6

Exhibit P-40M, Budget Item Justification Sheet

Date: February 2002

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	2000 & PR	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	TC	Total
HMMWV 3PT Seatbelts-M996 Mini Ambulance											
1-01-06-0004	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3
HMMWV 3PT Seatbelts-M997 Maxi Ambulance											
1-01-06-0005	Safety	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.0	0.0	2.9
HMMWV M997 Maxi-Ambulance A/C Upgrade											
1-02-06-0001	Urgent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	4.0
High Mobility Trailer MWOs											
0-00-00-0000	Urgent	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
Totals		62.0	47.2	52.3	73.3	58.3	22.4	5.0	5.0	41.1	366.6

INDIVIDUAL MODIFICATION

Date: February 2002

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 apply to the front and rear seats on all basic armor and non-armor HMMWV models. This three-point seatbelt is a safer and more effective restraint system than the two-point seatbelt; therefore, it will reduce the severity of injuries and fatalities and is a significant safety enhancement. Total requirement is for 76,925 front, rear seatbelt and Armor kits plus 1,318 template kits.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The three point seatbelts were added to the HMMWV vehicles in response to increased safety regulations. The 3Pt belt 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 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 2001				FY 2002				FY 2003				FY 2004				FY 2005				
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	48395	1586	622	622	622	622	996	996	996	996	939	939	939	939	940	940			1093	1093	1093
Outputs	48395	1586	622	622	622	622	996	996	996	996	939	939	939	939	940	940			1093	1093	1093

	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Inputs	1093	1093	1093	1093	1093	1094	1094	1094	1094	1094											76925
Outputs	1093	1093	1093	1093	1093	1094	1094	1094	1094	1094											76925

METHOD OF IMPLEMENTATION:	Depot field team	ADMINISTRATIVE LEADTIME:	6 Months	PRODUCTION LEADTIME:	4 Months
Contract Dates:	FY 2002 Apr 02	FY 2003		FY 2004	
Delivery Date:	FY 2002 Aug 02	FY 2003		FY 2004	

INDIVIDUAL MODIFICATION

Date: February 2002

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement																					
Kit Quantity																					
Installation Kits	57075	9.8			16288	4.4	3562	1.0											76925	15.2	
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
Installation of Hardware																					
FY 2000 & Prior Equip -- Kits	49981	13.6																	49981	13.6	
FY 2001 -- Kits			3110	1.0															3110	1.0	
FY 2002 Equip -- Kits					3984	1.3													3984	1.3	
FY 2003 Equip -- Kits							5636	2.5											5636	2.5	
FY 2004 Equip -- Kits																					
FY 2005 Equip -- Kits										8994	4.4								8994	4.4	
FY 2006 Equip -- Kits												1658	0.9						1658	0.9	
FY 2007 Equip -- Kits												3562	1.9						3562	1.9	
TC Equip- Kits																					
Total Installment	49981	13.6	3110	1.0	3984	1.3	5636	2.5		0.0	8994	4.4	5220	2.8			0.0		0.0	76925	25.6
Total Procurement Cost		23.4		1.0		5.7		3.5		0.0		4.4		2.8			0.0		0.0		40.8

INDIVIDUAL MODIFICATION

Date: February 2002

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 four 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 per truck with a 20-year life 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 bias tires react like ice skates and 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 00, and May 01
 Hardware Application - Jan 00 - Dec 05

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005				
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	1994	457	457	512	512	512	512	548	549	549	549	189	189	189	190	174	174	174	174		
Outputs	1994	457	457	512	512	512	512	548	549	549	549	189	189	189	190	174	174	174	174		

	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Inputs																				3096	11700
Outputs																				3096	11700

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 3 Months PRODUCTION LEADTIME: 2 Months
 Contract Dates: FY 2002 Jan 02 FY 2003 Jan 03 FY 2004 Jan 04
 Delivery Date: FY 2002 Mar 02 FY 2003 Mar 03 FY 2004 Mar 04

INDIVIDUAL MODIFICATION

Date: February 2002

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																					
Procurement																					
Kit Quantity																					
Installation Kits	2908	11.5	2048	8.3	2195	9.0	757	3.2	696	2.9							3096	12.7	11700	47.6	
Installation Kits, Nonrecurring Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other (Testing, PM/Eng Spt)		4.2		1.7		1.0		0.4		0.3								0.9		8.5	
Interim Contractor Support																					
Installation of Hardware																					
FY 2000 & Prior Equip -- Kits	2908	6.2																		2908	6.2
FY 2001 -- Kits			2048	4.7																2048	4.7
FY 2002 Equip -- Kits					2195	4.9														2195	4.9
FY 2003 Equip -- Kits							757	1.7												757	1.7
FY 2004 Equip -- Kits									696	1.6										696	1.6
FY 2005 Equip -- Kits																					
FY 2006 Equip -- Kits																					
FY 2007 Equip -- Kits																					
TC Equip- Kits																	3096	7.3	3096	7.3	
Total Installment	2908	6.2	2048	4.7	2195	4.9	757	1.7	696	1.6		0.0		0.0		0.0	3096	7.3	11700	26.4	
Total Procurement Cost		21.9		14.7		14.9		5.3		4.8		0.0		0.0		0.0		20.9		82.5	

