DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book and Multiyear Exhibits FY 2004 / FY 2005 Biennial Budget Estimate Submission

OTHER PROCUREMENT, ARMY Tactical and Support Vehicles

Budget Activity1

APPROPRIATION

*** UNCLASSIFIED *** **DEPARTMENT OF THE ARMY**

FY 2004 PROCUREMENT PROGRAM President's Budget 2004/2005

APPROPRIATION Other Procurement, Army

ACTIVITY 01 Tactical and support vehicles

DOLLARS IN THOUSANDS

	The Control of Tactical and Support	VOITIOICO								
LINE NO	ITEM NOMENCLATURE	ID	FY 2 QTY	2002 COST	QTY	2003 COST	QTY	2004 COST	QTY	2005 COST
	TACTICAL VEHICLES									
1	TACTICAL TRAILERS/DOLLY SETS (DA0100)	Α		4,690		8,394		17,977		11,050
2	Semitrailers, Flatbed: (D01001)	Α		19,019		41,505		23,950		7,505
3	Semitrailers, tankers (D02001)	Α		15,517		7,649		9,499		6,840
4	HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)			146,349		234,270		137,847		205,760
5	TRUCK, DUMP, 20T (CCE) (D16001)		36	7,972	72	16,617				1,277
6	FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)			459,872		662,943		309,810		491,834
7	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT (D15800)			8,962		27,288		14,968		20,876
8	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)			159,099		252,365		133,130		99,743
9	ARMORED SECURITY VEHICLES (ASV) (D02800)		24	17,858	20	16,966				
10	TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)			46,420		49,455		45,772		33,042
11	Towing Device, 5th Wheel (D15901)	Α	66	3,095	40	1,951				
12	TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)	Α	28	3,864	28	4,752	5	979	29	3,669
13	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)		165	30,581	616	116,305	139	24,838	102	19,646
14	LINE HAUL ESP (DV0011)	Α	62	8,995						
15	MODIFICATION OF IN SVC EQUIP (DA0924)			55,098		71,337		57,061		21,884
16	ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)			2,158		4,844		245		253
17	TOWING DEVICE-FIFTH WHEEL (D09900)						40	1,958	40	1,951
	SUB-ACTIVITY TOTAL		_	989,549	_	1,516,641	_	778,034	_	925,330

EXHIBIT P-1

DATE: 29-Jan-2003 13:13

*** UNCLASSIFIED ***

DEPARTMENT OF THE ARMY

FY 2004 PROCUREMENT PROGRAM President's Budget 2004/2005

APPROPRIATION Other Procurement, Army ACTIVITY 01 Tactical and support vehicles

DOLLARS IN THOUSANDS

LINE NO	ITEM NOMENCLATURE	ID	FY QTY	2002 COST	FY : QTY	2003 COST	FY : QTY	2004 COST	FY QTY	2005 COST
	NON-TACTICAL VEHICLES									
18	HEAVY ARMORED SEDAN (D22100)		3	445	6	566	4	608		
19	PASSENGER CARRYING VEHICLES (D23000)			717		286		3,078		
20	NonTactical Vehicles, Other (D30000)	Α	65	6,338	23	1,705	85	6,260		548
	SUB-ACTIVITY TOTAL		_	7,500	_	2,557	_	9,946	-	548
	ACTIVITY TOTAL		_	997,049	_	1,519,198	_	787,980	-	925,878

EXHIBIT P-1

DATE: 29-Jan-2003 13:13

Alphabetic Listing - Other Procurement, Army

Nomenclature	SSN	BLIN	Page
ARMORED SECURITY VEHICLES (ASV)	D02800	9	111
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	DA0500	8	78
FAMILY OF MEDIUM TACTICAL VEH (FMTV)	D15500	6	61
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	D15800	7	69
HEAVY ARMORED SEDAN	D22100	18	170
HI MOB MULTI-PURP WHLD VEH (HMMWV)	D15400	4	42
HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG	DV0021	13	135
ITEMS LESS THAN \$5.0M (TAC VEH)	DL5110	16	164
LINE HAUL ESP	DV0011	14	141
MODIFICATION OF IN SVC EQUIP	DA0924	15	145
NonTactical Vehicles, Other	D30000	20	172
PASSENGER CARRYING VEHICLES	D23000	19	171
Semitrailers, Flatbed:	D01001	2	14
Semitrailers, tankers	D02001	3	29
TACTICAL TRAILERS/DOLLY SETS	DA0100	1	1
Towing Device, 5th Wheel	D15901	11	129
TOWING DEVICE-FIFTH WHEEL	D09900	17	169
TRUCK, DUMP, 20T (CCE)	D16001	5	56
TRUCK, TRACTOR, LINE HAUL, M915/M916	DA0600	10	117
TRUCK, TRACTOR, YARD TYPE, M878 (C/S)	D16000	12	130

Table of Contents - Other Procurement, Army

BLIN	SSN	Nomenclature	Page
1	DA0100	TACTICAL TRAILERS/DOLLY SETS	1
2	D01001	Semitrailers, Flatbed:	14
3	D02001	Semitrailers, tankers	29
4	D15400	HI MOB MULTI-PURP WHLD VEH (HMMWV)	42
5	D16001	TRUCK, DUMP, 20T (CCE)	56
6	D15500	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	61
7	D15800	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	69
8	DA0500	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	78
9	D02800	ARMORED SECURITY VEHICLES (ASV)	111
10	DA0600	TRUCK, TRACTOR, LINE HAUL, M915/M916	117
11	D15901	Towing Device, 5th Wheel	129
12	D16000	TRUCK, TRACTOR, YARD TYPE, M878 (C/S)	130
13	DV0021	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG	135
14	DV0011	LINE HAUL ESP	141
15	DA0924	MODIFICATION OF IN SVC EQUIP	145
16	DL5110	ITEMS LESS THAN \$5.0M (TAC VEH)	164
17	D09900	TOWING DEVICE-FIFTH WHEEL	169
18	D22100	HEAVY ARMORED SEDAN	170
19	D23000	PASSENGER CARRYING VEHICLES	171
20	D30000	NonTactical Vehicles, Other	172

Exhibit P-1M, Procurement Programs - Modification Summary

System/Modification	2002 & Prior	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	2007	2008	<u>2009</u>	To Complete	Total Program
MODIFICATION OF IN SVC EQUIP (DA0924)										
HMMWV 3-PT Seatbelt	29.3	1.7		4.3	4.9	2.9				43.1
M939 Tire Improvement	50.6	5.7	4.8						12.6	73.6
M939 Anti-Lock Brake System (ABS)	41.2	5.3	4.5						15.2	66.2
HMMWV Rear Differential Oil Cooler	4.7	2.0								6.6
HEMTT Wheel Modification	10.6	41.1	41.1	17.6						110.3
A8020 Fuel Injection Test Stand Upgrade	7.0									7.0
Aluminum Mesh Liner	11.0									11.0
M872 Modification Hardware		8.6	6.7							15.4
HEMTT/PLS 4-Point Seatbelt		1.3								1.3
PLS Trailer Wheel Modification		3.5								3.5
HMMWV 3PT Seatbelts-M996 Mini Ambulance	0.1	0.2								0.3
HMMWV 3PT Seatbelts-M997 Maxi Ambulance	0.6	2.0								2.6
High Mobility Trailer MWOs	3.0									3.0
HMMWV B-PILLAR PAD						1.9				3.2
HMMWV Geared Hub Locknut Washer							9.3	10.2	6.5	26.0
Total	158.0	71.3	57.1	21.9	4.9	4.8	10.6	10.2	34.4	373.2
Grand Total	158.0	71.3	57.1	21.9	4.9	4.8	10.6	10.2	34.4	373.2

Ex	hibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Da	te:	F	Sebruary 2003		
Appropriation/Budget Ad Other Procurement, Army /	•	vehicles				P-1 Item Nom TAC		ILERS/DOLLY	Y SETS (DA01	.00)		
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	6854	96	39	111	677	713	550	1510	888	857		12295
Gross Cost	347.8	8.0	4.7	8.4	18.0	11.1	8.7	22.1	13.7	13.5		455.9
Less PY Adv Proc	ss Cost 347.8 8.0											
Plus CY Adv Proc												
Net Proc (P-1)	347.8	8.0	4.7	8.4	18.0	11.1	8.7	22.1	13.7	13.5		455.9
Initial Spares												
Total Proc Cost	347.8	8.0	4.7	8.4	18.0	11.1	8.7	22.1	13.7	13.5		455.9
Flyaway U/C												
Wpn Sys Proc U/C												

This is a roll-up line for various tactical trailers and dolly sets used to transport generators, shelters, drinking water, ammunition and general cargo. This budget line funds the Heavy Expanded Mobility Trailer (HEMAT), the Self-Load/Off Load (Trailer (SLOT) and the Light Tactical Trailer (LTT). The prime movers for these trailers range from the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) to the 10-Ton M977 Series Heavy Expanded Mobility Tactical Truck (HEMTT). This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures a total of 1289 Light Tactical Trailers. (FY04 buys a total of 576 LTTs and 101 HEMAT. FY05 procures 713 LTTs.) The Light Tactical Trailer has improved safety features and has met all Requirement Operations Capability (ROC) requirements, including the cross-country mission profile. The Army Acquisition Objective (AAO) for the LTT is 25,112.

FY04 is the last year of funding for the HEMAT Trailer, which transports Multiple Launch Rocket System (MLRS) pods. FY04 procures 101 HEMATs for the Army National Guard and continues to fill critical Active Component (AC) requirements. The AAO for the HEMAT is 2,465.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army /	1/			tem Nomenclatur L TRAILERS/DOLL			Weapon System	Гуре:	Date: Februa	nry 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HEAVY, EXPANDED MOBILITY (D05700) SELF-LOAD/OFF-LOAD TRAILER (DA0101) LIGHT TACTICAL TRAILER (D06700)	A	3690 1000	36		8394	111		8513 9464	101 576		11050	713	
LIGHT FACTICAL TRAILER (D00700)	A							7+04	. 5/0		11030	713	
Total		4690			8394			17977			11050		

Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	ate:	I	February 2003		
Appropriation/Budget Act Other Procurement, Army /1/7		vehicles				P-1 Item Non TRA		/Y, EXPANDE	ED MOBILITY	(D05700)		
Program Elements for Coo	le B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	1642	96	39	111	101							1989
Gross Cost	41.7	7.0	3.7	8.4	8.5							69.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	41.7	7.0	3.7	8.4	8.5							69.2
Initial Spares												
Total Proc Cost	41.7	7.0	3.7	8.4	8.5							69.2
Flyaway U/C												
Wpn Sys Proc U/C												

The Heavy Expanded Mobility Ammunition Trailer (HEMAT) is an 11-Ton, 4-wheel, "wagon-configuration" trailer specifically designed for operation in rough terrain. HEMAT provides tactical ammunition and fuel resupply for Army combat vehicles (general ammunition pallets), missile systems (MLRS pods), and rotary -wing aircraft (Hellfire Missiles and 500 Gallon Fuel Bladders). The designated prime mover for HEMAT is the M977 Series Heavy Expanded-Mobility Tactical Truck (HEMTT). The trailer is strategically transportable by C-130 through C-5 airframes, marine and amphibious vessels and rail. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04 is the last year of funding that procures HEMATs to backfill critical Active Component requirements, procures HEMATs for Reserve Component (ARNG) units, and fills War Reserve requirements. The total Army Acquisition Objective (AAO) for HEMAT (M989 Basic, M989A1, and M989A1 Rebuy inclusive) is 2,759 systems.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army /	1/			tem Nomenclature HEAVY, EXPANDI		5700)	Weapon System	Гуре:	Date: Februa	nry 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	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
 HEMAT Trailer Hardware FRET 		2560 307	39	66	7071 813	111	64	6767 812	101	67			
SubTotal		2867			7884			7579					
2. ECPs		145											
3. Special Tools		15						21					
4. Testing5. System Fielding Support		240 174			126			158					
6. Engineering Support		74						84					
7. PM Support		175			384			671					
T-4-1		2.00			020.4			0513					
Total		3690			8394			8513					

Contract Method and Type SS/FFP	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs	Dete	
SS/FFP			Delivery	Each	\$	Avail Now?	Date Revsn Avail	RFP Iss Date
SS/FFP								
	TACOM, Warren, MI	Jun 02	Mar 03	39	66	Yes	N/A	Dec (
OPTION/FFP	TACOM, Warren, MI	Dec 02	Aug 03	111	64	Yes	N/A	N/A
OPTION/FFP	TACOM, Warren, MI	Jan 04	Jul 04	101	67	yes	N/A	N/A
		OPTION/FFP TACOM, Warren, MI						

	FY 02 / 03 BUDGET PRO	OD	UCTION	SCH	IEDUL	E			Item N				ANDI	ED MO	BILI	ITY (I	0057	700)]	Date:			Feb	ruary	2003			
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	FY 04 / 05 BUDGET PR	ROD	UCTION	SCH	IEDUL:	E				Nomen			NDI	ED MO)BIL	ITY (D057	700)]	Date:			Feb	ruary	2003			
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Ex	hibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	ite:	F	ebruary 2003		
Appropriation/Budget A Other Procurement, Army /	•	ehicles				P-1 Item Nom LIG		AL TRAILER (D06700)			
Program Elements for C	ode B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	5116				576	713	550	1510	888	857		10210
Gross Cost	60.2				9.5	11.1	8.7	22.1	13.7	13.5		138.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	60.2				9.5	11.1	8.7	22.1	13.7	13.5		138.7
Initial Spares												
Total Proc Cost	60.2				9.5	11.1	8.7	22.1	13.7	13.5		138.7
Flyaway U/C												
Wpn Sys Proc U/C												

The Light Tactical Trailer (LTT) is the companion trailers for the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The LTT is compatible with both the light and heavy HMMWV variants. These HMMWV variants require an LTT family of trailers (light, heavy, and heavy chassis) to use the HMMWV's towing capabilities. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures 1289 Light Tactical Trailers (LTT). The LTT is part of the Army's Transformation replacing legacy trailers as the principle Light Tactical Trailer to the HMMWV and the platform for numerous Army programs such as: Joint Surveillance Target Attack Radar Systems, Trojan Spirit, Integrated System Control, Explosive Ordnance Disposal, Joint Tactical Unmanned Aerial Vehicle, Robotic Sensors. The LTT has improved handling over rough terrain, greater payload capability and a reduced logistics footprint and fuel requirement. The FY04 buy supports fielding to Stryker Brigade Combat Team (SBCT4) and Data Interchange (communications link/package) customers. The LTT has been fielded to the Army's First Digitized Division, the Stryker Brigade Combat Teams (SBCT) and is used by Special Operations Command (SOCOM). The Army Acquisition Objective (AAO) is currently 25,112. The LTT is the Army Transformation Interim Light Tactical Trailer and will carry the user to the objective force.

Exhibit P-5, Weapon OPA1 Cost Analysis	_	Appropriation/I Other Procure Tactical and s	ment, Army /	1 /		P-1 Line I LIGHT TAG	tem Nomenclatur CTICAL TRAILER (e: (D06700)		Weapon System	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
Trailer Engineering Changes Government Testing Engineering Support - In-House Documentation Fielding Support Project Management Support		\$000	Units	\$000	\$000	Units	\$000	\$000 7383 221 763 294 189 106 508	Units 576	\$ 13	\$000 9310 279 659 250 71 177 304	Units 713	\$000 13
Total								9464			11050		

Exhibit P-5a, Budget Procure	ment History and Planning							Date: F	ebruary 2	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vel	hicles	Weapon Syste	т Туре:		P-1 Line It					
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
Trailer	TBS TBS	C/FP C/FP	TACOM, Warren, MI TACOM, Warren, MI	Mar 04 Mar 05	Jul 04 Jul 05	576 713	13 13	Yes Yes	N/A N/A	Oct 03 N/A
REMARKS:										

	FY 04 / 05 BUDGET PR	OD	UCTION	SCH	[EDUL]	E		P-1 Item Nomenclature: LIGHT TACTICAL TRAILER (D06700)]	Date:			Feb	ruary	2003					
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			EV.	S E	PROC	ACCEP	BAL									idar Y			_							_	_	Year (L A
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Tra	niler														+	+	+		\dashv							H						
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		1	FY 05	A	713	0	713																		A				60	60	60	533
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To	tal				1289		1289										48	48	48	48	48	48	48	48	3 48	4	8 48	3 48	60	60	60	533
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M			PRO	ODUCTI	ON RATES			M	FR					A	DMI	NLEAI	D TII	ME			MFR			TOTA	L	R	EMAF	RKS				
F							REACHED	Nur	nber					Prior	1 Oct		Afte	er 1 Oc	t	Aft	ter 1 C	Oct	A	fter 1	Oct	J						
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	FY 06 / 07 BUDGET PF	ROD	UCTION	SCH	IEDUL:	E				lomen CTIC			LER ((D0670	00)								I	Date:			Feb	ruary	2003			
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	COST ELEMENTS	M F R	FY	R V	QTY Units	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Tra	iler															\dashv																
		1	FY 04	A	576	576	0																									0
		1	FY 05	A	713	180	533	60	60	59	59	59	59	59	59	59																0
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Ext	nibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	ate:	I	February 2003		
Appropriation/Budget Ac Other Procurement, Army /1.		vehicles				P-1 Item Nom SEL		F-LOAD TRAI	LER (SLOT) ((DA0101)		
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	96		9									105
Gross Cost	11.2		1.0									12.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	11.2		1.0									12.2
Initial Spares												
Total Proc Cost	11.2		1.0									12.2
Flyaway U/C												
Wpn Sys Proc U/C												

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 operate world wide, on and off road, under all weather conditions. The SLOT augments 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.

Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	te:	F	ebruary 2003		
Appropriation/Budget Act Other Procurement, Army /1/	-	vehicles				P-1 Item Nom Sem	nenclature itrailers, Flatb	ed: (D01001)				
Program Elements for Co	de B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	17962	83	447	933	481	88	11	78	222	457		20762
Gross Cost	306.4	7.6	19.0	41.5	24.0	7.5	1.8	5.5	10.0	21.5		444.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	306.4	7.6	19.0	41.5	24.0	7.5	1.8	5.5	10.0	21.5		444.9
Initial Spares												
Total Proc Cost	306.4	7.6	19.0	41.5	24.0	7.5	1.8	5.5	10.0	21.5		444.9
Flyaway U/C												
Wpn Sys Proc U/C												

- 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 12-inch over width extensions to expand the trailer width to 126-inches. The Semi-Trailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly.
- 2. The M871A3 Semi-Trailer is a 22 1/2-Ton Flatbed/Break Bulk (FB/BB) Container Transporter. It is a tactical, dual purpose, bulk and container transporter. It transports 20' International Standard Organization (ISO) Containers on line haul missions and are the primary means of distributing containers and bulk cargo.
- 3. The M872A4 Semi-Trailer is a 34-Ton, Dual Purpose, Break Bulk/Container Transporter. The Semi-Trailer has a maximum rated payload of 68,000 pounds and is capable of a daily operating range of at least 300 miles at sustained speeds of 50-60 miles per hour.

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

Justification:

FY04/FY05 procures a total of 569 Flatbed Semi-Trailers. (18 M870A3s fills requirements for the Army National Guard Division Redesign Study (ADRS) units, 293 M871A3s corrects problems of the fielded model with load height bridge clearance and mating with the Family of Medium Tactical Vehicles (FMTVs), and the procurement of 325 M872A4s support new units activations, modernizes the fleet, replacement requirements, and improves the overall operational readiness rate of the M872 series fleet.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army /	1/			tem Nomenclatur s, Flatbed: (D01001)			Weapon System	Гуре:	Date: Februa	nry 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Semitrl LB 40T M870A1/A3 (D00700) Semitrl FB BB/Cont 34T M872A4 (D01600) Semitrl FB BB 22 1/2T M871A3 (D01500)		1451 9774 7794	4 236 207		1875 24655 14975	541		1730 14966 7254		3	1603 1785 4117	12	
Total		19019			41505			23950			7505		

Ex	hibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Г	ate:	I	February 2003		
Appropriation/Budget Ad Other Procurement, Army / I	-	ehicles				P-1 Item Nom SEM		LB 40T M870A	.1 (CCE) (D00)700)		
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	1971	30	4	12	10	8						2035
Gross Cost	41.5	3.1	1.5	1.9	1.7	1.6		0.4				51.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	41.5	3.1	1.5	1.9	1.7	1.6		0.4				51.7
Initial Spares												
Total Proc Cost	41.5	3.1	1.5	1.9	1.7	1.6		0.4				51.7
Flyaway U/C												·
Wpn Sys Proc U/C												

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, 12-inch over width extensions to expand the trailer width to 126-inches. The Semi-Trailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 funding will procure 18 M870A3 Semi-Trailers for the ARNG Division Redesign Study (ADRS) Units. It is the primary hauler of construction/engineer equipment worldwide. 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 Army Acquisition Objective is 2,637.

Ex	hibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Da	ite:	F	February 2003		
Appropriation/Budget Ad Other Procurement, Army /1	•	vehicles				P-1 Item Nom SEN		B BB/CONT	ΓRANS 22 1/2	T (D01500)		
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	6126	53	207	380	158	68		68	220	287		7567
Gross Cost	105.7	4.5	7.8	15.0	7.3	4.1	0.0	3.4	8.9	12.0		168.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	105.7	4.5	7.8	15.0	7.3	4.1	0.0	3.4	8.9	12.0		168.7
Initial Spares												
Total Proc Cost	105.7	4.5	7.8	15.0	7.3	4.1	0.0	3.4	8.9	12.0		168.7
Flyaway U/C												
Wpn Sys Proc U/C												

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 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:

FY04/FY05 funding procures 226 M871A3 Semi-Trailers filling approximately 68% 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 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 the 5-Ton and Family of Medium Tactical Vehicle (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/B Other Procuren Tactical and su	nent, Army /	1 /		P-1 Line I SEMITRAI	tem Nomenclature LER FB BB/CONT	e: TRANS 22 1/2 T (D0)1500)	Weapon System	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1 VIII		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle 2. FRET		6417 770	207	31	11780 1414		31	4898 588	158	31	2176 261	68	32
Sub Total		7187			13194			5486			2437		
3. Testing		100			182			211			21.5		
System Technical Spt Program Management		100 507			222 920			211 938			215 957		
6. System Fielding					457			477			508		
7. Engineering Change Proposals (ECPs)								142					
Total		7794			14975			7254			4117		

Exhibit P-5a, Budget Procurement Hist	ory and Planning							Date: F	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syster	n Type:		P-1 Line Ite		ature: TRANS 22 1/2 T (D0	1500		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Vehicle FY 2002 FY 2003 FY 2004 FY 2005	Haleyville, AL Fontaine Trailer Co. Haleyville, AL Fontaine Trailer Co. Haleyville, AL	MIPR/FP MIPR/FP MIPR/FP	GSA, Arlington, VA GSA, Arlington, VA GSA, Arlington, VA GSA, Arlington, VA	Jan 03 Jan 04 Jan 05	Nov 03 Apr 04 Feb 05 Feb 06	207 380 158 68	31 31 31 32	Yes Yes Yes	N/A N/A N/A	N/A N/A N/A
REMARKS:										

	FY 02 / 03 BUDGET PR	ROD	UCTION	SCH	IEDUL.	E			Item N IITRA				ONT T	ΓRAN	NS 22	1/2 T	ſD0	1500)]	Date:			Feb	ruary	2003			
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	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R		gndar J U N	r Yea J U L		S E P	O C T	N O V	D E C	J A N	F E B	_	A P R	_	year 0 J U N		A U G	S E P	L A T E R
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		2	FY 03 FY 04	A A	158	0	158													Н			A			╫						380
		2	FY 05	A	68	0	68													Н						╈						158 68
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M			PR	ODUCTI	ON RATES			Ml	FR						ADM	ИINLE	EAD T	IME			MFR		,	ТОТА	L	R	EMAR	KS				
F							REACHED	Nun	nber				_	Pri	ior 1 O	ct	A	fter 1 (Oct	A	fter 1 (Oct	A	fter 1	Oct	4						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+	1	,	INIT					0			5			40			45		4						
1	Fontaine Trailer Co., Haleyville, AL		8.00		37.00	112.00	10	_			RDER				0			5			31			36		4						
2	Fontaine Trailer Co., Haleyville, AL		8.00		37.00	112.00	10	2	2	INIT					0			14 4			10 13			24 17		-						
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	FY 04 / 05 BUDGET PR	ROD	UCTION	SCH	[EDUL]	E				Nomen ALER)NT T	TRANS	5 22 1	l/2 T (D01:	500)					I	Date:			Feb	ruary	2003			
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1	Vehicle														+	+	\dashv															
1.	venicie	1	FY 02	A	207	0	207		37	37	37	37	37	22	+	+	\dashv															0
			FY 03	A	380	0	380		31	31	31	31	31		37	37	37	37	37	37	37	37	37	32								0
		2	FY 04	A	158	0	158				Α			10	57	<i>3</i> /	<i>J</i> ,	57	υ,	57	57	5,	57	5		13	13	13	13	13	13	62
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Ext	aibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	F	February 2003		
Appropriation/Budget Ac Other Procurement, Army /1.	-	rehicles				P-1 Item Nom SEM		FB BB/CONT T	TR 34T M872	C/S (D01600)		
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	9869		236	541	313	12	11	10	2	170		11164
Gross Cost	159.2		9.8	24.7	15.0	1.8	1.8	1.8	1.0	9.5		224.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	159.2		9.8	24.7	15.0	1.8	1.8	1.8	1.0	9.5		224.4
Initial Spares												
Total Proc Cost	159.2		9.8	24.7	15.0	1.8	1.8	1.8	1.0	9.5		224.4
Flyaway U/C												
Wpn Sys Proc U/C												

The M872 Semitrailer Dual Purpose, Break Bulk/Container Transporter, 34-ton, 40-foot is required for line haul missions. The M872 is a commercially adapted semitrailer capable of transporting a single 40-foot or two 20-foot International Standards Organization (ISO) shipping containers. These containers may be moved from port to port and/or originate from an overseas theater of operations port area for delivery as far forward as the division rear. The M872 Semitrailer can also support break bulk missions such as the transport of light combat vehicles or tactical trucks. Normal employment will be over primary and improved secondary roads when used in conjunction with the military adapted commercial 6X4 line haul tractor. The M872 Semitrailer will have a maximum rated payload of 68,000 pounds and will be capable of daily operating ranges of 300 miles or more at sustained speeds of 55-65 mph. New procurement will support new unit activations until the total requirement is met. Many of these units were formerly designated for bulk haul of petroleum and have already received new tractors. Procurement and fielding to the remainder is ongoing. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures 325 new M872 Semitrailers to support new units, modernize the fleet, replacement, and improve the overall operational readiness rate of the M872 series fleet. A continuing mission need exists for a 34-ton flatbed semitrailer to support line haul and local haul of break bulk cargo and intermodal cargo containers. Critical requirements of M872 Series Semitrailers exist within the Army National Guard. Eighteen new Medium Transportation Companies are being formed to haul cargo. Fielding of newly acquired M915A3 truck, tractors to support these units began Feb 01. Nine units have been equipped to date. The semitrailer requirement for these units is new therefore additional semitrailers must be acquired. There are no excess M872 Series Semitrailers available. Any M872 Series Semitrailers that become available are redistributed and applied towards authorized requirements. Many of these assets are over 25-years old and experiencing serious readiness problems including major structural failures.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army /	1/			Item Nomenclaturo		D01600)	Weapon System	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	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
Vehicle Federal Retail Excise Tax		8260 991	236	35	19476 2337	541	36	11581 1390	313	37	473 65	12	39
Sub Total		9251			21813			12971			538		
Testing - PVT System Technical Support Program Management System Fielding Engineering Change Proposals (ECPs)		523			800 423 635 400 584			500 250 550 376 319			318 100 374 200 255		
Total		9774			24655			14966			1785		

Exhibit P-5a, Budget Procurement I	listory and Planning							Date: F	ebruary 2	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syste	т Туре:			em Nomenc R FB BB/CONT	lature: TR 34T M872 C/S (I	001600		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Vehicle FY 2002 FY 2003 FY 2004 FY 2005	TBS TBS TBS TBS	C/FP C/FP C/FP C/FP	TACOM, Warren, MI TACOM, Warren, MI TACOM, Warren, MI TACOM, Warren, MI	MAR 03 MAR 03 JAN 04 JAN 05	MAR 04 OCT 04 AUG 05 JUL 06	236 541 313 12	35 36 37 39	Yes	N/A N/A N/A N/A	N/A N/A N/A N/A
REMARKS:										

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Ext	nibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	F	February 2003		
Appropriation/Budget Act Other Procurement, Army /1/	-	ehicles				P-1 Item Nom Sem	ienclature itrailers, tank	ers (D02001)				
Program Elements for Co	de B Items:			Code: A	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	3889	367	165	72	89	59	91	89	161			4982
Gross Cost	281.2	36.8	15.5	7.6	9.5	6.8	9.3	9.3	17.1			393.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	281.2	36.8	15.5	7.6	9.5	6.8	9.3	9.3	17.1			393.1
Initial Spares												
Total Proc Cost	281.2	36.8	15.5	7.6	9.5	6.8	9.3	9.3	17.1			393.1
Flyaway U/C												
Wpn Sys Proc U/C												

This budget line procures two different types of 5000-Gallon Semi-Trailers, the M967A2 Bulkhauler and the M969A3 Automotive Refueler. They share the same production line and share commonality in components. Features of the Semi-Trailers include a stainless steel, single compartment tank of 5000-Gallon capacity, top and bottom loading capacity, an automotive overflow shutoff device and gravity discharge capability. It is also equipped with a four-cylinder diesel engine and pump assembly, tandem axels, manually operated landing gear, radial tires, a fuel capacity measuring device and a vapor recovery system/kit. When empty, these Semi-Trailers are air transportable and are designed to be towed by a truck tractor equipped with a fifth wheel. The authorized prime movers for the highway and cross-country include the 5-Ton Truck Tractor and the Family of Medium Tactical Vehicle (FMTV) Tractor. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures 148 M969A3 5000-Gallon Automotive Semi-Trailers to transportation and petroleum companies. The Army Acquisition Objective (AAO) is 2,717.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army / 1	1/			tem Nomenclatur s, tankers (D02001)	e:		Weapon System	Гуре:	Date: Febru	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Semitrl Tank 5000G Bulkhaul (D02304) Semitrl Tank 5000G Automotive (D02306) Semitrl Tank, 7500G Bulkhaul (D02700)		14971 546	165		7649	72		9499	89		6840	59	
Total		15517			7649			9499			6840		

Ex	hibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	I	February 2003		
Appropriation/Budget A Other Procurement, Army /		vehicles				P-1 Item Non SEN		ΓANK , 5000G	, BULKHAUL	ر (D02304)		
Program Elements for C	ode B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	1635	358	165									2158
Gross Cost	83.7	26.7	15.0									125.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	83.7	26.7	15.0									125.4
Initial Spares												
Total Proc Cost	83.7	26.7	15.0									125.4
Flyaway U/C												
Wpn Sys Proc U/C												

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:

FY02 funding supports the last year of production. The funding through FY02 fulfills 79% 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 requirements will be filled by Tank Rack and Hoseline Systems. Newly activated Medium Transportation Petroleum Guard and Reserve Units have been stood up and have been fielded dedicated M915A3s to haul the M967A2s.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army / 1	1/			tem Nomenclatur LER TANK , 50000		2304)	Weapon System	Гуре:	Date: Febru	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	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
Vehicle Federal Retail Excise Tax		10582 1443	165	64									
Sub Total		12025											
Testing System Technical Support Program Management Support System Fielding Support Engineering Change Proposals (ECPs)		1555 291 739 361											
Total		14971											

Exhibit P-5a, Budget Procurement His	tory and Planning							Date: F	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syster	п Туре:		P-1 Line Ito SEMITRAILE		lature: 5, BULKHAUL (D02:	304)		
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	Heil Trailer International Chattanooga, Tennessee	REQ5 (3)	TACOM, Warren, MI	Apr 02	Apr 03	165	64	Yes		
REMARKS:										

	FY 02 / 03 BUDGET P	ROD	UCTION	SCH	(EDUL	E			Item N IITRA				000G,	, BUI	LKHA	UL (D023	304)]	Date:			Febi	uary 2	2003			
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Exh	nibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	ite:	F	February 2003		
Appropriation/Budget Act Other Procurement, Army /1/	-	vehicles				P-1 Item Nom SEM		ANK 5000G A	AUTOMOTIV	E (D02306)		
Program Elements for Co	de B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	2254	9		72	89	59	91	89	161			2824
Gross Cost	173.3	1.2	0.5	7.6	9.5	6.8	9.3	9.3	17.1			234.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	173.3	1.2	0.5	7.6	9.5	6.8	9.3	9.3	17.1			234.6
Initial Spares												
Total Proc Cost	173.3	1.2	0.5	7.6	9.5	6.8	9.3	9.3	17.1			234.6
Flyaway U/C												
Wpn Sys Proc U/C												

The M969A3 5000-Gallon Fuel Tanker Semi-Trailer performs automotive refueling and bulk fuel hauling from Division to Main Supply and Forward Support Battalions. The M969A3 Tanker is found primarily in Transportation Medium Truck Companies, Petroleum, assigned to Quartermasters Battalion. The M969A3 is equipped with a self-priming pump assembly and a filter separator assembly for automotive fuel. This dispensing assembly consists of dual automotive refueling systems that are pressurized to deliver fuel by a diesel engine and centrifugal pump combination. Each refueling system is composed of a meter, electric rewind hose reel, 50-feet of dispensing hose, and a dispensing nozzle. M969A3 features include: Electronic overflow prevention, liquid level gauge, anti-lock brakes, vapor recovery and Global Positioning System (GPS) capability. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures 148 M969A3s to petroleum distribution personnel. The Army Acquisition Objective is 2,717. Automotive refueling/bulk haulers are critical to the war fighters during contingencies and crises.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army /	1 /		P-1 Line I SEMITRAI	tem Nomenclature LER TANK 5000G /	e: AUTOMOTIVE (D0:	2306)	Weapon System 1	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	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
Vehicle Federal Retail Excise Tax					5904 708	72	82	7565 908	89	85	5135 616		8′
Sub Total					6612			8473			5751		
Testing PVT - ATC System Technical Support Program Management Support System Fielding Support Engineering Change Proposals (ECPs)		321 225			140 708 189			792 234			934 155		
Total		546			7649			9499			6840		

Exhibit P-5a, Budget Procurement Hist	ory and Planning							Date: F	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syster	m Type:		P-1 Line Ito SEMITRAILER		lature: AUTOMOTIVE (D02	2306		
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 2003 FY 2004 FY 2005	Chattanooga, Tennessee	REQ5 (4) REQ5 (5) C/FP	TACOM, Warren, MI TACOM, Warren, MI TACOM, Warren, MI	Apr 03 Jan 04 Jan 05	Nov 03 Nov 04 Feb 05	72 89 59	82 85 87	Yes	N/A N/A N/A	N/A N/A N/A
REMARKS:										

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Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	nte:	F	February 2003		
Appropriation/Budget Act Other Procurement, Army /1/1		vehicles				P-1 Item Nom HI N		-PURP WHLD	VEH (HMMV	VV) (D15400)		
Program Elements for Coc	le B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	96497	1236	1258	2154	1189	2000	2775	3002	4760	7348		122219
Gross Cost	3253.9	134.6	146.3	234.3	137.8	205.8	288.4	317.7	484.9	720.2		5923.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	3253.9	134.6	146.3	234.3	137.8	205.8	288.4	317.7	484.9	720.2		5923.8
Initial Spares												
Total Proc Cost	3253.9	134.6	146.3	234.3	137.8	205.8	288.4	317.7	484.9	720.2		5923.8
Flyaway U/C												
Wpn Sys Proc U/C												

The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) is a lightweight, high performance, four-wheel drive, air transportable and air droppable, family of tactical wheeled vehicles. The vehicle has a diesel engine, automatic transmission and payload capacity of 3500 lbs. (M 1025 Armament Carrier), 4400 lbs. (M1097 Heavy HMMWV), 5100 lbs. (M1113 Expanded Capacity Vehicle), and 3300 lbs. (M1114 Up-Armor). The A1 model of the HMMWV began fielding in March 1994. The A1 model has improved seating and M1097 components across the family. The A2 model began fielding in October 1997. The A2 model has an updated engine and a 4-speed electronic controlled automatic transmission. The A3 model will begin production in FY 2005. The A3 model has anti-lock brakes and incorporates changes to environmental requirements for the engine. 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 NATO armor-piercing munitions. The M1113 Expanded Capacity Vehicle (ECV) will be used for other programs where the M1097 carrying capacity is insufficient. The Hybrid Electric (HE) HMMWV has been identified as a possible Objective Force platform in the Unit of Action and the Modernized HMMWV may be considered as the interim platform for the Future Tactical Truck System (FTTS) Utility. HMMWV has been identified by the Chief of Staff of the Army as part of the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04 procures 1,189 A2 Model HMMWV's. FY05 procures 1,524 A2 Model HMMWV's and 476 A3 Modernized HMMWV's. The Army relies on the U.S. Marine Corps HMMWV requirements to maintain an affordable production rate. The Army vehicles are required to support development and fielding of critical Combat Support and Combat Service Support Systems such as Advanced Field Artillery Tactical Data System (AFATDS), Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T), FIREFINDER and Tactical Unmanned Aerial Vehicle (TUAV). Some of these HMMWV's will be provided to integrating Project Managers to support meeting critical milestones in standing up the Stryker Brigade Combat Teams. The M1114 Up-Armored HMMWV is part of both the Military Police and Special Operations Forces Light Tactical Vehicle modernization programs. The M1114 provides these high priority units increased crew occupant protection from both ballistic and mine blast threats. The M1025A2 is used to support the Rangers, Ground Mobility Systems as well as the Knight program. M1097A2's and M1113 Expanded Capacity Vehicles support Brigade Combat Teams, ARNG Division Redesign Study (ADRS) and other Army Interchange requirements. Vehicles will be placed in high priority units. Initial production of the Hybrid Electric (HE) HMMWV begins in FY 2006.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army / 1	1/			tem Nomenclature ULTI-PURP WHLD	e: VEH (HMMWV) (E		Weapon System	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	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
Vehicle Up-Armor M1114 (D15402) Up-Armor M1114A1 (D15402)		33221	475	70	39985	560	71	17800	250	71	19440 6660	270 90	72 74
Hvy Var M1097A2 (D15402) Hvy Var M1097A3 (D15402)		29179	489	60	47338	752	63	51241	774	66	42227 9178	636 122	66 75
Truck Utility M1025A2 (D15402) Truck Utility M1025A3 (D15402)		8116	112	72	3326	700	76 70	11765	165	7.1	5309 2014	67 23	79 88 72
ECV M1113 (D15402) ECV M1113A1 (D15402)		11761	182	65	56044	798	70	11765	165	71	39463 18343		76
Subtotal		82277			146693			80806			142634		
Engineering Changes Kits Tooling - HMMWV A3		2961 7726			4401 17932			2473 4109 9902			4279 6420		
Tooling - Hybrid Electric (HE) HMMWV Government Testing								9902			1500		
Comparison Test (ATC) Preproduction Qualification Test System Technical Support (STS)		212 295 6763			215 299 7425			219 304 7997			223 309 8140		
Engineering Support - In-House Government Furnished Equipment (Chassis) Fielding Support		1308 36109 4390	475	76	1535 44883 6529	560	80	1543 20662 5451	250	83	1571 30190 6033	360	84
Project Management Support		4308			4358			4381			4461		
Total		146349			234270			137847			205760		

Exhibit P-5a, Budget Procure	ment History and Planning							Date: F	ebruary 2	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support veh	icles	Weapon Syste	ет Туре:			em Nomenc TI-PURP WHLI	lature: O 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 Issu Date
Up-Armor M1114 (D15402)										
FY 2002	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Dec 01	Jun 02	180	70	Yes	N/A	N/A
FY 2002	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Jan 02	Jul 02	180	70	Yes	N/A	N/A
FY 2002	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Apr 02	Oct 02	115	70	Yes	N/A	N/A
FY 2003	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Dec 02	Jun 03	540	71	Yes	N/A	N/A
FY 2003	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Jun 03	Dec 03	20	71	Yes	N/A	N/A
FY 2004	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Dec 03	Jun 04	250	71	Yes	N/A	N/A
FY 2005	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Oct 04	Apr 05	270	72	Yes	N/A	N/A
Up-Armor M1114A1 (D15402)										
FY 2005	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM, Warren, MI	Jun 05	Dec 05	90	74	No	N/A	N/A
Hvy Var M1097A2 (D15402)										
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	35	63	Yes	N/A	N/A
FY 2003	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Dec 02	Jun 03	717	63	Yes	N/A	N/A
FY 2004	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 03	May 04	774	66	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 Procuren	nent History and Planning							Date: F	ebruary 2	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehic	cles	Weapon Systo	em Type:		•	em Nomenc TI-PURP WHLI	lature: O 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 Issu Date
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 04	May 05	636	66	Yes	N/A	N/A
Hvy Var M1097A3 (D15402)										
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Jun 05	Dec 05	122	75	No	N/A	N/A
Truck Utility M1025A2 (D15402)										
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 01	May 02	72	72	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Mar 02	Sep 02	40	72	Yes	N/A	N/A
FY 2003	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Dec 02	Jun 03	44	76	Yes	N/A	N/A
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 04	May 05	67	79	Yes	N/A	N/A
Truck Utility M1025A3 (D15402)										
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Jun 05	Dec 05	23	88	No	N/A	N/A
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	233	70	Yes	N/A	N/A
FY 2003	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Dec 02	Jun 03	565	70	Yes	N/A	N/A
FY 2004	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 03	May 04	165	71	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:	ebruary 2	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Systo	ет Туре:			em Nomenc TI-PURP WHLI	elature: D 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 Issi Date
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 04	May 05	551	72	Yes	N/A	N/A
ECV M1113A1 (D15402)										
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Jun 05	Dec 05	241	76	No	N/A	N/A
Government Furnished Equipment (Chassis)										
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	Mar 02	Sep 02	180	76	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Mar 02	Sep 02	115	76	Yes	N/A	N/A
FY 2003	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Dec 02	Jun 03	540	80	Yes	N/A	N/A
FY 2003	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Jun 03	Dec 03	20	80	Yes	N/A	N/A
FY 2004	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 03	May 04	250	83	Yes	N/A	N/A
FY 2005	AM General Mishawaka, IN	SS/Other	TACOM, Warren, MI	Nov 04	May 05	360	84	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.