INDIVIDUAL MODIFICATION

Date: February 2002

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 four 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
- Developmental Test & Evaluation - 1 Oct 96 - 30 Sep 97
- Hardware Procurement - 17 May 99
- Hardware Application - Jan 00 - Dec 05

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005				
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	5454	1250	1250	1400	1400	1400	1400	1500	1500	1500	1500	517	517	518	518	476	476	476	476		
Outputs	5454	1250	1250	1400	1400	1400	1400	1500	1500	1500	1500	517	517	518	518	476	476	476	476		

	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Inputs																		8472		32000
Outputs																		8472		32000

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 3 Months PRODUCTION LEADTIME: 2 Months
 Contract Dates: FY 2002 Jan 02 FY 2003 Jan 03 FY 2004 Jan 04
 Delivery Date: FY 2002 Mar 02 FY 2003 Mar 03 FY 2004 Mar 04

INDIVIDUAL MODIFICATION

Date: February 2002

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																					
Procurement																					
Kit Quantity	7954	8.6	5600	7.3	6000	8.6	2070	3.0	1904	2.8							8472	12.7	32000	43.0	
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other (Testing, PM/Eng Supt)		2.6		4.1		0.8		0.4		0.3								0.7		8.9	
Interim Contractor Support																					
Installation of Hardware																					
FY 2000 & Prior Equip -- Kits	7954	4.5																		7954 4.5	
FY 2001 -- Kits			5600	4.0																5600 4.0	
FY 2002 Equip -- Kits					6000	4.2														6000 4.2	
FY 2003 Equip -- Kits							2070	1.5												2070 1.5	
FY 2004 Equip -- Kits									1904	1.4										1904 1.4	
FY 2005 Equip -- Kits																					
FY 2006 Equip -- Kits																					
FY 2007 Equip -- Kits																					
TC Equip- Kits																	8472	6.8	8472	6.8	
Total Installment	7954	4.5	5600	4.0	6000	4.2	2070	1.5	1904	1.4		0.0		0.0		0.0	8472	6.8	32000	22.4	
Total Procurement Cost		15.7		15.4		13.6		4.9		4.5		0.0		0.0		0.0		20.2		74.3	

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: HMMWV Rear Differential Oil Cooler [MOD 4] 1-98-06-4551

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

DESCRIPTION/JUSTIFICATION:

The 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 operational 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 - 4Q 98
 Production Award - 2Q02
 Hardware Application - 4Q02 - 2Q04 (for FY02 & FY03 Qty)

Installation Schedule:

	Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005				
		Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs									400	500	700	700	750	583	583							
Outputs									400	500	700	700	750	583	583							

	FY 2006				FY 2007				FY 2008				FY 2009				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:	Contractor	ADMINISTRATIVE LEADTIME:	5 Months	PRODUCTION LEADTIME:	3 Months
Contract Dates:	FY 2002 Mar 02	FY 2003 Dec 02		FY 2004	
Delivery Date:	FY 2002 Jun 02	FY 2003 Feb 03		FY 2004	

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): HMMWV Rear Differential Oil Cooler [MOD 4] 1-98-06-4551

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity					2108	2.6	2108	2.6											4216	5.2
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip -- Kits																				
FY 2001 -- Kits																				
FY 2002 Equip -- Kits					2108	1.0													2108	1.0
FY 2003 Equip -- Kits							2108	1.0											2108	1.0
FY 2004 Equip -- Kits																				
FY 2005 Equip -- Kits																				
FY 2006 Equip -- Kits																				
FY 2007 Equip -- Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0	2108	1.0	2108	1.0		0.0		0.0		0.0		0.0		0.0	4216	2.0
Total Procurement Cost		0.0		0.0		3.6		3.6		0.0		0.0		0.0		0.0		0.0		7.2

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: HEMTT Wheel Modification [MOD 5] 1-00-06-0003

MODELS OF SYSTEM AFFECTED: All HEMTTs fielded prior to CY2000

DESCRIPTION/JUSTIFICATION:

This is a Chief of Staff, United States Army (CSA) interest item. Implements Maintenance Work Order (MWO) No. 9-2320-279-20-9 to field retrofit a safer, bolt-together wheel design and tubeless tire. The HEMTT Wheel Modification program extends this safer configuration via retrofit of the fielded HEMTT fleet. Over the past few years, 59 soldier-injury split rim unique accidents have occurred for the 220 TACOM managed systems that use split rim design wheels. Of those accidents, 30 were specifically attributed to the HEMTT fleet, which also accounted for the two fatalities during 1999-2000. The accident rate is increasing despite Army-wide command focus on proper procedures. The PM HTV has implemented an expedited change to the production vehicle configuration to include a safer, bolt-together wheel design and tubeless tire.