	FY 02 / 03 BUDGET PR	ROD	UCTION	SCH	IEDULI	E			Item N MOB M				HLD	VEH	(HMI	MWV	') (D	1540	0)					Date):			Febr	uary 2	2003			
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	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Up	-Armor M1114 (D15402)															\dashv								+		H	+	+	+			
		2	FY 02	A	180	180	0																									0
		2	FY 02	A	180	180	0																									0
		2	FY 02	A	115	115	0																			Г			Г			0
		2	FY 02	AF	73	73	0																						Г			0
		2	FY 02	FMS	28	28	0																									0
		2	FY 03	A	540	160	380	55	55	45	45	45	45	45	45																	0
		2	FY 03	A	20	0	20			10	10															Г			Т			0
		2	FY 04	Α	250	0	250			А						30	30	30	30	30	20	20	20	0 2	0 20)			Т			0
		2	FY 05	Α	270	0	270													А						20	0 3	0 30	0 3	30 30	30	100
Up	-Armor M1114A1 (D15402)																									Г			Т			
		3	FY 05	A	90	0	90																			Г		F	A			90
M1	097A2, M1025A2, M1113, Chassis																									Т			Т			
		1	FY 02	A	489	489	0																			Г			Т			0
		1	FY 02	A	72	72	0																			Г			Т			0
		1	FY 02	A	182	182	0																			Г			Т			0
		1	FY 02	A	40	40	0																			Г			Т			0
		1	FY 02	A	180	180	0																			Г			Т			0
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								O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	A	A P R		U			S E P	
M			PRO	ODUCTI	ON RATES			М	1FR						ADM	IINLE	AD T	IME			MFR			TOT	AL	R	EMA	RKS				
F							REACHED	Nu	mber					Prio	or 1 Oc	ct	Af	ter 1 C	ct	A	fter 1 (Oct	Α	After 1	Oct	4						
R	NAME/LOCATION		MIN.	1	-8-5	MAX.	D+		1	INIT					0			1		_	6		_	7		4						
1	AM General, Mishawaka, IN		100.00		700.00	1300.00	0		1	REO	RDER				0			2			6			8		4						
2	O'Gara Hess & Eisenhardt, Fairfield, OH		10.00		55.00	100.00	0		2	INIT					0			3		_	5		\vdash	8		4						
3	O'Gara Hess & Eisenhardt, Fairfield, OH		10.00		55.00	100.00	0			_	RDER				0			3			5			8		4						
4	AM General, Mishawaka, IN		100.00		700.00	1300.00	0		3	INIT					0	_		9		_	6		\vdash	15		4						
Ш											RDER				0			9			6			15		4						
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										REO	RDER																					

	FY 04 / 05 BUDGET PRO	DU	UCTION S	SCH	EDUL	E				Nome MULT			HLD	VEH	(HMl	MWV) (D1	15400))					Date	:		F	ebru	ıary 2	003			
												Fi	scal ?	Year 0	14									Ì	Fiscal	l Ye	ar 05						
				S	PROC	ACCEP	BAL				L				Cale	endar	Year	r 04							_	Cal	lenda		ear 05	5			L A
	COST ELEMENTS M F R		FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		A M P A R	M A Y	J U N	J U L	A U G	S E P	T E R
	1	I	FY 02	A	180	180	0																			+							0
	1	I	FY 02	AF	111	111	0				Г					┪							Т		\top	Ť			┪				0
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	1	I	FY 03	A	35	35	0																			1			_				0
	1	_		A	717	250	467	75	35	35	65	75	75	107		_						_	_		_	1		_	_				0
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								T	v	C	N	В	R	R	Y	N	L	G	P	T	v	C	N	В				Y	N	L	G	P	
M			PROI	DUCTI	ON RATES			Ml	FR						ADM	IINLE	AD T	IME			MFR		Т	TOT.	AL	Ť	REM.	ARK	S				
F		1					REACHED	Nun	nber					Pri	or 1 O	ct	Af	ter 1 C	Oct	A	fter 1	Oct	A	After 1	Oct	4							
R	NAME/LOCATION	4	MIN.	1	-8-5	MAX.	D+	1	ı	_	TIAL				0	_		1			6		\vdash	7		4							
1	AM General, Mishawaka, IN	4	100.00		700.00	1300.00	0		_	_	ORDEI	R			0			2			6			8		4							
2	O'Gara Hess & Eisenhardt, Fairfield, OH	+	10.00		55.00	100.00	0	2	2		TIAL				0	-		3			5		⊢	8		4							
3	O'Gara Hess & Eisenhardt, Fairfield, OH	+	10.00		55.00	100.00	0			_	ORDEI	₹.			0			3			5			8		4							
4	AM General, Mishawaka, IN	+	100.00		700.00	1300.00	0	3	3		TIAL				0	\dashv		9			6		\vdash	15 15		+							
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	FY 04 / 05 BUDGET	PROI	OUCTION	SCH	IEDUL]	E			item N IOB M				HLD	VEH	(HMN	MWV	') (D	15400))				I	Date:			Feb	ruary 2	2003			
												Fi	scal Y	ear ()4									F	iscal	Year	05					
				S	PROC	ACCEP	BAL				L.,				Cale	ndar	Yea	r 04							(Calen	dar Y	ear 0	5		4	L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	U	S E P	T E R
		1	FY 05	A	551	0	551														A						50	50	38	49	49	315
		1	FY 05	A	360	0	360														A						23	23	20	23	23	248
		1	FY 05	A	67	0	67									_					Α						6	6	5	6	6	38
		1	FY 05	A	636	0	636									_					A						70	69	57	69	69	302
		1	FY 05	MC	1904	0	1904									_				A						330	216	217		218 2	218	705
M1097A3	3, M1025A3, M1113A1																															
		4	FY 05	A	122	0	122									_												A			_	122
		4	FY 05	A	23	0	23									_												A			_	23
		4	FY 05	A	241	0	241																					A				241
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Total					15467	5757	9710	400	230	230	400	400	400	400	321	300	150	300	300	300	220	220	290	290	290	355	395	395	150	395	395	2184
								О	N	D	J	F	M	A	M	J	J	Α	S	0	N	D	J	F	M	A	М	J	J	Α	S	
								С	0	Е	A	Е	Α	P	Α	U	U	U	Е	C	О	Е	Α	Е	Α	P	Α	U	U	U	E	
								T	V	C	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
M			PR	ODUCTI	ON RATES			MI	FR						ADM	IINLE	AD T	IME			MFR		,	ТОТА	.L	RI	EMAR	KS				
F							REACHED	Nun	nber					Pri	ior 1 Oc	ct	A	fter 1 C	Oct	Ai	fter 1 C	Oct	A:	fter 1 (Oct	ı						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	ΊAL				0			1			6			7		1						
1 AM G	eneral, Mishawaka, IN		100.00		700.00	1300.00	0	1	1	REO	RDER				0			2			6			8		1						
2 O'Gar	a Hess & Eisenhardt, Fairfield, OH		10.00		55.00	100.00	0	2	,	INIT	TAL				0			3			5			8								
3 O'Gar	a Hess & Eisenhardt, Fairfield, OH		10.00		55.00	100.00	0	2	-	REO	RDER				0			3			5			8								
4 AM G	General, Mishawaka, IN		100.00		700.00	1300.00	0	3	3	INIT	ΊAL				0			9			6			15								
										REO	RDER				0			9			6			15		1						
								4	ļ I	INIT	IAL				0			9			6			15								
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										REO	RDER																					

	FY 06 / 07 BUDGET P	ROL	UCTION	SCE	IEDULI	E			Item N IOB M				HLD	VEH	(HM	MWV	/) (D	1540	0)					Date:			Fe	bruar	y 200	3		
												Fis	scal Y	Year (06									I	Fiscal	Year	r 07					
				S	PROC	ACCEP	BAL								Cale	endar	Yea	ır 06					L			Cale	ndar	Year	07		_	L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	J U G	S E P	T
Up	o-Armor M1114 (D15402)																									+			+			
		2	FY 02	A	180	180	0																									0
		2	FY 02	A	180	180	0																									0
		2	FY 02	A	115	115	0																									0
		2	FY 02	AF	73	73	0																									0
		2	FY 02	FMS	28	28	0																						Т			0
		2	FY 03	A	540	540	0																									0
		2	FY 03	A	20	20	0																			Т			Т			0
		2	FY 04	A	250	250	0																									0
		2	FY 05	A	270	170	100	30	30	20	20															Т			Т			0
Uŗ	o-Armor M1114A1 (D15402)																									Т			Т			
		3	FY 05	A	90	0	90			15	15	30	30													Т			Т			0
M	1097A2, M1025A2, M1113, Chassis																												Т			
		1	FY 02	A	489	489	0																									0
		1	FY 02	A	72	72	0																									0
		1	FY 02	A	182	182	0																									0
		1	FY 02	Α	40	40	0																			Т			Т			0
		1	FY 02	A	180	180	0																			Т			Т			0
		1	FY 02	A	115	115	0																			Т			Т			0
								O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E					J	A U		
								T	v	C	N	В	R	R	Y	N	Ĺ	Ğ	P	T	V		N	В								
M			PR	ODUCT	ON RATES			M	FR						ADM	AINLE	EAD 7	ГІМЕ		1	MFR	:		TOTA	AL	F	REMA	RKS				
F							REACHED	Nur	nber					Pri	ior 1 O	ct	A	fter 1	Oct	Α	fter 1	Oct	Α	After 1	Oct	4						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+		,	INIT					0			1		┡	6		┡	7		4						
1	AM General, Mishawaka, IN		100.00		700.00	1300.00	0				RDER				0			2			6			8		4						
2	O'Gara Hess & Eisenhardt, Fairfield, OH		10.00		55.00	100.00	0	1	2	INIT					0			3		_	5			8		4						
3	O'Gara Hess & Eisenhardt, Fairfield, OH		10.00		55.00	100.00	0	—			RDER				0			3		⊢	5		⊢	8		4						
4	AM General, Mishawaka, IN		100.00		700.00	1300.00	0	1	3	INIT					0			9		╄	6		⊢	15		4						
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	FY 06 / 07 BUDGET PRO	OD	UCTION	SCH	EDUL	E				Nomen IULTI			łLD	VEH (I	НММ	(WV)	D154	100)					Date:			Feb	ruary	2003			
												Fise	cal Y	ear 06									I	iscal	Year	07					
				S	PROC	ACCEP	BAL						_	(Calen	dar Y	ear 0	6	_	_		L			Caler	ıdar '	ear (7			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A M P A R	И A I Y I	J J U U N L	U U	A S J E G P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
		1	FY 02	A	180	180	0									\top															0
		1	FY 02	AF	111	111	0																								0
		1	FY 02	FMS	32	32	0																								0
		1	FY 02	MC	1670	1670	0												┸			L									0
		_	FY 02	OTH	10	10	0						_				_		┸			L			┖						0
			FY 03	A	35	35	0					_	_			_	_		┸			L									0
			FY 03	A	717	717	0					_	_			4	+	_	╀	+	_	╙	_	_	_	_		_			0
_			FY 03	A	44	44	0				_	_	_		_	-	+	+	╀	+	\vdash	⊢	\vdash	+	\vdash	-					0
		_	FY 03	A	233	233	0				_	\dashv	_	\vdash		+	+	+	╀	+	+	⊢	+	+	\vdash	-	-				0
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		_	FY 03	MC	1650	1650	0									+	+	+	╈		+	┢	+		\vdash						0
			FY 03	NA	38	38	0									\top	+		T			H	T		т						0
			FY 03	ОТН	57	57	0										\top		T			Т			\vdash						0
			FY 04	A	774	774	0									\top	\top		T			Г			Т						0
			FY 04	Α	165	165	0									\top	\top		T			Г			Т						0
			FY 04	A	250	250	0										\top		Τ			Г			Т			Г			0
		1	FY 04	MC	1631	1631	0																								0
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M			PRO	ODUCTI	ON RATES			MI	FR					A	ADMI	NLEAD	TIM	E	4	MFF	t		TOTA	AL	R	EMAR	KS				
F							REACHED	Nun	nber					Prior				1 Oct	1	After 1	Oct	A	After 1	Oct	4						
R	NAME/LOCATION		MIN.	1	-8-5	MAX.	D+	1	1	INITI			_		0	_	1		╀	6		┡	7		-						
1	AM General, Mishawaka, IN		100.00		700.00	1300.00	0	_			RDER		_		0		2		┿	6 5		⊢	8		1						
3	O'Gara Hess & Eisenhardt, Fairfield, OH O'Gara Hess & Eisenhardt, Fairfield, OH		10.00 10.00		55.00 55.00	100.00 100.00	0	2	2	INITI	IAL RDER	+			0	+	3		+	5		╆	8		1						
4	AM General, Mishawaka, IN		100.00		700.00	1300.00	0			INITI					0		,		+	6			15		1						
_	Zan Ceneral, Mishawaka, In		100.00		, 30.00	1500.00	Ü	3	3		RDER	\dashv	\dashv		0	+	9		+	6		Н	15		1						
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П								_ `			RDER			(0		ç)	\top	6		Г	15		1						
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										REOI	RDER																				

	FY 06 / 07 BUDGET PRO	DUCTION	SCE	IEDUL]	E			item N				HLD	VEH	(HMI	MWV	V) (D	15400	0)					Date:			Feb	ruary	2003			
											Fi	scal Y	Year (06									F	'iscal	Year						
			S	PROC	ACCEP	BAL								Cale	endaı	r Yea	ır 06								Caler		Year (07			L A
	COST ELEMENTS M F R	FY	Ē R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	1	FY 05	Α	551	236	315	49	49	49	39	39	39													Т						0
	1	FY 05	A	360	112	248	23	23	23	32	32	52	63																		0
	1	FY 05	A	67	29	38	6	6	5	5	5	5	6																		0
	1	FY 05	A	636	334	302	69	69	49	34	37	34	10																		0
	1	FY 05	MC	1904	1199	705	218	43	44	185	132	83							L									L			0
M	1097A3, M1025A3, M1113A1																		L									L			
	4	FY 05	A	122	0	122			5	35	41	41							oxdot				$oxed{oxed}$		┖			L	Ш		0
	4	FY 05	A	23	0				2	5	8	8							_						┸						0
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То	tal			15467	13283	2184	395	220	220	388	388	388	185						_												
							О	N	D	J	F	M	Α	M	J	J	Α	S	О	N	D	J	F	M	Α	M	J	J	Α	S	
							C	0	Е	A	E	A	P	A	U	U	U	Е		0	E	A	Е	A	P	A	U	U	U	Е	
							T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	
M		Pl	ODUCT	ION RATES			Ml	FR						ADM	AINLE	EAD T	ГІМЕ]	MFR			TOTA	L	R	EMAF	RKS				
F						REACHED	Nun	nber					Pr	ior 1 O	ct	A	fter 1 (Oct	A	fter 1 (Oct	A	fter 1 (Oct	_						
R	NAME/LOCATION	MIN.		1-8-5	MAX.	D+			INIT	IAL				0			1			6			7		4						
1	AM General, Mishawaka, IN	100.00		700.00	1300.00	0	1		REO	RDER				0			2			6			8		4						
2	O'Gara Hess & Eisenhardt, Fairfield, OH	10.00		55.00	100.00	0	2	2	INIT					0			3		_	5			8		4						
3	O'Gara Hess & Eisenhardt, Fairfield, OH	10.00		55.00	100.00	0				RDER				0			3			5			8		4						
4	AM General, Mishawaka, IN	100.00		700.00	1300.00	0	3	3	INIT					0			9			6			15		4						
_										RDER				0			9		-	6			15		4						
_							4	1	INIT					0			9		_	6			15		4						
_										RDER				0			9			6			15		4						
_									INIT																1						
									KEO	RDER																					

Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	F	Sebruary 2003		
Appropriation/Budget Acti Other Procurement, Army /1/T		vehicles				P-1 Item Nom TRU		20T (CCE) (D	16001)			
Program Elements for Cod	e B Items:			Code: A	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	65	23	36	72		1		28				225
Gross Cost	13.1	5.0	8.0	16.6		1.3		8.5				52.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	13.1	5.0	8.0	16.6		1.3		8.5				52.5
Initial Spares												
Total Proc Cost	13.1	5.0	8.0	16.6		1.3		8.5				52.5
Flyaway U/C												
Wpn Sys Proc U/C												

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 dump body, in-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. It is transportable by highway, rail, marine, and air modes worldwide. The Material Control System (MCS) features 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. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY05 funding procures M917A2 Dump Trucks that are required to replace overage F5070 and M917 dump trucks, which are becoming increasingly difficult and costly to maintain. Receiving units include U.S. Army Reserve and National Guard Combat Heavy, Combat Support Engineering Units and Engineering Dump Truck Companies. The Army Acquisition Objective (AAO) is 1,076.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army /	1/			tem Nomenclaturo UMP, 20T (CCE) (D			Weapon System	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1. M917A2 w/o Material Control System 2. M917A2 w/Material Control System 3. Fed Ex Tax/M917A2 w/o MCS 4. Fed Ex Tax/M917A2-w/MCS 5. Engineering Change Proposals 6. Documentation 7. Testing - Prod Ver Test - Yuma Pr Gd 8. Engineering - In House 9. Program Management Support 10. System Fielding Support 11. Quality Support NOTE: FET not required in Category #4, FY02, POMCUS AFLOAT, War Reserve		\$000 4901 1288 305 94 50 894 50 250 100 40	Each 29 7	\$000 169 184	\$000 9116 3629 1095 435 486 275 450 281 150	53 19	\$000 172 191	\$000	Each	\$000	\$000 527 150 450 150	Each	\$000
Total		7972			16617						1277		

Exhibit P-5a, Budget Procuremen	t History and Planning							Date: F	ebruary 2	003
ppropriation/Budget Activity/Serial No: ther Procurement, Army / 1 / Tactical and support vehicles		Weapon System	m Type:			em Nomeno				
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 Iss Date
1. M917A2 w/o Material Control System										
FY 2002	Freightliner Corporation Portland, OR	CFP RQ7(2)	TACOM, Warren, MI	Mar 02	Sep 02	29	169	YES	N/A	
FY 2003	Freightliner Corporation Portland, OR	CFP RQ7(3)	TACOM, Warren, MI	Dec 02	Jun 03	53	172	YES	N/A	
2. M917A2 w/Material Control System	Tornand, OK									
FY 2002	Freightliner Corporation Portland, OR	CFP RQ7 2A	TACOM, Warren, MI	Mar 02	Sep 02	7	184	YES	N/A	
FY 2003	Freightliner Corporation Portland, OR	CFP RQ7(3)	TACOM, Warren, MI	Dec 02	Jun 03	19	191	YES	N/A	
	Fortialid, OK									
EMARKS:										

	FY 01 / 02 BUDGET	PROD	UCTION	SCH	IEDUL	E			Item N JCK, D				E) (D	16001	1)								I	Oate:			Feb	ruary	2003			
												Fi	scal Y	ear (Fi		Year						
				s	PROC	ACCEP	BAL	_								endaı	r Yea									Calen		ear (2			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
1. N	M917A2 w/o Material Control System																									H						
		1	FY 02	A	29	0	29																		A						15	14
		1	FY 03	A	53	0	53																									53
2. 1	M917A2 w/Material Control System																															
		1	FY 02	A	7	0	7																		A						7	0
		1	FY 03	A	19	0	19																									19
																														П		
																														П		
Tot	tal				108		108																							Н	22	86
10.					100		100																									00
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L		S E P	
M			PR	ODUCTI	ON RATES			М	FR						ADM	/INLE	EAD T	IME			MFR		7	ΓΟΤΑΙ	L	R	EMAR	KS				
F							REACHED	Nui	mber					Pri	ior 1 O	ct	A	fter 1 C	Oct	A	fter 1 (Oct	A:	fter 1 C	Oct							n above
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	ΊAL				0			11			17			28						dy sty		n the M915
1	Freightliner Corporation, Portland, OR		8.00		88.00	90.00	3		1	REO	RDER				0			3			6			9						gether		
										INIT	ΊAL															со	mmer	cial p	roduc	tion wl		runs at
										REO	RDER															ar	ate of	40 pe	r day.			
										INIT	ΊAL																					
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	FY 03 / 04 BUDGET P	ROD	UCTION	SCH	[EDUL]	E			Item N ICK, D				E) (D	1600	1)]	Date:			Feb	ruary	2003			
												Fis	scal Y	Year (03									F	iscal	Year	04					
				S	PROC	ACCEP	BAL				Ь,				Cal	endaı	r Yea	r 03								Calen	dar Y	ear (4			L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
1. N	И917A2 w/o Material Control System								Н																	┢						
		1	FY 02	A	29	15	14	14																								0
		1	FY 03	A	53	0	53			A						20	20	13														0
2. N	M917A2 w/Material Control System																															
		1	FY 02	A	7	7	0																									0
		1	FY 03	A	19	0	19			Α						19																0
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Tot	ai				108	22	86	14								39	20	13								-						
								О	N	D	J	F	M	Α	M	J	J	Α	S	О	N	D	J	F	M	Α	M	J	J	A	S	
								C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
								1	v	C	14	ь	K	К	1	IN	L	G	Г	1	V	C	IN	ь	K	K	1	14	L	G	Г	
M			PR	ODUCTI	ON RATES			Ml	FR						ADN	MINLE	EAD T	TIME			MFR		'	TOTA	L		EMAR					
F							REACHED	Nun	nber					Pr	ior 1 C	Oct	A	fter 1 (Oct	Ai	fter 1 (Oct	A	fter 1 (Oct							n above
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+	1	,	INIT					0			11			17			28		18 1 M9	or on 915 F	e or fo	our bo Vehs	dy sty . The N	1es 11 1915	FOV
1	Freightliner Corporation, Portland, OR		8.00		88.00	90.00	3		,	REO	RDER				0			3			6			9		is j	produ	ced to	gethe	r with	the	
Ш										INIT													_			_		•			hich	runs at
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										REO	RDER																					

Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	nte:	F	ebruary 2003		
Appropriation/Budget Acti Other Procurement, Army /1/1		vehicles				P-1 Item Nom FAN		DIUM TACTIO	CAL VEH (FM	ITV) (D15500))	
Program Elements for Cod	le B Items:			Code: A	Other Relate	ed Program Ele	ements:	PE 0604604	A/Project DH	07 Medium Ta	nctical Vehicles	
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	14224	2269	2400	3232	1160	1965	1893	2016	1716	1753	50206	82834
Gross Cost	2278.2	465.0	459.9	662.9	309.8	491.8	496.7	502.5	488.5	504.6	12749.7	19409.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	2278.2	465.0	459.9	662.9	309.8	491.8	496.7	502.5	488.5	504.6	12749.7	19409.5
Initial Spares												
Total Proc Cost	2278.2	465.0	459.9	662.9	309.8	491.8	496.7	502.5	488.5	504.6	12749.7	19409.5
Flyaway U/C												
Wpn Sys Proc U/C				·								

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 performs over 55% of the Army's local and line haul, and unit resupply missions in combat, combat support, and combat service support units. The quantities shown above reflect trucks only. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures 2-1/2-ton and 5-ton trucks via the second and third years of the competitive rebuy multiyear contract (scheduled for award in Mar 03). The FMTV fills the 2-1/2-ton truck and 5-ton truck requirements, reduces operating and support costs, resolves potential operational deficiencies and operates throughout the theater as a multi-purpose transportation vehicle used by combat, combat support, and combat service support units. The system's design enables rapid deployment worldwide and operation on primary and secondary roads, trails, and cross-country terrain in all climate conditions. Extended applications of the FMTV include support to other Army emerging requirements such as the Towed Artillery Digitization (TAD), Theater High Altitude Area Defense (THAAD), Patriot Recapitalization, High Mobility Artillery Rocket System (HIMARS) and the Unit Water Pod System (Camel). Procurement of vehicles through the FY05 buy completes approximately 30% of the FMTV Army Acquisition Objective (AAO).

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army / 1	1/			tem Nomenclature F MEDIUM TACTI		(D15500)	Weapon System T	Гуре:	Date: Februa	nry 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	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. VehiclesLMTV CargoLMTV Cargo w/ winchLMTV Cargo-Air DropLMTV Cargo-Air Drop w/ winch	A	181687 56400	1332 382	136 148	201486 13571	1449 89	139 152	75508 17431	474 102	171	93668 25804	588 151	159 171
LMTV Van LMTV Van w/ winch LMTV Chassis					2307	10	231	3461	15	231	3461	15	231
SUBTOTAL LMTV		238087			217364			96400			122933		
MTV Cargo MTV Cargo w/ winch MTV Cargo-Air Drop MTV Cargo-Air Drop w/ winch		51017	323	158	71800 8848	434 48	165 184	25201 19607	138 101		78343 20190	429 104	183 194
MTV Cargo-Long Wheel Base (LWB)MTV Cargo-LWB w/ winch		7130	44	162	7561	47	161	2975	16	186			
MTV Cargo-LWB & Mat'l Handl Equip MTV Cargo MHE MTV Dump MTV Dump w/ winch					2702 35789	11 165	246 217	2423	10	242	17448 8260 2317	72 37 10	242 223 232
MTV Tractor MTV Tractor w/ winch MTV Wrecker		40879 9901	260 59	157 168	143398 1494 20529	867 9 60	165 166 342	34970 2121 15096	192 11 41	193	64659 8837	355 24	182 368
MTV Expansible Van MTV Chassis					3669	12	342 306	18346	60		55037	180	306
MTV HIMARs Launcher Chassis MTV LHS MTV Chassis-LWB					9006 969	26 5	346 194						
SUBTOTAL MTV		108927			305765			120739			255091		
LMTV Trailers MTV Trailers		8153 11546	260 260	31 44	21692 4712	701 122	31 39	14606 3472	500 83		24420 3012	836 72	29 42
SUBTOTAL TRAILERS		19699			26404			18078			27432		
2. Federal Retail Excise Tax3. Engineering Changes		7471 9295			25230 7925			9112 9707			18787 17380		

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army /	1/			tem Nomenclatur F MEDIUM TACTI	e: ICAL VEH (FMTV) ((D15500)	Weapon System	Гуре:	Date: Februa	nry 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
4. Testing		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Contractor					7060			1014			2387		
Government		1782			2474			5424			2151		
Contractor Program Support		6905			13911			7132			7266		
6. Engineering Support		0,00			10,11			,102			7200		
Government (In-house)		4144			5134			4501			4585		
Contractor		9739			11961			6712			6838		
Competitive Evaluation		7033			11/51			3.12			0000		
7. Quality Assurance Support (In-house)		344			349			355			362		
8. HAC S&I A0 Improvements		25321			13089			230					
9. Kits					/								
10. Fielding Support		14311			17577			23400			16590		
11. Project Mgmt Support		6814			8700			7236			10032		
J C 11													
Total		459872			662943			309810			491834		
					002710			20,510			., 150 1		

Exhibit P-5a, Budget Procureme	ent History and Planning							Date:	ebruary 2	:003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	s	Weapon Syste	ет Туре:		•	em Nomenc	lature: ICAL VEH (FMTV)	(D15500)		
VBS 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 Iss Date
1. Vehicles										
FY 2002	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM, Warren, MI	Dec 01	Oct 02	2400	145	N/A	N/A	N/A
FY 2003	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM, Warren, MI	Dec 02	Oct 03	2360	152	N/A	N/A	N/A
FY 2003	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM, Warren, MI	Mar 03	Jan 04	254	152	N/A	N/A	N/A
FY 2003	TBS TBD	CM-5(1)	TACOM, Warren, MI	Mar 03	Feb 04	618	184	N/A	N/A	8/02
FY 2004	TBS TBD	CM-5(2)	TACOM, Warren, MI	Mar 04	Feb 05	1160	187	N/A	N/A	N/A
FY 2005	TBS TBD	CM-5(3)	TACOM, Warren, MI	Nov 04	Oct 05	1965	192	N/A	N/A	N/A
EMARKS: Quantity above is for trucks only; un	nit cost is an average of different truck models ar	nd can vary due to m	nodel mix procured.				•			

	FY 03 / 04 BUDGET PRO)D	UCTION	SCH	EDUL	E					nclatu EDIU		ACTIO	CAL V	VEH (FMT	'V) (I	01550	0)]	Date:			Fel	oruary	2003			
												Fi	scal Y	ear ()3									F	iscal	Year	r 04					
				S	PROC	ACCEP	BAL				L_,				Cale	ndar	· Yea	r 03								Cale	ndar	Year ()4			L A
	COST ELEMENTS M F R	F	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
1.	Vehicles																									╁						
	1	1	FY 02	A	2400	0	2400	180	204	199	204	206	179	210	210	210	210	210	178													0
	1	1	FY 03	A	2360	0	2360			A										218	189	173	194	198	214	18	5 20	0 206	184	1 203	196	0
	1	1	FY 03	A	254	0	254						Α										28	3 28	3 28	3 2	8 2	8 28	28	3 29	29	0
	2	2	FY 03	A	618	0	618						Α											51	. 51	1 5	1 5	1 51	51	1 52	52	208
	2	2	FY 04	A	1160	0	1160																		Α	١						1160
	2	2	FY 05	A	1965	0	1965																									1965
	2	2	FY 06	A	1893	0	1893																			L						1893
	2	2	FY 07	A	2016	0	2016																			L						2016
	2	2	FY 08	A	1716	0	1716																			L						1716
	2	2	FY 09	A	1753	0	1753																			L						1753
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To	otal				16135		16135	180	204	199	204	206	179	210	210	210	210	210	178	218	189	173	222	277	293	3 26	4 27	9 285	263	284	277	10711
								O C T	N O V	D E C	J A N	F E B	M A R	A P R		J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	Α	U	J U L	A U G	S E P	
M			PRO	DUCTI	ON RATES			MI	₹R						ADM	IINLE	EAD T	IME			MFR			ТОТА	.L	F	REMA	RKS				
F							REACHED	Nun	nber					Pri	ior 1 Oc	ct	Af	fter 1 O	ct	Ai	fter 1 C	Oct	A	fter 1	Oct			nedule				
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	ΊAL				0			1			11			12		in		the fo			ailer Ç	QTY's:
1	Stewart & Stevenson, Inc., Sealy, TX		150.00		350.00	700.00	12	1		REO	RDER				0			2			11			13		F		TYs				
2	TBS, TBD		150.00		350.00	700.00	12	2	,	INIT	ΊAL				0			6			11			17				100 5				
										REO	RDER				0			2			11			13				360 5 54 1				
										INIT																0	3 6	18 1	87			
		_									RDER)4 11)5 19		83 08			
		_								INIT																			157			
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	te:	F	ebruary 2003		
Appropriation/Budget Acti Other Procurement, Army /1/T	•	vehicles				P-1 Item Nom FIRI		ASSOCIATEI) FIREFIGHT	ING EQUIPM	IENT (D15800))
Program Elements for Cod	e B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	63	73	11	38	21	29	15	79	18	16		363
Gross Cost	7.6	22.7	9.0	27.3	15.0	20.9	11.5	34.8	7.0	5.0		160.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	7.6	22.7	9.0	27.3	15.0	20.9	11.5	34.8	7.0	5.0		160.9
Initial Spares												
Total Proc Cost	7.6	22.7	9.0	27.3	15.0	20.9	11.5	34.8	7.0	5.0		160.9
Flyaway U/C												
Wpn Sys Proc U/C												

This line is a roll-up of various Fire Trucks. These vehicles are used for fighting fires, and as a safety precaution at ammunition storage areas. In addition, these vehicles respond to forest fires, train & automobile accidents, and hazardous material incidents. These vehicles are essential to all military installations and to many local communities for the preservation of life and property. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 funding 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 849 and Tactical Fire Trucks 165.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent. Armv /	1/		FIRETRUC	tem Nomenclature CKS & ASSOCIATE NT (D15800)	e: D FIREFIGHTING		Weapon System T	Гуре:	Date: Febru	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1. Firetruck, Non-Tactical	A	\$000	Each	\$000	\$000 1790	Each 6	\$000 298	\$000	Each	\$000	\$000	Each	\$000
2. Truck, Firefighting, Tactical	В	8962	11	815	25498	32	797	14968	21	713	20876	29	720
Total		8962			27288			14968			20876		

Exl	hibit P-40	, Budge	t Item J	ustifica	tion Sh	eet	Ι	Date:	F	ebruary 2003		
Appropriation/Budget Ac Other Procurement, Army /1		vehicles				P-1 Item Non FIR		NON-TACTICA	AL (D15801)			
Program Elements for Co	ode B Items:			Code: A	Other Relat	ted Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	4	70		6				53	16	16		165
Gross Cost	5.1	21.1		1.8				15.6	5.2	5.0		53.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	5.1	21.1		1.8				15.6	5.2	5.0		53.8
Initial Spares												
Total Proc Cost	5.1	21.1		1.8				15.6	5.2	5.0		53.8
Flyaway U/C												
Wpn Sys Proc U/C												

These vehicles are of standard commercial design with only slight modifications. Examples include Pumper Trucks, Structural Pumpers, Ladder Trucks, Brush 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:

There is no budget in FY04/FY05 for the procurement of Non-Tactical Firetrucks. Total Army Acquisition Objective (AAO) for all Non-Tactical Fire Trucks is 821.

Ext	nibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	ate:	I	February 2003		
Appropriation/Budget Ac Other Procurement, Army /1.	•	vehicles				P-1 Item Nom TRU		GHTING, TAC	TICAL (D158	02)		
Program Elements for Co	de B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	4	3	11	32	21	29	15	26	2			143
Gross Cost	2.6	1.6	9.0	25.5	15.0	20.9	11.5	19.2	1.8			107.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	2.6	1.6	9.0	25.5	15.0	20.9	11.5	19.2	1.8			107.0
Initial Spares												
Total Proc Cost	2.6	1.6	9.0	25.5	15.0	20.9	11.5	19.2	1.8			107.0
Flyaway U/C												
Wpn Sys Proc U/C												

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

FY04/FY05 funding 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. Army Acquisition Objective is 165.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army /	1/		P-1 Line I TRUCK, FI	tem Nomenclature REFIGHTING, TAC	e: CTICAL (D15802)		Weapon System T	Гуре:	Date: Febru	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle Tactical Firefighting Truck FRET	В	6762 237	11	615	19670 690	32	615	13176 461	21	627	18536 648	29	639
SubTotal		6999			20360			13637			19184		
 Non Recurring Engineering ECPs Testing System Fielding Support 		100 1265			350 590 3300 258			395 477			556 668		
 System Picturing Support Engineering Support Quality Assurance Support PM Support 		199 399			259 381			172 287			175 293		
Total		8962			25498			14968			20876		

Exhibit P-5a, Budget Procurement His	story and Planning							Date: F	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syste	т Туре:			em Nomenc FIGHTING, TA	lature: CTICAL (D15802			
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Tactical Firefighting Truck										
FY 2002	Pierce Manufacturing Inc. Appleton, WI	SS/REQ/PY1	DLA, Philadelphia, PA	Jan 03	Sep 03	11	615	Yes	N/A	N/A
FY 2003	Pierce Manufacturing Inc. Appleton, WI	SS/REQ/PY1	DLA, Philadelphia, PA	Jan 03	Jan 04	32	615	Yes	N/A	N/A
FY 2004	Pierce Manufacturing Inc. Appleton, WI	SS/REQ/PY2	DLA, Philadelphia, PA	Mar 04	Sep 04	21	627	Yes	N/A	N/A
FY 2005	Pierce Manufacturing Inc. Appleton, WI	SS/REQ/PY3	DLA, Philadelphia, PA	Jan 05	Jul 05	29	639	Yes	N/A	N/A
REMARKS:										

	FY 02 / 03 BUDGET PRO	OD [°]	UCTION	SCH	EDUL	E			Item N JCK, F				TAC	CTICA	L (Di	15802	;)						I	Date:			Feb	ruary	2003			
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Tac	tical Firefighting Truck							\vdash								\dashv																
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M			PRO	DDUCTI	ON RATES			MI	₹R						ADM	IINLE	AD T	IME			MFR			ТОТА	L	R	EMAF	KS				
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	ite:	F	ebruary 2003		
Appropriation/Budget Acti Other Procurement, Army /1/T	•	vehicles				P-1 Item Nom FAN		AVY TACTICA	AL VEHICLES	S (FHTV) (D <i>A</i>	A0500)	
Program Elements for Cod	le B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty												
Gross Cost	4060.7	206.2	159.1	252.4	133.1	99.7	97.8	224.7	90.9	75.1		5399.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	4060.7	206.2	159.1	252.4	133.1	99.7	97.8	224.7	90.9	75.1		5399.7
Initial Spares	0.9											0.9
Total Proc Cost	4061.6	206.2	159.1	252.4	133.1	99.7	97.8	224.7	90.9	75.1		5400.6
Flyaway U/C												
Wpn Sys Proc U/C												

The Family of Heavy Tactical Wheeled Vehicles are used in line haul, local haul, unit resupply and other missions throughout the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) and its companion trailers, flat racks (Container Roll-in/Out Platform (CROP)), Container Handling Units (CHU), and the Movement Tracking System (MTS). Other trucks included in this family are: the Heavy Equipment Transporter System (HETS) and the Heavy Expanded Mobility Tactical Truck (HEMTT). The FHTV line also includes the Forward Repair System (FRS), which is a mobile maintenance platform that mounts on a PLS or HEMTT. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 Family of Heavy Tactical Vehicles (FHTV) funding procures PLS equipment, which includes PLS Trucks and Trailers, CROP, CHU, and MTS; HEMTT Tankers, Wreckers, Cargoes, and Tractors; and FRS to the Digitized Divisions, Stryker Brigade Combat Team (SBCT), Patriot Units, Combat Engineers, Army Pre-positioned Stocks (APS), 82nd Airborne Division, Korea, and to National Guard and Army Reserve Units.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army / 1	. /			item Nomenclatur F HEAVY TACTIC	e: CAL VEHICLES (FH'		Weapon System '	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	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
Family of Heavy Tactical Vehicles FHTV (DA0500)													
PALLETIZED LOAD SYSTEM(D16500)													
PLS Truck (D16500)	Α	32238	79		22590	64		12733	36		6850	17	
PLS Trailer (D08900)	Α	6002	129		24201	497		13911	248		4209	68	
Driver Training Simulator and Related De	Α							350	1		350	1	
Cargo Bed (Flatrack)(D16100)	A	1448	102		11516	1192		2563	215		2178		
Container Handling Unit (D16101)	A	1348	16		1752	39		1888	44		1877	38	
Movement Tracking System (MTS)(D16103)	Α	19697	1392		41676	2619		10378	656		10453	624	
HEMTT, ALL BODY TYPES(D16204) Truck, Tank, Fuel Svc,(D16202)	Α	13295	44		48451	159		33398	104		40106	118	
Truck, Recovery, 10T, 8x8 (D16203)	A	14062	40		33550	92		34231	89		18450		
Truck, Cargo, 10T, 8x8 (D16204)	A	1750	5		23005	85		6370	22		10430	7/	
Truck, Tractor, 10T, 8x8 (D16205)	A	10144	45		6310	28		0570					
Heavy Equipment Transporter System (HETS) (DV0012)	A	43776	79										
Forward Repair System (D16400)	Α	15339	34		39314	74		17308	36		15270	32	
Total		159099			252365			133130			99743		

Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	nte:	F	February 2003		
Appropriation/Budget Act Other Procurement, Army /1/	•	vehicles				P-1 Item Nom TRU), 57000 GVW,	8X8 (D16204)		
Program Elements for Coo	de B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	11816	123	134	364	215	165	135	422		3		13377
Gross Cost	1973.5	46.3	39.3	111.3	74.0	58.6	47.3	141.0		1.4		2492.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1973.5	46.3	39.3	111.3	74.0	58.6	47.3	141.0		1.4		2492.6
Initial Spares												
Total Proc Cost	1973.5	46.3	39.3	111.3	74.0	58.6	47.3	141.0		1.4		2492.6
Flyaway U/C												
Wpn Sys Proc U/C												

The Heavy Expanded Mobility Tactical Truck (HEMTT) is a 10-ton, 8-wheel drive truck in all body styles, including two cargo configurations, a wrecker, tanker and tractor. The HEMTT transports ammunition, petroleum, oils and lubricants and is used as the prime mover for certain missile systems. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures 380 HEMTTs of multiple variants, including 222 M978A2 HEMTT Tankers, 136 M984A2 HEMTT Wreckers, and 22 M985A2 Cargos to fill Stryker Brigade Combat Team (SBCT) conversion requirements, modernize the Counter Attack Corps, and fill requirements in the National Guard Bureau (NGB) and Reserve, and to support the Total Army Analysis (T AA-09) unit activations. The M984A2 Wrecker is the recovery vehicle for other wheeled support and combat vehicle systems and is the only recovery vehicle in the Stryker Brigade Combat Team (SBCT). The M978A2 Tanker is a 2500-Gallon Fuel Transporter and is a key Combat Service Support (CSS) enabler in the SBCT and Digitized Divisions. The M985A2 Cargo transports Multiple Launch Rocket System (MLRS) missile pods. Army Acquisition Objective for the HEMTT Fleet is 13,657.