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. Initial Contract Award for retrofit planned for Feb 02. Delivery of retrofit kits and start of kit installation planned for 4 months after award, or Jun 2002. The program will be executed by Red River Army Depot (RRAD).

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005				
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs						231	231	231	231	956	956	956	956	999	999	999	999	999	428	428	428
Outputs							231	231	231	231	956	956	956	956	999	999	999	999	999	428	428

Pr Yr	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs	428																				10456	
Outputs	428	428																				10456

METHOD OF IMPLEMENTATION:	Depot/Contractor Team	ADMINISTRATIVE LEADTIME:	3 Months	PRODUCTION LEADTIME:	4 Months
Contract Dates:	FY 2002 FY2002	FY 2003	Feb 02	FY 2004	
Delivery Date:	FY 2002 FY2002	FY 2003	May 02	FY 2004	

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): HEMTT Wheel Modification [MOD 5] 1-00-06-0003

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement																					
Kit Quantity																					
Installation Kits					924	9.9	3824	37.5	3996	37.5	1712	16.1							10456	101.0	
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other (PM Supt)																					
--																					
Installation of Hardware																					
FY 2000 & Prior Equip -- Kits																					
FY 2001 -- Kits																					
FY 2002 Equip -- Kits					924	1.1														924	1.1
FY 2003 Equip -- Kits							3824	4.7												3824	4.7
FY 2004 Equip -- Kits									3996	4.6										3996	4.6
FY 2005 Equip -- Kits											1712	1.9								1712	1.9
FY 2006 Equip -- Kits																					
FY 2007 Equip -- Kits																					
TC Equip- Kits																					
Total Installment		0.0		0.0	924	1.1	3824	4.7	3996	4.6	1712	1.9		0.0		0.0		0.0	10456	12.3	
Total Procurement Cost		0.0		0.0		11.0		42.2		42.1		18.0		0.0		0.0		0.0			113.3

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: A8020 Fuel Injection Test Stand Upgrade [MOD 6] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: A8020

DESCRIPTION/JUSTIFICATION:

The Fuel Injection Test Stand (FITS) is a machine to test and recalibrate specific fuel injectors that are a component in diesel engines used in all types of Army vehicles. The FITS is being upgraded to extend its useful life as projected 10-15 years. The upgrade is necessary due to the obsolescence of key components of the test stand designed with 1980 technology to connect with current known products and software in the trucks.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Description for Purchase (DFP) Jan 02
 Solicitation - Jan 02 - Feb 02
 1st Article Test - Sep 02

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005				
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs								2	2	3	3	3	3	3	3	3	3	3	3	3	3
Outputs								2	2	2	3	3	3	3	3	3	3	3	3	3	3

	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Inputs																					37
Outputs	3																				37

METHOD OF IMPLEMENTATION:	C/FFP	ADMINISTRATIVE LEADTIME:	3 Months	PRODUCTION LEADTIME:	9 Months
Contract Dates:	FY 2002 Jan 01	FY 2003		FY 2004	
Delivery Date:	FY 2002 Jan 02	FY 2003		FY 2004	

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): A8020 Fuel Injection Test Stand Upgrade [MOD 6] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	5	1.0	32	6.0															37	7.0
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip -- Kits																				
FY 2001 -- Kits																				
FY 2002 Equip -- Kits																				
FY 2003 Equip -- Kits																				
FY 2004 Equip -- Kits																				
FY 2005 Equip -- Kits																				
FY 2006 Equip -- Kits																				
FY 2007 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
Total Procurement Cost		1.0		6.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		7.0

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: Aluminum Mesh Liner [MOD 7] 0-00-00-0000

MODELS OF SYSTEM AFFECTED:

DESCRIPTION/JUSTIFICATION:

FY02 Congressional add for aluminum mesh liners.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

Pr Yr	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						0

METHOD OF IMPLEMENTATION:

Contract Dates: FY 2002

Delivery Date: FY 2002

ADMINISTRATIVE LEADTIME:

0 Months

FY 2003

FY 2003

PRODUCTION LEADTIME:

0 Months

FY 2004

FY 2004

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): Aluminum Mesh Liner [MOD 7] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																					
Procurement																					
Kit Quantity				7.5		3.5															11.0
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
Installation of Hardware																					
FY 2000 & Prior Equip -- Kits																					
FY 2001 -- Kits																					
FY 2002 Equip -- Kits																					
FY 2003 Equip -- Kits																					
FY 2004 Equip -- Kits																					
FY 2005 Equip -- Kits																					
FY 2006 Equip -- Kits																					
FY 2007 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		0.0		7.5		3.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0	11.0

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: M872 Modification Hardware [MOD 8] 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 SOUM #01-008, signed by DA, in Feb 2001 and updated in Jun 01. The trailer's kingpin mounting structure has deteriorated over the fleet's 20 plus year service life due to 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 our MWO program labor costs. Installation of repair kits is forecast to begin 2nd Qtr FY03 and last through 4th Qtr FY05. 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 05

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005				
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs										471	471	471	471	471	472	472	444	444	444	445	445
Outputs										471	471	471	471	471	472	472	444	444	444	445	445

Pr Yr	FY 2006				FY 2007				FY 2008				FY 2009				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:	1 Months	PRODUCTION LEADTIME:	1 Months
Contract Dates:	FY 2002	FY 2003	Nov 03	FY 2004	
Delivery Date:	FY 2002	FY 2003	Dec 03	FY 2004	

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): M872 Modification Hardware [MOD 8] 1-01-06-0007

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity							2828	3.6	2222	2.8									5050	6.4
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip -- Kits																				
FY 2001 -- Kits																				
FY 2002 Equip -- Kits																				
FY 2003 Equip -- Kits							2828	5.3											2828	5.3
FY 2004 Equip -- Kits									2222	4.1									2222	4.1
FY 2005 Equip -- Kits																				
FY 2006 Equip -- Kits																				
FY 2007 Equip -- Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0	2828	5.3	2222	4.1		0.0		0.0		0.0		0.0	5050	9.4
Total Procurement Cost		0.0		0.0		0.0		8.9		6.9		0.0		0.0		0.0		0.0		15.8

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: HEMTT/PLS 4-Point Seatbelt [MOD 9] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: HEMTT/PLS Trucks in IBCT #1 and 2; and in FDD

DESCRIPTION/JUSTIFICATION:

Beginning with November 2001 deliveries, the Heavy Expanded Mobility Tactical Truck (HEMTT) production configuration will include an improved Seat/4-Point SeatBelt. Palletized Load System (PLS) will follow in 2QFY02. This improved seat/seatbelt will significantly enhance crew safety, especially for rollover accidents. Historical data shows that rollovers are 25% of the heavy tactical vehicle accidents, but account for 50% of the fatalities. The vehicles in the First Digitized Division/Interim Brigade Combat Team (FDD/IBCT) have extensive C4 equipment installed on the doghouse between driver and passenger, which present new injury surfaces in the event of a rollover. The improved seat/seatbelt is required to preclude the soldiers striking this C4 equipment in FDD/IBCT vehicles fielded prior to production cut-in.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

ECP was cut into production Nov 2001.
Retrofit begins April 2003.

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs												79	210	210	210							
Outputs												79	210	210	210							

Pr Yr	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals					
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4							
Inputs																						709	
Outputs																							709

METHOD OF IMPLEMENTATION:	Contractor	ADMINISTRATIVE LEADTIME:	2 Months	PRODUCTION LEADTIME:	4 Months
Contract Dates:	FY 2002 Dec 02	FY 2003		FY 2004	
Delivery Date:	FY 2002 Apr 03	FY 2003		FY 2004	

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): HEMTT/PLS 4-Point Seatbelt [MOD 9] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity																				
Installation Kits							709	1.1											709	1.1
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip -- Kits																				
FY 2001 -- Kits																				
FY 2002 Equip -- Kits																				
FY 2003 Equip -- Kits							709	0.2											709	0.2
FY 2004 Equip -- Kits																				
FY 2005 Equip -- Kits																				
FY 2006 Equip -- Kits																				
FY 2007 Equip -- Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0	709	0.2		0.0		0.0		0.0		0.0		0.0	709	0.2
Total Procurement Cost		0.0		0.0		0.0		1.3		0.0		0.0		0.0		0.0		0.0		1.3

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: PLS Trailer Wheel Modification [MOD 10] TBD

MODELS OF SYSTEM AFFECTED: Fielded PLS Trailers

DESCRIPTION/JUSTIFICATION:

This is a Chief of Staff, United States Army (CSA) interest item. The PM HTV has initiated an expedited change to the production vehicle configuration to include a safer, bolt-together wheel design. The Palletized Load System (PLS) Trailer currently uses the split-ring wheel configuration. Over the past few years, 59 soldier-injury split rim unique accidents have occurred for the 220 TACOM managed systems that use split rim design wheels. The overall TACOM-wide accident rate is increasing despite Army-wide command focus on proper procedures. This modification program will begin the change to the safer bolt together wheel configuration for the fielded PLS Trailer fleet.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

ECP cut into production is scheduled 3QFY02.
Contract award scheduled for Dec 2002 with initial delivery of retrofit hardware in May 2003.