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/E Other Procurer Tactical and su	nent, Army / 1	1 /			tem Nomenclature ARGO, 57000 GVW			Weapon System T	Type:	Date: Februa	ary 2003
OPA1 ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements 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 M978A2 (D16202)	10617	44	241	40626	159	256	28031	104	270	33322	118	282
Wrecker M984A2 (D16203)	11623	40	291	28762	92	313	28714	89		15711		334
Cargo M985E1 GMT (D16204)	1470	5	294									
Cargo M985A2 (D16204)				19569	85	230	5312	22	241			
Tractor M983A2 (D16205)	7963	45	177	5322	28	190						
Kits	279											
Subtotal	31952			94279			62057			49033		
2.FRET	3801			11913			7414			5884		
3. Engineering Changes	205			2081			1937			1198		
4. Government Testing - ATC	100			120			200			150		
5. Documentation	816			125			125			125		
6. Engineering Support Government	300			405			467			475		
7. Quality Assuranc Support - Government	132			197			252			256		
8. Special Tools	210			200			200			200		
System Fielding Support	710			945			566			444		
10. PM Support	1025			1051			781			791		
Total	39251			111316			73999			58556		

Exhibit P-5a, Budget Procurer	nent History and Planning							Date: F	ebruary 2	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehi	cles	Weapon Syster	n Type:		•	em Nomenc GO, 57000 GVW	lature: V, 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 Iss Date
Tanker M978A2 (D16202)										
FY 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Mar 02	May 02	44	241	YES	N/A	N/A
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Dec 02	Jul 03	159	256	YES	N/A	N/A
FY 2004	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Jan 04	Aug 04	104	270	YES	N/A	N/A
FY 2005	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Jan 05	Aug 05	118	282	YES	N/A	N/A
Wrecker M984A2 (D16203)	· ·									
FY 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Mar 02	May 02	40	291	YES	N/A	N/A
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Dec 02	Jul 03	92	313	YES	N/A	N/A
FY 2004	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Jan 04	Aug 04	89	323	YES	N/A	N/A
FY 2005	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Jan 05	Aug 05	47	334	YES	N/A	N/A
Cargo M985E1 GMT (D16204)										
FY 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Feb 03	Sep 03	5	294	YES	N/A	N/A
Cargo M985A2 (D16204)										
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Dec 02	Jul 03	55	230	YES	N/A	N/A
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Jan 03	Jun 04	30	230	YES	N/A	N/A

Exhibit P-5a, Budget Procurer	ment History and Planning							Date: F	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support veh	icles	Weapon Syste	m Type:		P-1 Line Ite TRUCK, CAR		lature: V, 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 2004	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Jan 04	Aug 04	22	241	YES	N/A	N/A
Tractor M983A2 (D16205)										
FY 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Mar 02	May 02	45	177	YES	N/A	N/A
FY 2003	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Dec 02	Jul 03	28	190	YES	N/A	N/A
REMARKS:										

	FY 02 / 03 BUDGET PF	ROD	UCTION	SCH	IEDUL!	E			Item N JCK, C				VW,	8X8 ((D162	204)]	Date:			Feb	ruary	2003			
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Ta	nker M978A2 (D16202)											\dashv	\dashv			\dashv									\vdash	H				\vdash		
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		1	FY 04	A	104	0	104																									104
		1	FY 05	A	118	0	118																									118
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Tr	actor M983A2 (D16205)																															
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	te:	F	ebruary 2003		
Appropriation/Budget Act Other Procurement, Army /1/7		vehicles				P-1 Item Nom FOR		AIR SYSTEM	(FRS) (D1640	0)		
Program Elements for Coo	le B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	28	48	34	74	36	32	37	70	72	65		496
Gross Cost	10.4	16.9	15.3	39.3	17.3	15.3	19.4	42.0	43.9	40.6		260.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	10.4	16.9	15.3	39.3	17.3	15.3	19.4	42.0	43.9	40.6		260.5
Initial Spares												
Total Proc Cost	10.4	16.9	15.3	39.3	17.3	15.3	19.4	42.0	43.9	40.6		260.5
Flyaway U/C												
Wpn Sys Proc U/C												

This program was initiated as an Army Warfighter Rapid Acquisition Program (WRAP). The Forward Repair System (FRS) is a high-mobility, forward maintenance system that reduces Repair Cycle Time. The FRS places in one package proven tools, test equipment, and heavy lift capability to support forces in the forward battle area. The FRS 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 the 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:

FY04/FY05 program buys 68 FRS modules, including 44ea for the Counter Attack Corps (CATK) and 24 modules for the Stryker Brigade Combat Teams (SBCT). FY04/FY05 funds also buy 36 Palletized Load System trucks as prime movers for the FRS fieldings to the CATK, with the remainder of the required 44 PLS trucks filled via redistribution of excess M1074 PLS trucks. Within the SBCT, the FRS is transported on the Heavy Expanded Mobility Tactical Truck Load Handling System (HEMTT LHS) variant, and the required 24 HEMTT-LHSs are funded under the HEMTT Extended Service (ESP) program. The FRS is a must have enabler for both the Digitized Divisions and Stryker Brigade Combat Teams. FRS Army Acquisition Objective (AAO) is 567.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army / 1	1/			tem Nomenclature O REPAIR SYSTEM			Weapon System 1	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle Forward Repair System (D16400)	A	9363	34	275	19632	74	265	10075	36	5 280	9123	32	286
PLS Truck	A	5111	17	301	18654	62	301	6260	20	313	5128		321
SubTotal		14474			38286			16335			14251		
2. ECPs		248			239			385			460		
3. Government Testing4. System Fielding Support		292			448			271			244		
5. Special Tools		84			51			24			22		
6. Documentation7. Engineering Support		65			50 64			50 66			50 66		
8. Quality Assurance Support		21			21			22			22		
9. Program Management Support		155			155			155			155		
Total		15339			39314			17308			15270		

Exhibit P-5a, Budget Procuren	nent History and Planning							Date: F	ebruary 2	:003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehic	cles	Weapon Syste	т Туре:		P-1 Line It FORWARD R		lature: // (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 Iss Date
Forward Repair System (D16400)										
FY 2002	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Feb 02	Aug 02	34	275	Yes	N/A	N/A
FY 2003	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Dec 02	Jun 03	74	265	Yes	N/A	N/A
FY 2004	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Dec 03	Jun 04	36	280	Yes	N/A	N/A
FY 2005	Rock Island Arsenal Rock Island, IL	FFP	TACOM, Warren, MI	Dec 04	Jun 05	32	286	Yes	N/A	N/A
PLS Truck										
FY 2002	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Mar 02	May 02	17	301	Yes	N/A	N/A
FY 2003	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Dec 02	Jul 03	62	301	Yes	N/A	N/A
FY 2004	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Jan 04	Aug 04	20	313	Yes	N/A	N/A
FY 2005	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Jan 05	Aug 05	16	321	Yes	N/A	N/A

REMARKS: M1074 Palletized Load System (PLS) assets generated from conversion of National Guard Bureau (NGB) M155 Self-Propelled (SP) Artillery to Multiple Launch Rocket System (MLRS) will be converted to M1075 PLS configuration to allow transport of FRS modules.

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Fo	rward Repair System (D16400)	\dashv								\dashv																┢			H			
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Ext	nibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	te:	F	ebruary 2003		
Appropriation/Budget Ac Other Procurement, Army /1/		vehicles				P-1 Item Nom TRU		TIZED LOAD :	SYSTEM (PLS	S), 10X10 (D1	16500)	
Program Elements for Co	de B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty												
Gross Cost	1355.8	75.3	60.7	101.7	41.8	25.9	31.1	41.7	47.0	33.1		1814.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1355.8	75.3	60.7	101.7	41.8	25.9	31.1	41.7	47.0	33.1		1814.2
Initial Spares	0.9											0.9
Total Proc Cost	1356.7	75.3	60.7	101.7	41.8	25.9	31.1	41.7	47.0	33.1		1815.1
Flyaway U/C												
Wpn Sys Proc U/C												

The Palletized Load System (PLS) is the primary component of the Modular Ammunition Company Concept and is interoperable with the comparable British, German and French systems, through the use of a common flatrack. The PLS consists of a 16.5-ton payload prime mover (10x10) with an integral load-handling system, which provides self-loading and unloading capability; a 16.5-ton payload trailer; and demountable cargo beds, or flatracks. The Container Handling Unit (CHU) is being fielded to transportation and ammunition units and to forward support battalions, providing the capability to pick up and transport 20-foot International Standards Organization (ISO) containers without the use of a flatrack. The Movement Tracking System (MTS) program provides a multitude of tactical wheeled vehicles (PLS, Heavy Expanded Mobility Tactical Truck, Family of Medium Tactical Vehicles, etc.) with Global Positioning System (GPS) capability and two-way digital messaging. The PLS Truck performs line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units and is equipped with a Central Tire Inflation System (CTIS) which significantly improves off-road mobility. Current flatrack funding buys the Container Roll-in/out Platform (CROP), an A-frame type flatrack, which fits inside a 20-foot ISO inter-modal container. The PLS Trailer, CROP, CHU, and MTS are key enablers for both the Stryker Brigade Combat Team (SBCT) and Digitized Divisions. Army Acquisition Objectives (AAO) for PLS equipment are as follows: PLS Truck - 4,763, PLS Trailer - 3,824, Flatracks - 59,962, CHU - 1,869, and MTS - 35,702. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 Procures PLS trucks to support Engineering Mission Module (EMM) fieldings, PLS Trailers, CROP and CHU to support SBCT activations, National Guard (NG), Army Reserve (AR), and Army Pre-position Stocks (APS) requirements. MTS procurements support the Counterattack Corps (CATK), SBCT, Korea, 82nd ABN Division, and NG and Army Reserve units.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army / 1	1/			tem Nomenclature ALLETIZED LOAD 6500)			Weapon System T	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware PLS Truck (D16500)		23761	79	301	19196	64	300	11268	36	313	5449	17	321
PLS Trailer (D08900)		5710	129	44	22561	497	45	11801	248	48	3332		49
Cargo Bed, Demountable (D16100)		893	102	9	10377	1192	43	2046	215		1631	170	10
Driver Training Simulator (D16505)		693	102	2	10377	1192	,	350	1		350	170	350
PLS Container Handling Unit (D16101)		578	16	36	1326	39	34	1566	44		1428		38
Movement Tracking System (D16103)		19697	1392	14	41676	2619	16	10378	636		10453		17
Wovement Tracking System (D10103)		19097	1392	14	41070	2019	10	10376	030	10	10433	024	1 /
Subtotal		50639			95136			37409			22643		
2. Engineering Changes		1522			1184			799			494		
3. Government Testing - ATC/YPG		1281			535			500			500		
4. Documentation		832			100			230			230		
5. Engineering Support- Government		253			340			383			292		
6. Quality Assurance Supt- Government		150			230			308			235		
7. Special Tools		100			100			100			100		
8. System Fielding Support		4450			2560			969			511		
9. PM Support		1506			1550			1125			912		
Total		60733			101735			41823			25917		
างเสเ		00/33			101/35			41023			25917		

Exhibit P-5a, Budget Procuren	nent History and Planning							Date: F	ebruary 2	003
ppropriation/Budget Activity/Serial No: ther Procurement, Army / 1 / Tactical and support vehic	cles	Weapon Syster	n Type:		•	em Nomenc LETIZED LOAD	lature: O SYSTEM (PLS), 10)X10 (D1650	0	
/BS 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 Iss Date
PLS Truck (D16500)										
FY 2002	Oshkosh Truck Corp (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Mar 02	May 02	79	301	Yes	N/A	N/A
FY 2003	Oshkosh Truck Corp (OTC) Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Dec 02	Jul 03	64	300	Yes	N/A	N/A
FY 2004	Oshkosh Truck Corp (OTC) Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Jan 04	Aug 04	36	313	Yes	N/A	N/A
FY 2005	Oshkosh Truck Corp (OTC) Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Jan 05	Aug 05	17	321	Yes	N/A	N/A
PLS Trailer (D08900)	,									
FY 2002	Oshkosh Truck Corp (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Mar 02	Aug 02	129	44	Yes	N/A	N/A
FY 2003	Oshkosh Truck Corp (OTC) Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Dec 02	Jul 03	476	45	Yes	N/A	N/A
FY 2003	Oshkosh Truck Corp (OTC) Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Jan 03	Jul 04	21	45	Yes	N/A	N/A
FY 2004	Oshkosh Truck Corp (OTC) Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Jan 04	Aug 04	248	48	Yes	N/A	N/A
FY 2005	Oshkosh Truck Corp (OTC) Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Jan 05	Aug 05	68	49	Yes	N/A	N/A
Cargo Bed, Demountable (D16100)										l
FY 2002	Summa Technology Inc. Huntsville, AL	REQ/PY1	TACOM, Warren, MI	Jan 03	Jul 03	102	9	Yes	N/A	N/A
FY 2003	Summa Technology Inc. Huntsville, AL	REQ/PY1	TACOM, Warren, MI	Dec 02	Jun 03	900	9	Yes	N/A	N/A
FY 2003	Summa Technology Inc. Huntsville, AL	REQ/PY1	TACOM, Warren, MI	Jan 03	Jul 03	292	9	Yes	N/A	N/A

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	Weapon Syste	em Type:			em Nomenc LETIZED LOAD	lature: 9 SYSTEM (PLS), 10	0X10 (D1650	0	
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 Issi Date
Summa Technology Inc. Huntsville, AL	REQ/PY3	TACOM, Warren, MI	Jan 04	Jul 04	215	10	Yes	N/A	N/A
Summa Technology Inc. Huntsville, AL	REQ/PY4	TACOM, Warren, MI	Jan 05	Jul 05	170	10	Yes	N/A	N/A
FAAC Inc. Ann Arbor, MI	REQ/PY1	USMC, Indian Head, MD	Jan 04	Jul 04	1	350	Yes	N/A	N/A
FAAC Inc. Ann Arbor, MI	REQ/PY2	USMC, Indian Head, MD	Jan 05	Jul 05	1	350	Yes	N/A	N/A
OTC - CHU Oshkosh, WI	REQ/PY2	TACOM, Warren, MI	Feb 03	Sep 03	16	36	Yes	N/A	N/A
OTC - CHU Oshkosh, WI	REQ/PY3	TACOM, Warren, MI	Jan 03	Sep 03	39	34	Yes	N/A	N/A
OTC - CHU Oshkosh, WI	REQ/PY4	TACOM, Warren, MI	Jan 04	Aug 04	44	36	Yes	N/A	N/A
OTC - CHU Oshkosh, WI	REQ/PY5	TACOM, Warren, MI	Jan 05	Aug 05	38	38	Yes	N/A	N/A
Comtech Mobile Datacom Germantown, MD	REQ/PY4	CECOM, Washington, DC	Feb 02	May 02	1006	14	Yes	N/A	N/A
Comtech Mobile Datacom Germantown, MD	REQ/PY4	CECOM, Washington, DC	May 02	Oct 02	337	14	Yes	N/A	N/A
Comtech Mobile Datacom Germantown, MD	REQ/PY4	CECOM, Washington, DC	Aug 02	Jan 03	49	14	Yes	N/A	N/A
Comtech Mobile Datacom Germantown, MD	REQ/PY5	CECOM, Washington, DC	Dec 02	May 03	2619	16	Yes	N/A	N/A
	Summa Technology Inc. Huntsville, AL Summa Technology Inc. Huntsville, AL FAAC Inc. Ann Arbor, MI FAAC Inc. Ann Arbor, MI OTC - CHU Oshkosh, WI Comtech Mobile Datacom Germantown, MD Comtech Mobile Datacom Germantown, MD Comtech Mobile Datacom Germantown, MD Comtech Mobile Datacom	Summa Technology Inc. Huntsville, AL Summa Technology Inc. Huntsville, AL Summa Technology Inc. Huntsville, AL FAAC Inc. Ann Arbor, MI FAAC Inc. Ann Arbor, MI OTC - CHU Oshkosh, WI OTC - CHU Oshko	Summa Technology Inc. Huntsville, AL Summa Technology Inc. Huntsville, AL Summa Technology Inc. Huntsville, AL FAAC Inc. Ann Arbor, MI FAAC Inc. Ann Arbor, MI OTC - CHU Oshkosh, WI OTC - CHU Oshko	Summa Technology Inc. Huntsville, AL Summa Technology Inc. Huntsville, AL Summa Technology Inc. Huntsville, AL FAAC Inc. Ann Arbor, MI FAAC Inc. Ann Arbor, MI FAAC Inc. Ann Arbor, MI FAC Inc. Ann Arbor, MI FAC Inc. Ann Arbor, MI OTC - CHU Oshkosh, WI OTC - CHU Oshkosh, WI OTC - CHU Oshkosh, WI OTC - CHU REQ/PY2 TACOM, Warren, MI Feb 03 Oshkosh, WI OTC - CHU REQ/PY3 TACOM, Warren, MI Jan 03 Oshkosh, WI OTC - CHU REQ/PY4 TACOM, Warren, MI Jan 04 Oshkosh, WI OTC - CHU REQ/PY5 TACOM, Warren, MI Jan 05 Comtech Mobile Datacom Germantown, MD Comtech Mobile Datacom REQ/PY4 CECOM, Washington, DC Aug 02 Germantown, MD Comtech Mobile Datacom	Summa Technology Inc. Huntsville, AL Summa Technology Inc. Huntsville, AL Summa Technology Inc. Huntsville, AL FAAC Inc. Ann Arbor, MI FAAC Inc. Ann Arbor, MI FAAC Inc. Ann Arbor, MI FOUR TOTC - CHU Oshkosh, WI OTC - CH	Summa Technology Inc. Huntsville, AL REQ/PY4 TACOM, Warren, MI Jan 04 Jul 04 170 TACOM, Warren, MI Jan 05 Jul 05 170 Jul 04 1 TACOM, Warren, MI Jan 04 Jul 04 1 Summa Technology Inc. Huntsville, AL FAAC Inc. Ann Arbor, MI FAAC Inc. Ann Arbor, MI FAAC Inc. Ann Arbor, MI OTC - CHU Oshkosh, WI OTC - CHU Oshkosh,	Summa Technology Inc.	Summa Technology Inc.	Summa Technology Inc. REQ/PY3 TACOM, Warren, MI Jan 04 Jul 04 215 10 Yes N/A

Exhibit P-5a, Budget Procurement Hist	ory and Planning							Date:	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon System	т Туре:		P-1 Line Ito TRUCK, PALL		lature: SYSTEM (PLS), 10X	(10 (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 2004	Comtech Mobile Datacom Germantown, MD	REQ/PY6	CECOM, Washington, DC	Dec 03	May 04	636	16	Yes	N/A	N/A
FY 2005		REQ/PY7	CECOM, Washington, DC	Dec 04	May 05	624	17	Yes	N/A	N/A
REMARKS:										
REMARKS.										