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs											95	200	300	300								
Outputs											95	200	300	300								

Pr Yr	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						895
Outputs																						895

METHOD OF IMPLEMENTATION:	Contractor	ADMINISTRATIVE LEADTIME:	2 Months	PRODUCTION LEADTIME:	5 Months
Contract Dates:	FY 2002 Dec 02	FY 2003		FY 2004	
Delivery Date:	FY 2002 May 03	FY 2003		FY 2004	

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): PLS Trailer Wheel Modification [MOD 10] TBD

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity							895	3.1											895	3.1
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip -- Kits																				
FY 2001 -- Kits																				
FY 2002 Equip -- Kits																				
FY 2003 Equip -- Kits							895	0.5											895	0.5
FY 2004 Equip -- Kits																				
FY 2005 Equip -- Kits																				
FY 2006 Equip -- Kits																				
FY 2007 Equip -- Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0	895	0.5		0.0		0.0		0.0		0.0		0.0	895	0.5
Total Procurement Cost		0.0		0.0		0.0		3.6		0.0		0.0		0.0		0.0		0.0		3.6

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: HMMWV 3PT Seatbelts-M996 Mini Ambulance [MOD 11] 1-01-06-0004

MODELS OF SYSTEM AFFECTED: HMMWV M996 Mini-Ambulances

DESCRIPTION/JUSTIFICATION:

The M996 HMMWV 3-point seatbelt modification, 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 HMMWV vehicles 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 will be applied using one of the three hardware kits developed to cover the different vehicle configurations.

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs				80	82	82	82											326
Outputs				80	82	82	82											326

METHOD OF IMPLEMENTATION:	Depot field team	ADMINISTRATIVE LEADTIME:	0 Months	PRODUCTION LEADTIME:	0 Months
Contract Dates:	FY 2002		FY 2003		FY 2004
Delivery Date:	FY 2002		FY 2003		FY 2004

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): HMMWV 3PT Seatbelts-M996 Mini Ambulance [MOD 11] 1-01-06-0004

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity													326	0.1					326	0.1
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip -- Kits																				
FY 2001 -- Kits																				
FY 2002 Equip -- Kits																				
FY 2003 Equip -- Kits																				
FY 2004 Equip -- Kits																				
FY 2005 Equip -- Kits																				
FY 2006 Equip -- Kits													326	0.2					326	0.2
FY 2007 Equip -- Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0	326	0.2		0.0		0.0	326	0.2
Total Procurement Cost		0.0		0.0		0.0		0.0		0.0		0.0		0.3		0.0		0.0		0.3

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: HMMWV 3PT Seatbelts-M997 Maxi Ambulance [MOD 12] 1-01-06-0005

MODELS OF SYSTEM AFFECTED: HMMWV M997 Maxi-Ambulances

DESCRIPTION/JUSTIFICATION:

The M997 HMMWV 3-point seatbelt modification, 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 HMMWV vehicles 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 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 2001				FY 2002				FY 2003				FY 2004				FY 2005					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs				430	430	430	430	430	430	430	431								3441
Outputs				430	430	430	430	430	430	430	431								3441

METHOD OF IMPLEMENTATION:	Depot field team	ADMINISTRATIVE LEADTIME:	4 Months	PRODUCTION LEADTIME:	6 Months
Contract Dates:	FY 2002		FY 2003		FY 2004
Delivery Date:	FY 2002		FY 2003		FY 2004

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): HMMWV 3PT Seatbelts-M997 Maxi Ambulance [MOD 12] 1-01-06-0005

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																					
Procurement																					
Kit Quantity													3441	0.8						3441	0.8
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
Installation of Hardware																					
FY 2000 & Prior Equip -- Kits																					
FY 2001 -- Kits																					
FY 2002 Equip -- Kits																					
FY 2003 Equip -- Kits																					
FY 2004 Equip -- Kits																					
FY 2005 Equip -- Kits																					
FY 2006 Equip -- Kits													1768	1.1						1768	1.1
FY 2007 Equip -- Kits															1673	1.0				1673	1.0
TC Equip- Kits																					
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0	1768	1.1	1673	1.0		0.0	3441	2.1	
Total Procurement Cost		0.0		0.0		0.0		0.0		0.0		0.0		1.9		1.0		0.0			2.9

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: HMMWV M997 Maxi-Ambulance A/C Upgrade [MOD 13] 1-02-06-0001

MODELS OF SYSTEM AFFECTED: HMMWV M997 Maxi-Ambulance

DESCRIPTION/JUSTIFICATION:

Upgrade the M997 HMMWV ambulance air conditioning refrigerant. Currently, the refrigerant used has an adverse environmental impact. Army policy has directed the discontinuance of ozone depleting chemicals in Army vehicles in FY05. The current supply of M997 refrigerant will be depleted by FY05. This effort will modify to R-134a refrigerant, which complies with Federal Regulations and international agreements restricting the use of ozone depleting chlorofluorocarbon (CFC) gases. This is an environmental and supportability issue. The ozone-depleting refrigerant currently in M997 HMMWV ambulances will not be available after FY05. Ambulances will be unable to operate their air conditioning units, which is a medical requirement. Also, without the modification M997 HMMWV ambulances with functional air conditioning systems will continue using ozone-depleting refrigerant adversely impacting the environment.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Engineering effort to replace the M997 HMMWV ambulance air conditioning refrigerant is being initiated. The Engineering Change Proposal (ECP) is expected by 3rd Qtr FY03. Pending funding availability the contract for modification kits will be awarded at the beginning of FY04, and the application of MWO kits will start in the 4th Qtr FY04. This will allow the completion of field application by 1st Qtr FY06.

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						
	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs								623	623	623	623	623										3115
Outputs								623	623	623	623	623										3115

METHOD OF IMPLEMENTATION:	Contractor	ADMINISTRATIVE LEADTIME:	4 Months	PRODUCTION LEADTIME:	6 Months
Contract Dates:	FY 2002	FY 2003		FY 2004	
Delivery Date:	FY 2002	FY 2003		FY 2004	

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): HMMWV M997 Maxi-Ambulance A/C Upgrade [MOD 13] 1-02-06-0001

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity															3115	1.6			3115	1.6
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip -- Kits																				
FY 2001 -- Kits																				
FY 2002 Equip -- Kits																				
FY 2003 Equip -- Kits																				
FY 2004 Equip -- Kits																				
FY 2005 Equip -- Kits																				
FY 2006 Equip -- Kits																				
FY 2007 Equip -- Kits															3115	2.4			3115	2.4
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0		0.0	3115	2.4		0.0	3115	2.4
Total Procurement Cost		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.0		0.0		4.0

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE: High Mobility Trailer MWOs [MOD 14] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: High Mobility Trailers

DESCRIPTION/JUSTIFICATION:

Funds to procure brake actuator MWO kits, M998 HMMWV crossmember MWO kits, and M1097 series HMMWV air-lift bumper reinforcement MWO kits for the High Mobility Trailers (HMT). These MWO kits provide full operational performance with increased effectiveness, and will reduce life cycle costs by reducing unscheduled maintenance. In addition, when kits are applied, the medium safety risk associated with catastrophic brake actuator failure will have been mitigated. PM required this funding to address the HMMWV/HMT system problems in order to meet the Required Operational Capability (ROC) of 15-mph average and 20-mph maximum cross-country speed and meet the conditions required by material release. Both the full material release and SOUM 01-010 require HMMWV kits to be applied on a 2:1 basis (two HMMWVs modified for each HMT fielded) in conjunction with HMT fielding.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Procured 7,112ea brake actuators, 7,442ea cross members, and 5,876ea air lift reinforcement kits in FY01. Kits application: Mar 01 - Sep 02

Installation Schedule:

Pr Yr	FY 2001				FY 2002				FY 2003				FY 2004				FY 2005					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs			518	518	519	519	519	519	519													
Outputs			518	518	519	519	519	519	519													

	FY 2006				FY 2007				FY 2008				FY 2009				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						3631
Outputs																						3631

METHOD OF IMPLEMENTATION:	Depot field team	ADMINISTRATIVE LEADTIME:	0 Months	PRODUCTION LEADTIME:	0 Months
Contract Dates:	FY 2002		FY 2003		FY 2004
Delivery Date:	FY 2002		FY 2003		FY 2004

INDIVIDUAL MODIFICATION

Date: February 2002

MODIFICATION TITLE (Cont): High Mobility Trailer MWOs [MOD 14] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2000 and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity			3631	1.5															3631	1.5
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip -- Kits																				
FY 2001 -- Kits			3631	1.1															3631	1.1
FY 2002 Equip -- Kits																				
FY 2003 Equip -- Kits																				
FY 2004 Equip -- Kits																				
FY 2005 Equip -- Kits																				
FY 2006 Equip -- Kits																				
FY 2007 Equip -- Kits																				
TC Equip- Kits																				
Total Installment		0.0	3631	1.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0	3631	1.1
Total Procurement Cost		0.0		2.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		2.6

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty												
Gross Cost	64.1	0.9	1.6	3.1	1.9	5.0	3.5	3.1	5.1	6.1		94.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	64.1	0.9	1.6	3.1	1.9	5.0	3.5	3.1	5.1	6.1		94.3
Initial Spares												
Total Proc Cost	64.1	0.9	1.6	3.1	1.9	5.0	3.5	3.1	5.1	6.1		94.3
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. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funding is required to support automotive common #1 and common #2 tool kit shortages. These Sets, Kits and Outfit's (SKO's) are on every readiness review. These tool sets are critical for units' maintenance of equipment. Other shop equipment that is required for units to properly maintain operations include basic auto repair shop equipment, and fuel and electric repair shop equipment.

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 2002		
OPA1 Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		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, Auto Maint Suppl #1 4910-00-754-0706					276	5	56	175	5	35	175	5	35
2. Shop Equip, Fuel & Elec Sys Eng, FM 4940-00-754-0714					268	9	30	150	5	30			
3. Automotive Basic Common #1 4910-00-754-0654					265	10	27	256	8	32			
4. Automotive Basic Common #2 4910-00-754-0650					200	7	29						
5. Shop Equip Auto Maint & Repair 4910-00-754-0705					433	4	108	711	9	79	711	9	79
6. Shop Equip Auto Repair FM Suppl #2 4910-00-754-0707					460	4	115	275	5	55	275	5	55
7. Mechanical Maint Shelter								140	1	140			
8. Standard Automotive Tool Set (SATS)								72	2	36	3744	104	36
9. Engineering Support								111	1	111	74	1	74
10. Fifth Wheel Towing Device					1195	3	399						
Total					3097			1890			4979		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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, Auto Maint Suppl #1										
FY 2001	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 00	Nov 01	5	56	Y	N	
FY 2002	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 01	Nov 02	5	35	Y	N	
FY 2003	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 02	Nov 03	5	35	Y	N	
4910-00-754-0706										
2. Shop Equip, Fuel & Elec Sys Eng, FM										
FY 2001	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 00	Nov 01	9	30	Y	N	
FY 2002	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 01	Nov 02	5	30	Y	N	
4940-00-754-0714										
3. Automotive Basic Common #1										
FY 2001	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 00	Nov 01	10	27	Y	N	
FY 2002	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 01	Nov 02	8	32	Y	N	
4910-00-754-0654										
4. Automotive Basic Common #2										
FY 2001	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 00	Nov 01	7	29	Y	N	