	FY 02 / 03 BUDGET	PROD	UCTION	SCH	[EDUL]	E			Item N JCK, P)AD	SYST	EM (PLS).	, 10X	10 (D	1650	00)]	Date:			Feb	ruary :	2003			
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	chnology Inc., Huntsville, AL		5.00		160.00	350.00	12	:	3	INITI			_		0			15			5			20		4						
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2000 20000 2	3	7	10	 own risk. Deliveries are adjusted to accommodate mix of government and
2 Comtech Mobile Datacom, Germantown, MD 10.00 100.00 240.00 12 INITIAL 0	20	5	25	commercial production on contractor's
3 OTC - CHU, Oshkosh, WI 1.00 10.00 20.00 12 REORDER 0	3	5	8	flexible production line.
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	FY 04 / 05 BUDGET 1	PROI	OUCTION	SCH	IEDUL	E			Item N JCK, P				OAD	SYST	ГЕМ (PLS)	, 10X	10 (D	1650	00)]	Date:			Feb	ruary	2003			
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		1	FY 03	A	476	98	378	42	42	42	42	42	42	42	42	42																0
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		1	FY 04	A	248	0	248				А							21	21	21	21	21	21	21	21	21	21	21	. 1	7		0
		1	FY 05	A	68	0	68																A							6	6	56
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		4	FY 02	A	102	102	0																							\Box		0
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		2	FY 02	A	1006	1006	0																			Т						0
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2	Comtech Mobile Datacom, Germantown, MD		10.00		100.00	240.00	12			INIT					0			20			5			25		1						
3	OTC - CHU, Oshkosh, WI		1.00		10.00	20.00	12	2	2		RDER				0			3			5			8		1						
4	Summa Technology Inc., Huntsville, AL		5.00		160.00	350.00	12	3	,	INIT					0			15			5			20		1						
5	FAAC Inc., Ann Arbor, MI		1.00		2.00	4.00	12	1	,		RDER				0			4			7			11		1						
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PI	S Truck (D16500)																									+			H			
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1	Oshkosh Truck Corp (OTC), Oshkosh, WI		1.00		25.00	60.00	12				RDER				0			3			7			10		4						
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3	OTC - CHU, Oshkosh, WI		1.00		10.00	20.00	12				RDER				0			3			5			8		4						
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M	ovement Tracking System (D16103)																															
		2	FY 02	A	1006	1006	0																									0
		2	FY 02	A	337	337	0																									0
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		2	FY 04	A	636	636	0																									0
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3	OTC - CHU, Oshkosh, WI		1.00		10.00	20.00	12	2	2		RDER				0			3			5			8		1						
4	Summa Technology Inc., Huntsville, AL		5.00		160.00	350.00	12	3	,	INIT					0			15			5			20		1						
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Ex	hibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	I	February 2003		
Appropriation/Budget Ad Other Procurement, Army /1	-	vehicles				P-1 Item Non HEA		MENT TRANS	PORTER SYS	(DV0012)		
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	2143	119	79									2341
Gross Cost	689.3	67.7	43.8									800.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	689.3	67.7	43.8									800.7
Initial Spares												
Total Proc Cost	689.3	67.7	43.8									800.7
Flyaway U/C												
Wpn Sys Proc U/C												

The Heavy Equipment Transporter System (HETS) consists of the M1070 Truck Tractor and the M1000 Semi-trailer. Together, they form a system whose primary mission is to transport main battle tanks and other heavy equipment. The HETS continues to provide the only tactical transportation and evacuation support for the main battle tank and other heavy tracked combat vehicles. The M1070/M1000 HETS also has the capability to self-load and unload disabled tanks. The total HETS procured through FY02 will be 2,341 systems. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

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

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army / 1	1/		P-1 Line I HEAVY E	item Nomenclatur QUIPMENT TRANS	e: Sporter sys (DV)	0012)	Weapon System	Гуре:	Date: Febru	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
System Hardware M1070 Tractor M1000 Trailer FRET	A	\$000 20704 17694 2484	Each 79 79	\$000 262 223	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
SubTotal		40882											
 ECPs Testing System Fielding Support Documentation Quality Assurance Support Program Management Support 		1681 359 854											
Total		43776											

Exhibit P-5a, Budget Procurement Hist	ory and Planning							Date: F	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syster	п Туре:			em Nomencl PMENT TRANS	lature: SPORTER SYS (DV0)	012)		
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
M1000 Trailer FY 2002 M1000 Trailer FY 2002	Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI TACOM, Warren, MI	Mar 02	Aug 02	79 79	262	Yes	N/A N/A	N/A
REMARKS:										

	FY 02 / 03 BUDGET PR	OD	UCTION	SCH	EDUL	E			Item N VY E0				ANSF	PORT	ER SY	YS (E	OV00	12)]	Date:			Fel	oruary	2003	3		
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		M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
M	1070 Tractor								\vdash	\dashv	\dashv		\dashv			\dashv										╁			╁			
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M	1000 Trailer																															
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		2	FY 02	NG	4	0	4			_			Α			_		1	1	1	1					\perp			┸			0
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1	Oshkosh Truck Corp., Oshkosh, WI		1.00		25.00	45.00	0		l	REO	RDER				0			6			5			11								
2	Systems & Electronics, Inc., St. Louis, MO		1.00		18.00	36.00	12	-	,	INITI	IAL				0			4			16			20]						
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sh	eet	Da	ite:	I	February 2003		
Appropriation/Budget Act Other Procurement, Army /1/7		vehicles				P-1 Item Non ARI		URITY VEHIC	CLES (ASV) (I	002800)		
Program Elements for Coc	le B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	34	21	24	20								99
Gross Cost	26.9	14.8	17.9	17.0								76.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	26.9	14.8	17.9	17.0								76.6
Initial Spares												
Total Proc Cost	26.9	14.8	17.9	17.0								76.6
Flyaway U/C												
Wpn Sys Proc U/C												

The Armored Security Vehicle (ASV) is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection and protection against landmines. The ASV accepts the MK-19 Grenade Machine Gun, the M-2 .50 caliber machine gun and the M249 5.56 mm Squad Automatic Weapon (SAW) machine gun. The ASV is transportable by C-130 and larger aircraft, rail, and marine transport modes, and is capable of carrying a crew of four. The vehicle has a diesel engine, automatic transmission, central tire inflation system, and a payload of 3,360 lbs. Additional survivability enhancements include: gas particulate ventilated face pieces, a multi-salvo smoke grenade launcher, a crew/engine compartment fire suppression system, an intercom system with radio interface, seamless armor and blackout capability. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY03 funds the last year of a 5-year multi-year contract. The program is not funded in FY04 and FY05, however fielding continues through FY05. The ASV is used by the Military Police (MP) to perform missions of security, battlefield circulation and law and order across the entire operational continuum. The ASV concept was approved in June 1987 under the Armored Family of Vehicles Operational and Organizational concept. The MPs will either conduct force protection and stabilization operations in a war environment. The revised Army Acquisition Objective (AAO) is 602.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army /	1/		P-1 Line I ARMORED	tem Nomenclature SECURITY VEHIO	e: CLES (ASV) (D0280	00)	Weapon System	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
Vehicle (D02800)	A	\$000 13715	Each 24	\$000 571	\$000 11456	Each 20	\$000 573	\$000	Each	\$000	\$000	Each	\$000
Engineering Changes Non-Recurring Cost Testing - Govt Documentation System Technical Support (STS) Engineering Spt (In-House) Fielding Support Project Management Support	A	15/15 225 1200 215 153 909 295 629 517	24	3/1	11436 183 600 218 104 1469 299 1519 1118	20	3/3						
Total		17858			16966								

Exhibit P-5a, Budget Procurement His	tory and Planning							Date: F	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon System	m Type:			em Nomencl ECURITY VEHIO	lature: CLES (ASV) (D02800	0)		
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 2002 FY 2003	New Orleans, LA	SSM-5(4) SS/Option SSM-5(5)	TACOM, Warren, MI TACOM, Warren, MI TACOM, Warren, MI	Feb 02 May 02 Dec 02	Mar 03 Jun 03 Mar 04	20 4 20	571 571 573	Yes Yes	N/A N/A N/A	N/A N/A N/A
REMARKS:										

	FY 01 / 02 BUDGET PR			Item N MORE				EHIC	CLES ((ASV) (D02	2800)]	Date:			Feb	ruary	2003								
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Ext	nibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	te:	F	Sebruary 2003		
Appropriation/Budget Ac Other Procurement, Army /1/		vehicles				P-1 Item Nom TRU		OR, LINE HAU	JL, M915/M91	16 (DA0600)		
Program Elements for Co	de B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty												
Gross Cost	454.1	51.5	46.4	49.5	45.8	33.0	27.4	27.7	16.4	19.7		771.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	454.1	51.5	46.4	49.5	45.8	33.0	27.4	27.7	16.4	19.7		771.6
Initial Spares	0.5											0.5
Total Proc Cost	454.6	51.5	46.4	49.5	45.8	33.0	27.4	27.7	16.4	19.7		772.1
Flyaway U/C												
Wpn Sys Proc U/C												

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

Justification:

The FY04/FY05 M915/916 funding is required to procure new trucks to modernize the current Army fleet and support activation of new National Guard and Army Reserve units. These new petroleum companies will add necessary fuel handling capability to support the modern battlefield. Without these new trucks, the petroleum units will be activated with Tanker Trailers and no trucks to haul them and the previous deficiency to supply fuel to move forces will continue. The 18-20 year-old M915/916 Truck Tractors are experiencing below the goal mission capable rates and are difficult and expensive to support due to their age. The new M915A3/M916A3 Truck Tractors will significantly improve readiness through high production rates and much improved truck technology.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren Tactical and su	nent, Army / 1	. /			tem Nomenclatur RACTOR, LINE HA	e: .UL, M915/M916 (D <i>i</i>	A0600)	Weapon System	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Frk, Tractor, Line Haul, M915A3 (D15900) Fruck, Tractor, LET, M916A3 (D19601)		42260 4160	325 19		41865 7590	315 38		28648 17124	210 92		16030 17012		
11000, 110001, 221, 1121012 (212001)		1100	17		7370	30		1/121	, , ,		17012	0,	
Total		46420			49455			45772			33042		

Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	te:	I	February 2003		
Appropriation/Budget Act Other Procurement, Army /1/1	-	vehicles				P-1 Item Nom TRU		OR, LINE HAU	JL, M915A2 ((D15900)		
Program Elements for Cod												
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	6213	391	325	315	210	100	100	100				7754
Gross Cost	402.0	51.5	42.3	41.9	28.6	16.0	16.4	16.7				615.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	402.0	51.5	42.3	41.9	28.6	16.0	16.4	16.7				615.5
Initial Spares	0.2											0.2
Total Proc Cost	402.2	51.5	42.3	41.9	28.6	16.0	16.4	16.7				615.7
Flyaway U/C												
Wpn Sys Proc U/C												

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

Justification:

FY04/FY05 funding of M915A3s will provide prime-mover capability to newly activated Petroleum Transportation Companies organized as a result of a Desert Storm deficiency (inability of companies to transport large volumes of petroleum) and to provide vehicles to fill requirements in selected National Guard and Army Reserve units. Without these new trucks, the petroleum units will be activated with 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. Several new commercial truck technologies have been or will be incorporated in the M915A3. Some examples are Collision Warning System, Lube-Free Drive Shaft, Low-Lube Fifth Wheel, Electronic Transmission, etc. The Army's Acquisition Objective is 6,956.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army /	1 /			tem Nomenclature RACTOR, LINE HA	e: UL, M915A2 (D159	00)	Weapon System 7	Гуре:	Date: Febru	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
Hardware - M915A3		\$000 33971	Each 325	\$000 105	\$000 34335	Each 315	\$000 109	\$000 23520	Each 210	\$000 112	\$000 11600	Each 100	\$000 116
Federal Excise Tax		33971 4262	323	105	34333 4210	313	109	23320 2822		112	1510		110
Documentation		2050			400								
Engineering - In House		400			450			450			450		
Quality Support		200			200			250			250		
Program Management Support		827			950			784			859		
Engineering Change Proposals		365			580			425 397			450		
System Fielding Support		185			740			397			911		
Total		42260			41865			28648			16030		

Exhibit P-5a, Budget Procure	ment History and Planning							Date: F	ebruary 2	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vel	nicles	Weapon Syster	n Type:		P-1 Line Ite TRUCK, TRAC		elature: AUL, M915A2 (D159	00		
VBS 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 Issu Date
Hardware - M915A3										
FY 2002	Freightliner Corporation Portland, OR	CFP RQ7(2)	TACOM, Warren, MI	Feb 02	Aug 02	315	105	YES	N/A	N/A
FY 2002	Freightliner Corporation Portland, OR	CFP RQ7(2)	TACOM, Warren, MI	Jun 02	Feb 03	10	105	YES	N/A	N/A
FY 2003	Freightliner Corporation Portland, OR	CFP RQ7-3A	TACOM, Warren, MI	Dec 02	Jun 03	304	109	YES	N/A	N/A
FY 2003	Freightliner Corporation Portland, OR	CFP RQ7-3B	TACOM, Warren, MI	Jun 03	Feb 04	11	109	YES	N/A	N/A
FY 2004	Freightliner Corporation Portland, OR	CFP RQ7(4)	TACOM, Warren, MI	Dec 03	Jun 04	210	112	YES	N/A	N/A
FY 2005	Freightliner Corporation Portland, OR	CFP RQ/(5)	TACOM, Warren, MI	Dec 04	Jun 05	100	116	YES	N/A	N/A
EMARKS:										
EMARKS:										

	FY 02 / 03 BUDGET PRO	DU	JCTION	SCH	(EDUL)	E			tem N CK, T				E HAU	UL, N	Л 915 <i>А</i>	A2 (D	1590	0)]	Date:			Febr	ruary 2	2003			
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Ha	ırdware - M915A3	+																								\vdash						
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	te:	F	Sebruary 2003		
Appropriation/Budget Act Other Procurement, Army /1/		vehicles				P-1 Item Nom TRU		T EQ TRANS	, 6 X 6, M916.	A1 (D19601)		
Program Elements for Coo	de B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	770		19	38	92	89	55	55	83	97		1298
Gross Cost	52.1		4.2	7.6	17.1	17.0	11.0	11.0	16.4	19.7		156.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	52.1		4.2	7.6	17.1	17.0	11.0	11.0	16.4	19.7		156.1
Initial Spares	0.3											0.3
Total Proc Cost	52.4		4.2	7.6	17.1	17.0	11.0	11.0	16.4	19.7		156.4
Flyaway U/C												
Wpn Sys Proc U/C												

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

Justification:

In FY04/FY05, the M916A3 Truck Tractor will replace overage (18-20 years old) M916 Truck Tractors in the War Reserves, newly activated Petroleum, Oil, and Lubricant (POL) Supply Companies, Fire Truck Companies, and Engineer Battalions. The Army's Acquisition Objective is 2,358.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army /	1/		P-1 Line I TRUCK, T	Item Nomenclaturo RAC, LT EQ TRAN:	e: S, 6 X 6, M916A1 (E	019601)	Weapon System	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1 X 1 X 1 X 1 X 1 X 1 X 1 X 1 X 1 X 1 X		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
 Hardware - M916A3 Federal Excise Tax Program Management Support Engineering Change Proposals System Fielding Support 		2887 390 200 200 483	19	152	5871 793 250 250 426		155	14536 1745 250 284 309	92	158	14418 1750 300 287 257		162
Total		4160			7590			17124			17012		

Exhibit P-5a, Budget Procure Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support veil		Weapon Syste	т Туре:		P-1 Line It		lature: 8S, 6 X 6, M916A1 (E		ebruary 2	.003
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 Issu Date
1. Hardware- M916A3										
FY 2002	Freightliner Corporation Portland, OR	CFP RQ7(2)	TACOM, Warren, MI	Feb 02	Aug 02	19	152	YES	N/A	N/A
FY 2003	Freightliner Corporation Portland, OR	CFP RQ7-3A	TACOM, Warren, MI	Dec 02	Jun 03	36	155	YES	N/A	N/A
FY 2003	Freightliner Corporation Portland, OR	CFP RQ7-3B	TACOM, Warren, MI	Jun 03	Jul 03	2	155	YES	N/A	N/A
FY 2004	Freightliner Corporation	CFP RQ7(4)	TACOM, Warren, MI	Dec 03	Jun 04	92	158	YES	N/A	N/A
FY 2005	Portland, OR Freightliner Corporation Portland, OR	CFP RQ7(5)	TACOM, Warren, MI	Dec 04	Jun 05	89	162	YES	N/A	N/A
	,									
EMARKS:										

	FY 02 / 03 BUDGET PRO)D	UCTION	SCH	EDUL	E			tem N CK, T				RANS	5, 6 X	6, M9	16A1	(D19	9601)					I	Date:			Feb	ruary 2	2003			
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Ex	hibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Г	ate:	I	February 2003		
Appropriation/Budget Ad Other Procurement, Army / I		vehicles				P-1 Item Non Tow		5th Wheel (D15	901)			
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty			66	40								106
Gross Cost			3.1	2.0								5.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			3.1	2.0								5.0
Initial Spares												
Total Proc Cost			3.1	2.0								5.0
Flyaway U/C												
Wpn Sys Proc U/C												

The Fifth Wheel Towing Device (FWTD) is a system that attaches to a tractor's fifth wheel converting it into a towing/recovery vehicle. The device transforms a Truck Tractor into an evacuation vehicle capable of recovery; lift-towing or flat-towing another disabled truck. It is capable of lifting up to 30,000 pounds and towing up to 120,000 pounds. When the FWTD is not in use, it can be dismounted and the tractor can perform its normal trailer-towing mission. The FWTD was type classified in FY02 and Full Materiel Release was approved in first quarter FY03. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

Funding through FY03 procures FWTDs to perform forward recovery missions in Ordnance, Transportation and Engineer Units. It is needed to supplement organic evacuation and towing assets. It also provides a unit the capability to recover vehicles without the use of a wrecker, especially in Line Haul missions. It provides worldwide service to evacuate, tow, deliver and limited recovery capability. 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. POM FY04-FY09 SSN D15901 moved to SSN D09900, Towing Device-Fifth Wheel.

Ext	nibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	te:	F	February 2003		
Appropriation/Budget Ac Other Procurement, Army /1/		vehicles				P-1 Item Nom TRU		OR, YARD TY	PE, M878 (C/	S) (D16000)		
Program Elements for Co	de B Items:			Code: A	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	270		28	28	5	29	21	14	34			429
Gross Cost	16.6		3.9	4.8	1.0	3.7	2.9	3.4	5.2			41.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	16.6		3.9	4.8	1.0	3.7	2.9	3.4	5.2			41.4
Initial Spares												
Total Proc Cost	16.6		3.9	4.8	1.0	3.7	2.9	3.4	5.2			41.4
Flyaway U/C												
Wpn Sys Proc U/C				·								

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

Justification:

FY04/FY05 funding procures 34 M878A2s required to replace overage M878 and M878A1 vehicles, to fill existing shortages, and to provide vehicles for newly created Cargo Transfer Companies. The Army requires these trucks to deploy from ships in preparation for forward movement. 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/B Other Procuren Tactical and su	nent, Army / 1	1/		P-1 Line I TRUCK, T	tem Nomenclature RACTOR, YARD T	e: YPE, M878 (C/S) (D	16000)	Weapon System T	Гуре:	Date: Februa	nry 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	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
Vehicle (Hardware) Technical Manuals		2657 400	28	95	2657	28	95	520	5	104	3016	29	104
Engineering - In House		75			100			100			150		
Program Management Support		205			350			230			275		
System Fielding Support		100			368			129			228		
Testing (Operational) Yuma Pr Gd		293			97			127			220		
Engineering Change Proposals		84			1080								
New Equipment Training		50			100								
1 1 3													
Total		3864			4752			979			3669		
1 0tai		3804			4/52			9/9			3009		

ppropriation/Budget Activity/Serial No: ther Procurement, Army / 1 / Tactical and suppor	t vehicles	Weapon Syste	т Туре:		P-1 Line It		lature: YPE, M878 (C/S) (D	16000)		
/BS 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 Issu Date
Vehicle (Hardware)										
FY 2002	Crane Corporation Tulsa, OK	SSFPRQ4(1)	TACOM, Warren, MI	Dec 02	May 03	28	95	Yes	N/A	N/A
FY 2003	Crane Corporation Tulsa, OK	SSFPRQ4(1)	TACOM, Warren, MI	Dec 02	Nov 03	28	95	Yes	N/A	N/A
FY 2004	Crane Corporation Tulsa, OK	SSFPRQ4(2)	TACOM, Warren, MI	Dec 03	May 04	5	104	Yes	N/A	N/A
FY 2005	Crane Corporation Tulsa, OK	SSFPRQ4(3)	TACOM, Warren, MI	Dec 04	May 05	29	104	Yes	N/A	N/A
EMARKS:										

	FY 03 / 04 BUDGET PRO	OD [°]	UCTION	SCH	EDUL	E				Nomer ΓRAC			D TY	YPE, M	1878 ((C/S)	(D16	5000)]	Date:			Feb	ruary	2003			
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	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Ve	hicle (Hardware)														_	+													┢			
		1	FY 02	A	28	0	28			Α					5	5	5	5	5	3									Т	\Box		0
		1	FY 03	A	28	0	28	Г		A									J		5	5	5	5 5	5 5	3	3		Г			0
		1	FY 04	A	5	0	5															A						5	Г			0
		1	FY 05	A	29	0	29																									29
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M			PRO	DDUCTI	ON RATES			M	FR						ADM	INLEA	AD TI	IME			MFR			ТОТА	L	R	EMAF	RKS				
F							REACHED	Nur	nber					Pric	or 1 Oc	t	Aft	ter 1 O	ct	Af	iter 1 C	Oct	A	fter 1 (Oct							
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	FY 05 / 06 BUDGET PRO)D	UCTION	SCH	(EDUL)	E			tem N CK, T				D TY	/PE, l	M878	(C/S) (D1	6000)]	Date:			Feb	ruary 2	2003			
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				ç	PROC	ACCED	BAL								Cal	enda	r Yea	r 05							(Calen	dar Y	ear 0	6			L
	COST ELEMENTS R	F	FY	S E R V	QTY Each	ACCEP PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
Ve	hicle (Hardware)	-																														
	1	1	FY 02	A	28	28	0			\neg																						0
	1	_	FY 03	A	28	28	0			\neg																						0
	1	_	FY 04	A	5	5	0																									0
	1	_	FY 05	A	29	0	29			Α					6	6	6	6	5													0
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M			PRO	ODUCTI	ON RATES			MI	FR						ADM	MINLE	EAD T	IME			MFR		,	ТОТА	L	R	EMAR	KS				
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R	NAME/LOCATION	_	MIN.		-8-5	MAX.	D+			INIT	IAL				0			11			5			16		1						
1	Crane Corporation, Tulsa, OK	_	2.00		2.00	10.00	0	1		REO	RDER				0			3			5			8		4						
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$\mathbf{E}\mathbf{x}$	hibit P-40	, Budge	t Item J	ustificat	tion She	eet	Da	te:	F	Sebruary 2003		
Appropriation/Budget Ao Other Procurement, Army /		vehicles				P-1 Item Nom HVY		O MOBILE TA	.CTICAL TRU	JCK EXT SEF	RV PROG (DV	0021)
Program Elements for Co	ode B Items:			Code: A	Other Relate	ed Program Ele	ements:				·	·
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	126	112	165	616	139	102	354	451	691	615		3371
Gross Cost	17.5	20.8	30.6	116.3	24.8	19.6	77.1	97.7	157.4	145.4		707.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	17.5	20.8	30.6	116.3	24.8	19.6	77.1	97.7	157.4	145.4		707.3
Initial Spares												
Total Proc Cost	17.5	20.8	30.6	116.3	24.8	19.6	77.1	97.7	157.4	145.4		707.3
Flyaway U/C												
Wpn Sys Proc U/C												