REMARKS:

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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
4910-00-754-0650										
5. Shop Equip Auto Maint & Repair										
FY 2001	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 00	Nov 01	4	108	Y	N	
FY 2002	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 01	Nov 02	9	79	Y	N	
FY 2003	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 02	Nov 03	9	79	Y	N	
4910-00-754-0705										
6. Shop Equip Auto Repair FM Suppl #2										
FY 2002	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 01	Nov 02	5	55	Y	N	
FY 2003	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 02	Nov 03	5	55	Y	N	
4910-00-754-0707										
7. Mechanical Maint Shelter										
FY 2002	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 01	Nov 02	1	140	Y	N	
8. Standard Automative Tool Set (SATS)										
FY 2002	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 01	Nov 02	2	36	Y	N	
FY 2003	RIA Rock Island, Illinois	REQN/FP	TACOM, Rock Island, IL	Oct 02	Nov 03	104	36	Y	N	

REMARKS:

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

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
9. Engineering Support										
FY 2002	RIA Rock Island, Illinois	PWD	TACOM, Rock Island, IL	Oct 01	Nov 01	1	111	Y	N	
FY 2003	RIA Rock Island, Illinois	PWD	TACOM, Rock Island, IL	Oct 02	Nov 02	1	74	Y	N	
10. Fifth Wheel Towing Device										
FY 2001	True Hitch Torrington, CT	MIPR	True Hitch , Torrington, CT	May 01	Aug 01	3	399	Y	N/A	

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

P-1 Item Nomenclature
HEAVY ARMORED SEDAN (D22100)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty		54	3	6	3	6	29					101
Gross Cost		5.3	0.5	1.1	0.6	0.6	2.6					10.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)		5.3	0.5	1.1	0.6	0.6	2.6					10.6
Initial Spares												
Total Proc Cost		5.3	0.5	1.1	0.6	0.6	2.6					10.6
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

These vehicles are standard commercial design vehicles that are armored in accordance with U.S. State Department guidelines/requirements for either Light Armored Vehicles (LAV) and for Heavy Armored Vehicles (HAV). The degree of armor is in accordance with the nature and degree of threat in the area of use. These vehicles range from sedans to sport utility vehicles and are utilized by high level (General Officer) and visiting dignitaries, who may be seen as terrorist targets. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures armored commercial vehicles to replace overage/over-mileage vehicles, or to fill other urgent armored vehicle requirements that may originate due to U.S. involvement in Outside the Continental United States (OCONUS) operations. All Theatre areas with U.S. Service personnel do an "Area Threat Assessment" each year. This assessment indicates the potential threat to the lives of personnel in those areas and determines the level of degree to which the vehicles should be armored (LAV or HAV) to avoid loss of life to U.S. personnel.

This program was provided a supplemental fund called Defense Emergency Response Fund (DERF), as a non-add, for the following fiscal years with amounts: FY03 \$10.7M, FY04 \$100K, FY05 \$200K, FY06 \$100K, FY07 \$600K.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

P-1 Item Nomenclature
PASSENGER CARRYING VEHICLES (D23000)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty		27	20	35	29	10	38					159
Gross Cost	259.2	0.5	0.6	0.7	1.1	0.3	1.2					263.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	259.2	0.5	0.6	0.7	1.1	0.3	1.2					263.5
Initial Spares												
Total Proc Cost	259.2	0.5	0.6	0.7	1.1	0.3	1.2					263.5
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

Vehicles are of standard design, intended to provide transportation for Army personnel and family members. Vehicles are procurable from commercial production lines, which includes sedans, ambulances, buses, station wagons, and hearses. Passenger Carrying vehicles (primarily sedans) are used for investigation, field intelligence, and security. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures Passenger Carrying Vehicles that are urgently required to satisfy priority requirements, fill existing worldwide shortages, and replace overage/over-mileage vehicles. Fielding of sedans, buses and ambulances will alleviate excessive downtime, reduce maintenance and repair costs, and maximize mission capabilities of users (primarily Outside the Continental United States (OCONUS) activities).