The Heavy Expanded Mobility Tactical Truck Extended Service Program (HEMTT-ESP) is one of the Army's Vice Chief of Staff of The Army (VCSA) approved RECAP programs and is critical to the effort to increase HEMTT fleet readiness. HEMTT RECAP remanufactures and upgrades existing HEMTT vehicles with insertion of new technologies to reduce the logistics burden and reduce life cycle costs. HEMTT RECAP is critical because it upgrades the Army's first-to-fight units that currently have the oldest HEMTTs in the fleet. The RECAP program reduces emissions, improves fuel economy, increases reliability, and improves safety and performance. These upgrades include a new electronically-controlled engine and transmission, bolt-together wheels, increased corrosion prevention, and 4 point seatbelts. This program produces a "like-new" vehicle with a full new vehicle warranty. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures upgrades for 241 HEMTT variants, includes 5 M985A2R1 Cargos, 135 M1022A2R1 LHSs, 91 M983A2R1 Tractors, and 10 M985E1 Guided Missile Transporters (GMT). This completes the upgrade of two PATRIOT Battalions, and continues the upgrade of the Counter Attack Corps' (1st Cavalry Division) HEMTTs and fills interchange requirements for M1022 HEMTT Load Handling System (LHS). The HEMTT ESP program is the Army's only source for production of the M1022 HEMTT 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 Stryker 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/E Other Procurer Tactical and su	nent, Army /	1/			tem Nomenclature ANDED MOBILE TA 0021)			Weapon System	Гуре:	Date: Februa	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	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 ESP M984A2R1 Wrecker HEMTT ESP M978A2R1 Tanker HEMTT ESP M1022A2R1 LHS HEMTT ESP M985A2R1 Cargo HEMTT ESP M983A2R1 Tractor HEMTT M977A2R1 Cargo HEMTT ESP M985E1 GMT	A A	21245 2936 810	141 19 5	151 155 162	22853 34476 18640 30036 2547 1816 924	116	198 208 161 162 142 182 185	14198 874 6961 970	83 5 46 5	175 151	9535 7308 1018	52 45 5	183 162 204
Subtotal		24991			111292			23003			17861		
 Engineering Changes Government Testing - ATC Documentation Engineering Support - Government Quality Assurance Supt - Government Special Tools System Fielding Support PM Support 		527 1036 1202 160 108 150 1468 939			2131 350 50 176 133 267 1643 263			460 150 50 179 136 61 531 268			432 350 50 182 138 48 312 273		
Total		30581			116305			24838			19646		

Exhibit P-5a, Budget Procurement	History and Planning							Date: F	ebruary 2	:003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syster	m Type:			em Nomenc DED MOBILE T	lature: ACTICAL TRUCK	EXT SERV I	PROG (DV00	21)
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 Iss Date
1. Hardware										
FY 2002	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Mar 02	May 02	141	151	Yes	N/A	N/A
FY 2002	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	May 02	Jun 02	19	155	Yes	N/A	N/A
FY 2002	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM, Warren, MI	Feb 03	Aug 03	5	162	Yes	N/A	N/A
FY 2003	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Dec 02	Jul 03	300	178	Yes	N/A	N/A
FY 2003	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY3	TACOM, Warren, MI	Jan 03	Aug 03	316	178	Yes	N/A	N/A
FY 2004	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY4	TACOM, Warren, MI	Jan 04	Aug 04	139	185	Yes	N/A	N/A
FY 2005	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY5	TACOM, Warren, MI	Jan 05	Aug 05	102	173	Yes	N/A	N/A
REMARKS: FY03 through FY05 unit cost represent a										

	FY 02 / 03 BUDGET PRO	OD [°]	UCTION	SCH	EDUL	E			Item N ZEXP.				LE TA	ACTIO	CAL T	ΓRUC	CK EX	XT SE	RV I	PROG	(DV	0021)		Date:			Feb	ruary 2	2003			
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	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
HE	EMTT ESP Vehicles	\dashv								\dashv																┢						
		1	FY 02	A	141	0	141						А		19	8	8	27	19	16	5	4	9	10	g) 7	7					0
		1	FY 02	A	19	0	19								A	4	5							9		Т						0
		1	FY 02	A	5	0	5																	A						2	3	0
		1	FY 03	A	300	0	300															A				Г			25	25	25	225
		1	FY 03	A	316	0	316																A							26	26	264
		1	FY 04	A	139	0	139																									139
		1	FY 05	A	102	0	102																									102
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M			PRO	DDUCTI	ON RATES			MI	FR						ADM	4INLE	EAD T	IME			MFR			TOTA	L	R	EMAR	KS				
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1	Oshkosh Truck Corp. (OTC), Oshkosh, WI		1.00		60.00	100.00	12	1	l	REO	RDER				0			4			7			11								ent and
										INIT	ΊAL															_		-			cont	ractor's
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	FY 04 / 05 BUDGET PRO	FY 04 / 05 BUDGET PRODUCTION SCHEDULE									ıclatuı ED M		E TA	CTIC	CAL T	RUC	K EX	KT SE	RV F	PROG	i (DV	0021)		Date:			Febr	ruary 2	2003			
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				c	PROC	ACCED	BAL								Cale	endar	· Yea	r 04							(Calen	dar Y	ear 0	5			L
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	ACCEP PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
HE	EMTT ESP Vehicles	_								\dashv			\dashv													\vdash						
		1	FY 02	A	141	141	0						\neg													Т				П		0
		1	FY 02	A	19	19	0						\neg													Г						0
		1	FY 02	A	5	5	0						\neg													Г						0
		1	FY 03	A	300	75	225	25	25	25	25	25	25	25	25	25																0
		1	FY 03	A	316	52	264	26			26					_	30															0
		1	FY 04	A	139	0	139				A							12	12	12	12	12	12	12	11	11	11	11	11			0
		1	FY 05	A	102	0	102																A							9	9	84
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M			PRO	ODUCTI	ON RATES			MF	R						ADM	IINLE	AD T	IME			MFR			ТОТА	L	R	EMAR	KS				
F							REACHED	Nun	ıber					Pri	or 1 O	ct	Af	iter 1 C)ct	Ai	fter 1 (Oct	A	fter 1 C	Oct	J						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INITI	IAL				0			5			5			10]						
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI		1.00		60.00	100.00	12	1		REO	RDER				0			4			7			11								
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	FY 06 / 07 BUDGET PRO	OD	UCTION	SCH	EDUL	E					ıclatur ED M		E TA	.CTIC	CAL T	ΓRUC	СК ЕХ	XT SE	RV F	PROG	i (DV	0021		Date:			Fel	ruary	2003			
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		M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
HE	EMTT ESP Vehicles												\dashv													╁			H			
		1	FY 02	A	141	141	0																									0
		1	FY 02	Α	19	19	0																									0
		1	FY 02	A	5	5	0																									0
		1	FY 03	A	300	300	0																			┸						0
			FY 03	A	316	316	0			_			_										L		\perp	┺	\perp					0
		_	FY 04	A	139	139	0						_										_		_	┺	_					0
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R	NAME/LOCATION		MIN.	1	1-8-5	MAX.	D+		_	INIT	IAL			- 11	0			5	-		5			10		1						
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI		1.00		60.00	100.00	12	1			RDER				0			4			7			11								
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Ex	hibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Γ	Oate:	I	February 2003		
Appropriation/Budget Ad Other Procurement, Army / I	•	vehicles				P-1 Item Non LIN	nenclature E HAUL ES	P (DV0011)				
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	190	402	62									654
Gross Cost	17.1	32.5	9.0									58.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	17.1	32.5	9.0									58.7
Initial Spares												
Total Proc Cost	17.1	32.5	9.0									58.7
Flyaway U/C												
Wpn Sys Proc U/C												

The Line Haul Truck Tractor (M915A4) is an upgrade to the over twenty year old M915 Line Haul Tractor and is primarily found in Medium Transportation Companies. It is used as a prime mover to transport break bulk cargo, 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. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY02 is the last year of funding for the M915A4 Line Haul ESP.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army /	1/		P-1 Line I LINE HAU	tem Nomenclatur L ESP (DV0011)	e:		Weapon System	Гуре:	Date: Febru	ary 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
Hardware - M915A4 Application of Kits Engineering Change Proposals Documentation Engineering - In House Program Management Support System Fielding Support Component Assy/Disassembly at Depots Transportation		\$000 4331 550 650 1627 250 300 381 656 250	Each 62	\$000 70	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Total		8995											

Exhibit P-5a, Budget Procurement H	story and Planning							Date:	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syste	т Туре:		P-1 Line It		lature:			
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 2002	Freightliner Portland, OR	CFP RQ5(5)	TACOM, Warren, MI	Mar 02	Jun 02	62	70	YES	N/A	N/A
REMARKS:										

	FY 01 / 02 BUDGET PI	ROD	UCTION	SCH	IEDUL	E				Nomer UL ES		re: V001	1)]	Date:			Feb	ruary	2003			
												Fis	scal Y	Year 0										F	iscal							T
		M	FY	S E	PROC QTY	ACCEP PRIOR	BAL DUE	0	N	D	т	E.	М	۸		endar T			c	0	NI	Б	,	Б		_	idar !			٨	c	L A T
	COST ELEMENTS	F R		R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U N	J U L	A U G	S E P	E R
Н:	ardware - M915A4															\dashv										⊢				\Box		
		1	FY 02	A	62	0	62																		A			32	30)		0
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To	otal				62		62																			L		32	30			
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M			PR	ODUCTI	ON RATES			Ml	FR						ADM	IINLE	AD T	IME			MFR			ТОТА	L	R	EMAR	KS				
F							REACHED	Nun	nber					Pri	or 1 O	ct	Af	ter 1 O	ct	Ai	iter 1 C	Oct	A	fter 1	Oct	4						
R 1	NAME/LOCATION Freightliner, Portland, OR		MIN. 5.00		1-8-5 35.00	MAX. 50.00	D+ 7	1	1	INIT REO	TAL RDER				0	\dashv		3			10			13 6		1						
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Ext	nibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	ate:	F	ebruary 2003		
Appropriation/Budget Ac Other Procurement, Army /1/	•	vehicles				P-1 Item Nom MO		I OF IN SVC E	QUIP (DA092	4)		
Program Elements for Co	de B Items:			Code: A	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty												
Gross Cost	165.3	42.0	55.1	71.3	57.1	21.9	4.9	4.9	10.5	10.2		443.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	165.3	42.0	55.1	71.3	57.1	21.9	4.9	4.9	10.5	10.2		443.2
Initial Spares												
Total Proc Cost	165.3	42.0	55.1	71.3	57.1	21.9	4.9	4.9	10.5	10.2		443.2
Flyaway U/C												
Wpn Sys Proc U/C												

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 3-Point Seatbelts, HMMWV M996 3-Point Seatbelts, 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 Tank Automotive & Armaments Command (TACOM) managed systems that use split rim design wheels. Of those accidents, 30 were specifically attributed to the HEMTT fleet, which also accounted for two fatalities during 1999-2000. The PLS Trailer Wheel Modification also retrofits fielded trailers with a safer two-piece bolt together wheel design. The HEMTT/PLS 4-Point Seatbelt modification path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures modifications for the M939 Tire Improvement, M939 Anti-Lock Brake System, HMMWV 3-Point Seatbelt modifications, and the HEMTT Wheel 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-feet 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 2-point to the 3-point seatbelt will reduce injury associated with accidents by reducing the severity of injuries and fatalities. FY04/FY05 funding for the HEMTT Wheel Modification retrofits 6,133 HEMTT Trucks with the safer bolt-together wheel and tubeless tire configuration, significantly reducing the safety risk associated with the split-ring wheel configuration.

Exhibit P-40M, I	Budget Item Justificat	ion Sheet				Dat	e:	F	ebruary 2003		
Appropriation/Budget Activity Other Procurement, Army	y/Serial No: /1/Tactical and support vehicles				P-1 Item Nomeno	lature	MODIFICAT	ION OF IN SVC E	QUIP (DA0924)		
Program Elements for Code B	3 Items:		Code: A	Other Related I	Program Elements:						
Description		Fiscal Years									
OSIP NO.	Classification	2002 & PR	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	TC	Total
HMMWV 3-PT Seatbelt											
1-92-06-4401	Safety	29.3	1.7	0.0	4.3	4.9	2.9	0.0	0.0	0.0	43.1
M939 Tire Improvement											
1-97-06-4532	Safety	50.6	5.7	4.8	0.0	0.0	0.0	0.0	0.0	12.6	73.7
M939 Anti-Lock Brake Sy	rstem (ABS)										
1-97-06-4533	Safety	41.2	5.2	4.5	0.0	0.0	0.0	0.0	0.0	15.2	66.1
HMMWV Rear Differentia	al Oil Cooler										
1-98-06-4551	Safety	4.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
HEMTT Wheel Modificati	ion										
1-00-06-0003	Urgent	10.6	41.1	41.1	17.6	0.0	0.0	0.0	0.0	0.0	110.4
A8020 Fuel Injection Test	Stand Upgrade										
0-00-00-0000		7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
Aluminum Mesh Liner											
0-00-00-0000		11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
M872 Modification Hardw	vare										
1-01-06-0007	Special Purpose Mod	0.0	8.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	15.4
HEMTT/PLS 4-Point Seath	belt										
0-00-00-0000	Safety	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
PLS Trailer Wheel Modific	cation										
2-02-06-0001	Safety	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5

Exhibit P-40M,	Budget Item Justific	ation Sheet				Date	e:	F	ebruary 2003		
Appropriation/Budget Activ Other Procurement, Arm	vity/Serial No: ny /1/Tactical and support vehicles				P-1 Item Nomeno	lature	MODIFICATI	ON OF IN SVC E	QUIP (DA0924)		
Program Elements for Code	e B Items:		Code: A	Other Related I	Program Elements:						
Description		Fiscal Years									
OSIP NO.	Classification	2002 & PR	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	TC	Total
HMMWV 3PT Seatbelts	s-M996 Mini Ambulance										
1-01-06-0004	Safety	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
HMMWV 3PT Seatbelts	s-M997 Maxi Ambulance										
1-01-06-0005	Safety	0.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
High Mobility Trailer M	IWOs										
0-00-00-0000	Urgent	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
HMMWV B-PILLAR P.	AD										
0-00-00-0000	Safety	0.0	0.0	0.0	0.0	0.0	2.0	1.3	0.0	0.0	3.3
HMMWV Geared Hub I	Locknut Washer										
0-00-00-0000	Safety	0.0	0.0	0.0	0.0	0.0	0.0	9.2	10.2	6.5	25.9
Totals		158.1	71.3	57.1	21.9	4.9	4.9	10.5	10.2	34.3	373.2

Date:

February 2003

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

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

DESCRIPTION/JUSTIFICATION:

The three-point seatbelt safety modification will be applied to the front and rear seats on all basic armor and non-armor High Mobility Multi-purppose Wheeled Vehicle (HMMWV) models. This three-point seatbelt is safer and more effective restraint system than the two-point seatbelt and it will reduce the severity of injuries and fatalities and is a significant safety enhancement. Total requirement is for 76,815 front, rear seatbelt and Armor kits plus 1,318 template kits.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The three point seatbelts were added to the High Mobility Multi-purpose Wheeled Vehicles (HMMWV) in response to increased safety regulations. The three point seatbelt system was put into all vehicle models beginning with 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:

Inputs Outputs

Pr Yr		FY 2	003			FY 2	2004			FY 2	2005			FY 2	006			FY 2	.007	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
55083	996	996	939	939	939	939				1093	1093	1093	1093	1093	1093	1093	1093	1072	1072	1072
55083	996	996	939	939	939	939				1093	1093	1093	1093	1093	1093	1093	1093	1072	1072	1072

		FY 2	2008			FY	2009			F	Y 2010				FY	2011		То	Totals
	1	2	3	4	1	2	. 3	3	4	1	2	3	4	1	2	3	3 4	Complete	
Inputs	1072	1072	940	940															76815
Outputs	1072	1072	940	940															76815

METHOD OF IMPLEMENTATION: Contract Dates:

Depot field team FY 2004 ADMINISTRATIVE LEADTIME: FY 2005

0 Months

PRODUCTION LEADTIME: FY 2006

0 Months

Delivery Date:

FY 2004

FY 2005

FY 2006

Date:

February 2003

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

	FY	2002																		
	and	Prior	FY 2	2003	FY:	2004	FY :	2005	FY 2	2006	FY 2	2007	FY :	2008	FY :	2009	T	C	ТОТ	AL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	0																			
Procurement	0																			
Kit Quantity	0																			
Installation Kits	76815	13.9																	76815	13.9
Installation Kits, Nonrecurring	0																			
Equipment	0																			
Equipment, Nonrecurring	0																			
Engineering Change Orders	0																			
Data	0																			
Training Equipment	0																			
Support Equipment	0																			
Other	0																			
Interim Contractor Support	0																			
Installation of Hardware	0																			
FY2002 & Prior Equip Kits	54504	15.4																	54504	15.4
FY2003 Equip Kits	0		2571	1.7															2571	1.7
FY2004 Equip Kits	0																			
FY2005 Equip Kits	0						7102	4.3											7102	4.3
FY2006 Equip Kits	0								7943	4.9									7943	4.9
FY2007 Equip Kits	0										4695	2.9							4695	2.9
FY2008 Equip Kits	0																			
FY2009 Equip Kits	0																			
TC Equip- Kits	0																			
Total Installment	54504	15.4	2571	1.7		0.0	7102	4.3	7943	4.9	4695	2.9		0.0		0.0		0.0	76815	29.2
Total Procurement Cost		29.3		1.7		0.0		4.3		4.9		2.9		0.0		0.0		0.0		43.1

Date:

February 2003

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

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

DESCRIPTION/JUSTIFICATION:

The Non-Directional Cross Country (NDCC) tire was engineered for cross-country applications prior to WWII and is neither compatible nor safe for highway driving. For the past six years, the M939 Series Trucks have been operating under Safety of Use Message (SOUM) 98-07 limiting the highway speed to 40-mph in an attempt to limit accidents, injuries, and fatalities occurring under this scenario. Changes in vehicle speeds, road construction, mission requirements, as well as advances in tire technology have made this tire obsolete. This modification will change the tires from the current bias ply NDCC to a radial tire designed for on/off highway usage. Recent improvements in radial tire design will provide better traction and mobility, which will enhance system safety. The 11,700 basic M939 series trucks are having their NDCC or other type bias tires upgraded to radial tires. Operating and support will also be significantly reduced. Economic Analysis Report 03-84-01 shows that the annual cost for bias tires is \$1,069; radial tires is \$737. This is a \$332 annual savings per truck, or \$3.9M per year (11700 x \$332). The accident scenario for M939 basic trucks with NDCC tires occurs during panic stop situations and is worsened on wet pavement. In panic stop situations on wet pavement the front wheels lock up. The NDCC 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 2	2003			FY 2	2004			FY 2	2005			FY 20	06			FY 2	007	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	5988	630	630	266	266	267	267	468	468												
Outputs	5358	630	630	630	266	266	267	267	468	468											
		FY 2	2008			FY 2	2009			FY 2	2010			FY 20	011			To			Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	(Complete			
Inputs																		2450			11700
Outputs																		2450			11700
METHOD OF IMPLEME	ENTATION	J: (Contracto	or		ADMINIS	STRATIV	'E LEAD	TIME:		3 Months	;		PRODUC'	ΓΙΟΝ LEA	DTIM	Е:	2 Months			
Contract Dates:]	FY 2004	Ja	ın 04]	FY 2005						FY 2006							
Delivery Date:]	FY 2004	M	lar 04]	FY 2005						FY 2006							

Date:

February 2003

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

	FY 2	2002																		
	and I	Prior	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	FY 2	2008	FY 2	2009	Т	C	ТОТ	ΓAL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	0																			
Procurement	0																			
Kit Quantity	0																			
Installation Kits	7248	28.8	1066	4.2	936	3.4											2450	8.6	11700	45.0
Installation Kits, Nonrecurring	0																			
Equipment	0																			
Equipment, Nonrecurring	0																			
Engineering Change Orders	0																			
Data	0																			
Training Equipment	0																			
Support Equipment	0																			
Other (Testing, PM/Eng Spt)	0	4.5		0.1		0.1												0.5		5.2
Interim Contractor Support	0																			
Installation of Hardware	0																			
FY2002 & Prior Equip Kits	7248	17.3																	7248	17.3
FY2003 Equip Kits	0		1066	1.4															1066	1.4
FY2004 Equip Kits	0				936	1.3													936	1.3
FY2005 Equip Kits	0																			
FY2006 Equip Kits	0																			
FY2007 Equip Kits	0																			
FY2008 Equip Kits	0																			
FY2009 Equip Kits	0																			
TC Equip- Kits	0																2450	3.5	2450	3.5
Total Installment	7248	17.3	1066	1.4	936	1.3		0.0		0.0		0.0		0.0		0.0	2450	3.5	11700	23.5
Total Procurement Cost		50.6		5.7		4.8		0.0		0.0		0.0		0.0		0.0		12.6		73.7

Date:

February 2003

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

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

DESCRIPTION/JUSTIFICATION:

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

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Products Specification Available - Oct 98 Developmental Test & Evaluation - 1 Oct 96 - 30 Sep 97 Hardware Procurement - 17 May 99 Hardware Application - Jan 00 - Dec 05

Installation	n Schedule:
--------------	-------------

Inputs
Outputs

Inputs Outputs

Pr Yr		FY 2	2003			FY 2	2004			FY:	2005			FY	2006			FY	2007	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
17032	1834	1834	625	625	785	785	990	990												
15198	1834	1834	1834	625	625	785	785	990	990											

	FY 2	2008			FY :	2009			FY 2	2010			FY :	2011		To	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
																6500	32000
																6500	32000

METHOD OF IMPLEMENTATION:	Contractor		ADMINISTRATI	VE LEADTIN	ME:	3 M	onths	PRODUC	TION LI	EADTIM	E: 2 Months	
Contract Dates:	FY 2004	Jan 04		FY 2005				FY 2006				
Delivery Date:	FY 2004	Mar 04		FY 2005				FY 2006				

Date:

February 2003

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

	FY :	2002																		
	and l	Prior	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	FY 2	2008	FY:	2009	T	C	ТОТ	ΓAL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	0																			
Procurement	0																			
Kit Quantity	20700	16.5	2620	2.0	2180	1.8											6500	6.5	32000	26.8
Installation Kits	0																			
Installation Kits, Nonrecurring	0																			
Equipment	0																			
Equipment, Nonrecurring	0																			
Engineering Change Orders	0																			
Data	0																			
Training Equipment	0																			
Support Equipment	0																			
Other (Testing, PM/Eng Supt)	0	4.5		0.6		0.5												0.5		6.1
Interim Contractor Support	0																			
Installation of Hardware	0																			
FY2002 & Prior Equip Kits	20700	20.2																	20700	20.2
FY2003 Equip Kits	0		2620	2.6															2620	2.6
FY2004 Equip Kits	0				2180	2.2													2180	2.2
FY2005 Equip Kits	0																			
FY2006 Equip Kits	0																			
FY2007 Equip Kits	0																			
FY2008 Equip Kits	0																			
FY2009 Equip Kits	0																			
TC Equip- Kits	0																6500	8.2	6500	8.2
Total Installment	20700	20.2	2620	2.6	2180	2.2		0.0		0.0		0.0		0.0		0.0	6500	8.2	32000	33.2
Total Procurement Cost		41.2		5.2		4.5		0.0		0.0		0.0		0.0		0.0		15.2		66.1

Date:

February 2003

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 High Mobility Multi-purpose Wheeled Vehicle (HMMWV) Rear Differential Oil Cooler is an "oil to oil" cooler using some excess heat capacity in the power steering cooler to cool the rear differential in conditions of high temperatures and high loading which may lead to oil break down and differential overheating and failure. In order to reduce cost of frequent replacement, a periodic oil change is being added to field maintenance actions. This represents an unacceptable burden on the user. The differential temperature issue is considered an 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)

Inputs	
Outputs	

Inputs

Pr Yr		FY 2	2003			FY:	2004			FY	2005			FY:	2006			FY:	2007	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1	965	965	965	1320																
	500	840	840	898	1138															

		FY 2	2008			FY	2009			FY 2	2010			FY 2	2011		To	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
ſ																		4216
																		4216

Outputs					
METHOD OF IMPLEMENTATION:	Contractor	ADMINISTRATIVE LEA			3 Months
Contract Dates:	FY 2004	FY 200:	5	FY 2006	
Delivery Date:	FY 2004	FY 200:	5	FY 2006	

Date:

February 2003

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

•		2002																		
	and F	Prior	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	FY 2	2008	FY 2	2009	T	C	TOT	`AL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	0																			
Procurement	0																			
Kit Quantity	4216	4.7																	4216	4.7
Installation Kits	0																			
Installation Kits, Nonrecurring	0																			
Equipment	0																			
Equipment, Nonrecurring	0																			
Engineering Change Orders	0																			
Data	0																			
Training Equipment	0																			
Support Equipment	0																			
Other	0																			
Interim Contractor Support	0																			
Installation of Hardware	0																			
FY2002 & Prior Equip Kits	1	0.0																	1	
FY2003 Equip Kits	0		4215	2.0															4215	2.0
FY2004 Equip Kits	0																			
FY2005 Equip Kits	0																			
FY2006 Equip Kits	0																			
FY2007 Equip Kits	0																			
FY2008 Equip Kits	0																			
FY2009 Equip Kits	0																			
TC Equip- Kits	0																			
Total Installment	1	0.0	4215	2.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	4216	2.0
Total Procurement Cost		4.7		2.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		6.7

Date:

February 2003

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 Heavy Expanded Mobility Tactical Truck (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 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. The FY02 funded wheel modification contract awards for retrofit wheels and tires was made Feb 02. Delivery of retrofit kits and start of kit installation began in May 02. The FY03 program was awarded in Dec 02 and will procure and install the retrofit kits on 4,231 HEMTTs. The program is being executed by Red River Army Depot (RRAD).

Installation Schedule:																					
	Pr Yr		FY 2	2003			FY 2	2004			FY 2	2005			FY 20	06			FY 2	2007	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3		4 1	2	3	4
Inputs	668	292	1058	1058	1058	1058	1143	1143	1143	1143	477	477	477	477							
Outputs	446	222	292	1058	1058	1058	1058	1143	1143	1143	1143	477	477	477	477						
		FY 2	2008			FY 2	009			FY 2	2010			FY 2	011			To			Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		Complete			
Inputs																					11672
Outputs																					11672
METHOD OF IMPLEME	ENTATION	I: 1	Depot/Co	ontractor T	eam	ADMINIS	TRATIV	E LEAD	TIME:		3 Months]	PRODUC	TION LEA	ADTIMI	E:	4 Months			
Contract Dates:]	FY 2004	Ja	n 04		I	FY 2005	Jan	05]	FY 2006							
Delivery Date:]	FY 2004	M	ay 04		I	FY 2005	Ma	y 05]	FY 2006							

Date:

February 2003

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

	FY 2	2002																		
	and l	Prior	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	FY 2	2008	FY 2	2009	T	C	ТОТ	`AL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	0	0																		
Procurement	0																			
Kit Quantity	0																			
Installation Kits	960	10.6	4232	37.9	4572	38.4	1908	16.6											11672	103.5
Installation Kits, Nonrecurring	0																			
Equipment	0																			
Equipment, Nonrecurring	0																			
Engineering Change Orders	0																			
Data	0																			
Training Equipment	0																			
Support Equipment	0																			
Other (PM Supt)	0																			
	0																			
Installation of Hardware	0																			
FY2002 & Prior Equip Kits	960																		960	
FY2003 Equip Kits	0		4232	3.2															4232	3.2
FY2004 Equip Kits	0				4572	2.7													4572	2.7
FY2005 Equip Kits	0						1908	1.0											1908	1.0
FY2006 Equip Kits	0																			
FY2007 Equip Kits	0																			
FY2008 Equip Kits	0																			
FY2009 Equip Kits	0																			
TC Equip- Kits	0																			
Total Installment	960	0.0	4232	3.2	4572	2.7	1908	1.0		0.0		0.0		0.0		0.0		0.0	11672	6.9
Total Procurement Cost		10.6		41.1		41.1		17.6		0.0		0.0		0.0		0.0		0.0		110.4

Date:

February 2003

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 Safety of Use Memorandum (SOUM) #01-008, dated Feb 2001 and updated in Jun 01. The trailer's kingpin mounting structure has deteriorated over the fleet's 20 plus year service life because of age, rust and corrosion. Funds are allocated to buy the 5,050 kits needed to repair all M872 basics, A1s and A2s and to support associated labor costs. Installation of repair kits will begin 2nd Qtr FY03 and complete in 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:

FY 2004

Mar 04

Hardware Procurement - Oct 02 Hardware Application - Jan 03 - Sep 05

Installation	n Schedule:
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Inputs Outputs

Inputs

Delivery Date:

Pr Yr	1 2 3 4					FY 2	2004			FY 2	2005			FY 2	2006			FY:	2007	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
0		471	471	471	471	472	472	444	444	444	445	445								
0		471	471	471	471	472	472	444	444	444	445	445								

	FY 2	2008			FY 2009 1 2 3 4				FY 2	2010			FY 2	2011		То	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
																	5050
																	5050

FY 2006

 Outputs
 Depot field team
 ADMINISTRATIVE LEADTIME:
 3 Months
 PRODUCTION LEADTIME:
 2 Months

 Contract Dates:
 FY 2004
 Jan 04
 FY 2005
 FY 2006

FY 2005

Date:

February 2003

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

	FY:																			
	and l		FY 2			2009		C	TOT											
DD###	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	0																			
Procurement	0		2020	2.6	2222	2.0													5050	<i>c</i> 4
Kit Quantity	0		2828	3.6	2222	2.8													5050	6.4
Installation Kits	0																			
Installation Kits, Nonrecurring	0																			
Equipment	0																			
Equipment, Nonrecurring	0																			
Engineering Change Orders	0																			
Data	0																			
Training Equipment	0																			
Support Equipment	0																			
Other	0																			
Interim Contractor Support	0																			
Installation of Hardware	0																			
FY2002 & Prior Equip Kits	0																			
FY2003 Equip Kits	0		2828	5.1															2828	5.1
FY2004 Equip Kits	0				2222	3.9													2222	3.9
FY2005 Equip Kits	0																			
FY2006 Equip Kits	0																			
FY2007 Equip Kits	0																			
FY2008 Equip Kits	0																			
FY2009 Equip Kits	0																			
TC Equip- Kits	0																			
1 1																				
Total Installment	0	0.0	2828	5.1	2222	3.9		0.0		0.0		0.0		0.0		0.0		0.0	5050	9.0
Total Procurement Cost		0.0		8.7		6.7		0.0		0.0		0.0		0.0		0.0		0.0		15.4

Date:

February 2003

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

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

DESCRIPTION/JUSTIFICATION:

Beginning with November 2001 deliveries, the Heavy Expanded Mobility Tactical Truck (HEMTT) production configuration included improved Seat/4-Point SeatBelt, and the Palletized Load System (PLS) followed in Jul 02. 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/Stryker Brigade Combat Team (FDD/SBCT) have extensive Command, Control, Communications, and Computer Systems (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/SBCT vehicles fielded prior to production cut-in.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Engineering Change Proposal (ECP) for HEMTT was cut into production Dec 2001; PLS production cut-in occurred Jul 02. Retrofit award is planned for Feb 03 with hardware delivery and installation planned to begin Jun 03.

Inputs Outputs

Inputs Outputs

Pr Yr		FY 2	2003			FY 2	2004			FY	2005			FY	2006			FY	2007	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
0			90	200	200	200														
0				90	200	200	200													

		FY:	2008			FY 2	2009			FY	2010			FY	2011		To	Totals
	1	2	3	1	1	2	3	4	1	2	3	4	1	2	. 3	4	Complete	
Г																		690

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 4 Months
Contract Dates: FY 2004 FY 2005 FY 2006

Delivery Date: FY 2004 FY 2005 FY 2006

Date:

February 2003

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

	FY :																			
	and l		FY 2			2004	FY 2			C	TOT									
DD###	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	0																			
Procurement	0																			
Kit Quantity	0		100																40.0	
Installation Kits	0		690	1.0															690	1.0
Installation Kits, Nonrecurring	0																			
Equipment	0																			
Equipment, Nonrecurring	0																			
Engineering Change Orders	0																			
Data	0																			
Training Equipment	0																			
Support Equipment	0																			
Other	0																			
Interim Contractor Support	0																			
Installation of Hardware	0																			
FY2002 & Prior Equip Kits	0																			
FY2003 Equip Kits	0		690	0.2															690	0.2
FY2004 Equip Kits	0																			
FY2005 Equip Kits	0																			
FY2006 Equip Kits	0																			
FY2007 Equip Kits	0																			
FY2008 Equip Kits	0																			
FY2009 Equip Kits	0																			
TC Equip- Kits	0																			
1 1																				
Total Installment	0	0.0	690	0.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0	690	0.2
Total Procurement Cost		0.0		1.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		1.2

Date:

February 2003

MODIFICATION TITLE: PLS Trailer Wheel Modification [MOD 10] 2-02-06-0001

MODELS OF SYSTEM AFFECTED: Fielded PLS Trailers

DESCRIPTION/JUSTIFICATION:

This is a Chief of Staff, United States Army interest item. The PM HTV has initiated an expedited change to the Palletized Load System (PLS) Trailer production vehicle configuration to include a safer, bolt-together wheel design. The 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 Tank-Automotive and Armaments Command (TACOM) managed systems that use split rim design wheels. 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:

Engineering Change Proposal (ECP) cut into production is scheduled Sep 02.

FY 2004

Contract award for modification hardware scheduled for Feb 2003 with initial delivery of retrofit hardware in July 2003.

Instal	lation	Scheo	lul	e:
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Inputs Outputs

Inputs

Delivery Date:

Pr Yr		FY 2	2003			FY 2	2004			FY:	2005			FY	2006			FY	2007	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
0			95	200	265	265														
0				95	200	265	265													

	FY 2	2008			FY	2009			FY 2	2010			FY 2	2011		То	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
																	825
				,	· '	1											925

FY 2006

 Outputs
 ADMINISTRATIVE LEADTIME:
 4 Months
 PRODUCTION LEADTIME:
 5 Months

 Contract Dates:
 FY 2004
 FY 2005
 FY 2006

FY 2005

Date:

February 2003

MODIFICATION TITLE (Cont): PLS Trailer Wheel Modification [MOD 10] 2-02-06-0001

	FY 2	2002																		
	and l	Prior	FY 2	2003	FY:	2004	FY 2	2005	FY 2	2006	FY 2	2007	FY 2	2008	FY :	2009	T	C	ТОТ	ΓAL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	0																			
Procurement	0																			
Kit Quantity	0		825	3.0															825	3.0
Installation Kits	0																			
Installation Kits, Nonrecurring	0																			
Equipment	0																			
Equipment, Nonrecurring	0																			
Engineering Change Orders	0																			
Data	0																			
Training Equipment	0																			
Support Equipment	0																			
Other	0																			
Interim Contractor Support	0																			
Installation of Hardware	0																			
FY2002 & Prior Equip Kits	0																			
FY2003 Equip Kits	0		825	0.5															825	0.5
FY2004 Equip Kits	0																			
FY2005 Equip Kits	0																			
FY2006 Equip Kits	0																			
FY2007 Equip Kits	0																			
FY2008 Equip Kits	0																			
FY2009 Equip Kits	0																			
TC Equip- Kits	0																			
Total Installment	0	0.0	825	0.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0	825	0.5
Total Procurement Cost		0.0		3.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0		3.5

Ext	nibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Da	ite:	F	ebruary 2003						
Appropriation/Budget Ac Other Procurement, Army /1/		vehicles				P-1 Item Nom ITE		AN \$5.0M (TA	.C VEH) (DL5	110)						
Program Elements for Co	de B Items:			Code: A	Other Relat	ed Program El	ements:									
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog				
Proc Qty																
Gross Cost	66.6	3.1	2.2	4.8	0.2	0.3	0.3	0.3	0.3	0.3		78.3				
Less PY Adv Proc																
Plus CY Adv Proc																
Net Proc (P-1)	66.6	3.1	2.2	4.8	0.2	0.3	0.3	0.3	0.3	0.3		78.3				
Initial Spares																
Total Proc Cost	66.6	3.1	2.2	4.8	0.2	0.3	0.3	0.3	0.3 0.3 78							
Flyaway U/C																
Wpn Sys Proc U/C																

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:

FY04/FY05 funding is required to support automotive common #1 and common #2 tool kit requirements. 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 & electric repair shop equipment.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer Tactical and su	nent, Army / 1	1/			tem Nomenclature SS THAN \$5.0M (TA			Weapon System T	Type:	Date: Februa	nry 2003
OPA1	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. Shop Equip, Auto Maint Suppl #1 4910-00-754-0706		175	5	35	175	5	35	80	1	. 80	80	1	80
2. Shop Equip, Fuel & Elec Sys Eng, FM 4940-00-754-0714		150	5	30				10	1	. 10	20	1	20
3. Automotive Basic Common #1 4910-00-754-0654		256	8	32									
4. Shop Equip Auto Maint & Repair 4910-00-754-0705		711	9	79	631	8	79	70	1	. 70	70	1	70
5. Shop Equip Auto Repair FM Suppl #2 4910-00-754-0707		275	5	55	220	4	55	75	1	. 75	75	1	75
6. Mechanical Maint Shelter		140	1	140									
7. Standard Automative Tool Set (SATS)		340	9	36	3744	28	134						
Engineering Support Sytem Support		111	1	111	74	1	74	10	1	. 10	8	1	8
Total		2158			4844			245			253		

appropriation/Budget Activity/Serial No: other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syste	ет Туре:		P-1 Line Ite		lature: AC VEH) (DL5110			
VBS 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 Issi Date
1. Shop Equip, Auto Maint Suppl #1 FY 2002 FY 2003 FY 2004 FY 2005 4910-00-754-0706 2. Shop Equip, Fuel & Elec Sys Eng, FM FY 2002 FY 2004	RIA Rock Island, Ilinois	REQN/FP REQN/FP REQN/FP REQN/FP REQN/FP REQN/FP	TACOM, Rock Island, IL	Oct 01 Oct 02 Oct 03 Oct 04 Oct 01 Oct 03	Nov 02 Nov 03 Nov 04 Nov 05 Nov 02 Nov 04	5 5 1 1 5	35 35 80 80 80	Y Y Y Y	N N N N	
FY 2005 4940-00-754-0714 3. Automotive Basic Common #1 FY 2002 4910-00-754-0654	RIA Rock Island, Ilinois RIA Rock Island, Ilinois	REQN/FP	TACOM, Rock Island, IL TACOM, Rock Island, IL	Oct 04 Oct 01	Nov 05 Nov 02	8	20 32	Y Y	N N	
l. Shop Equip Auto Maint & Repair										
EMARKS:			•							

ppropriation/Budget Activity/Serial No: ther Procurement, Army / 1 / Tactical and support vehicles		Weapon Syste	ет Туре:		P-1 Line Ito		lature: AC VEH) (DL5110			
VBS 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 Issi Date
FY 2002 FY 2003 FY 2004 FY 2005 4910-00-754-0705	RIA Rock Island, Ilinois RIA Rock Island, Ilinois RIA Rock Island, Ilinois RIA Rock Island, Ilinois	REQN/FP REQN/FP REQN/FP REQN/FP	TACOM, Rock Island, IL TACOM, Rock Island, IL TACOM, Rock Island, IL TACOM, Rock Island, IL	Oct 01 Oct 02 Oct 03 Oct 04	Nov 02 Nov 03 Nov 04 Nov 05	9 8 1 1	79 79 70 70	Y Y Y Y	N N N	
5. Shop Equip Auto Repair FM Suppl #2 FY 2002 FY 2003 FY 2004 FY 2005 4910-00-754-0707	RIA Rock Island, Ilinois RIA Rock Island, Ilinois RIA Rock Island, Ilinois RIA Rock Island, Ilinois	REQN/FP REQN/FP REQN/FP REQN/FP	TACOM, Rock Island, IL TACOM, Rock Island, IL TACOM, Rock Island, IL TACOM, Rock Island, IL	Oct 01 Oct 02 Oct 03 Oct 04	Nov 02 Nov 03 Nov 04 Nov 04	5 4 1 1	55 55 75 75	Y Y Y Y	N N N N	
6. Mechanical Maint Shelter FY 20027. Standard Automative Tool Set (SATS) FY 2002	RIA Rock Island, Ilinois RIA Rock Island, Ilinois	REQN/FP REQN/FP	TACOM, Rock Island, IL TACOM, Rock Island, IL	Oct 01 Oct 01	Nov 02 Nov 02	1 9	140 36	Y Y	N N	
EMARKS:										

Exhibit P-5a, Budget Procurement History	ory and Planning							Date: F	ebruary 20	003
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		Weapon Syster	n Type:		P-1 Line Ite		ature: AC 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
FY 2003 8. Engineering Support FY 2