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	63881											63881
Gross Cost	616.5	17.2	30.3	8.2	5.4	1.8	6.4	0.6	0.6	0.7		687.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	616.5	17.2	30.3	8.2	5.4	1.8	6.4	0.6	0.6	0.7		687.6
Initial Spares												
Total Proc Cost	616.5	17.2	30.3	8.2	5.4	1.8	6.4	0.6	0.6	0.7		687.6
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

This line is a roll 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. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures Non-Tactical Vehicles, needed to fill existing worldwide shortages and to replace unsafe, overage and over mileage, and/or uneconomical to repair Non-Tactical Vehicles. Supplemental funding has been authorized for Weapons of Mass Destruction: \$26,928,000 for FY 00, and \$5,650,000 for FY 01.

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2002

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)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty					17		11					28
Gross Cost					3.0	0.1	3.0					6.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)					3.0	0.1	3.0					6.1
Initial Spares												
Total Proc Cost					3.0	0.1	3.0					6.1
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

This Semi-Trailer is of standard commercial design and 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 procurable from commercial sources. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures engineering support or modifications for the prototype Personnel Carrying Semi-Trailer Van. These Semi-Trailers are urgently needed to replace overage, obsolete, extremely poor condition, and potentially unsafe Semi-Trailers currently being used to transport military personnel and their equipment to training sites. Total Army Acquisition Objective (AAO) is 86.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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

P-1 Item Nomenclature
GENERAL PURPOSE VEHICLES (DV0013)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	48354	27	26	26	26	16	49					48524
Gross Cost	371.0	2.4	2.2	1.4	1.5	0.6	2.3	0.6	0.6	0.7		383.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	371.0	2.4	2.2	1.4	1.5	0.6	2.3	0.6	0.6	0.7		383.1
Initial Spares												
Total Proc Cost	371.0	2.4	2.2	1.4	1.5	0.6	2.3	0.6	0.6	0.7		383.1
Flyaway U/C												
Wpn Sys Proc U/C												

Description:

Vehicles are of standard commercial design, intended primarily for general administrative use in transporting personnel and cargo. 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. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures General Purpose Vehicles; which are urgently required to satisfy high priority requirements, fill existing worldwide shortages, replace overage/over mileage vehicles, and to fill new requirements for the recovery of remains of Prisoner Of War/Missing In Action (POW/MIA) in North Korea. 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. Carryalls are also needed for covert OCONUS activities. Fielding of new General Purpose Vehicles will alleviate excessive downtime, reduce maintenance and repair costs, and provide greater operational safety.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2002

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:
A

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	15527	10	10	11	10	6	6					15580
Gross Cost	245.5	14.8	28.1	6.9	0.9	1.0	1.1					298.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	245.5	14.8	28.1	6.9	0.9	1.0	1.1					298.4
Initial Spares												
Total Proc Cost	245.5	14.8	28.1	6.9	0.9	1.0	1.1					298.4
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. The maintenance on these vehicles is managed by either their age or mileage. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 procures new Special Purpose Vehicles, which will provide for greater operational safety, alleviate excessive downtime, reduce maintenance and repair costs and maximize the mission capabilities of users. Most Special Purpose Vehicles are not being converted to General Services Administration (GSA) lease; therefore support to the health and welfare missions of the field must continue to be provided by procurement. All budgeted procurements of non-tactical vehicles are urgently required to satisfy high priority requirements, fill existing worldwide shortages and replace overage/over mileage/substitute vehicles. Service platform, maintenance, and refuse trucks are required to continue the engineering support mission necessary to the operation of posts, camps, and stations worldwide. Supplemental funding has been authorized for the execution of Weapons of Mass Destruction requirement - Unified Command Suites (UCS) and Mobile Analytical Labs (MALS). FY00 funding totals \$26,928,000 - \$19,822,000 for UCS and \$7,106,000 for MALS. For FY01, Congress has appropriated an additional \$5,650,000.

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: SPECIAL PURPOSE VEHICLES (DV0014)			Weapon System Type:			Date: February 2002			
OPA1 Cost Elements		ID	FY 00			FY 01			FY 02			FY 03		
		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. Special Purpose Vehicles						1234	7	177	920	6	154	1036	6	173
2. Unified Command Suites (UCS)						4804	4	1201						
Acceptance Testing						216								
System Fielding Support						160								
Management Support						110								
Engineering Support						360								
Total						6884			920			1036		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2002

Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon System Type:			P-1 Line Item Nomenclature: SPECIAL PURPOSE VEHICLES (DV0014)					
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. Special Purpose Vehicles										
FY 2001	Various	MIPR/FP	GSA	Feb 01	Oct 01	7	177	Yes	NA	
FY 2002	TBS	MIPR/FP	GSA	Feb 02	Sep 02	6	154	Yes	NA	
FY 2003	TBS	MIPR/FP	GSA	Jan 03	Aug 03	6	173	Yes	NA	
2. Unified Command Suites (UCS)										
FY 2001	NAVAIRWARCENACDIV Inlgoes, MD	Option	Various	Oct 01	Jul 02	4	1201	Yes	Yes	

REMARKS:

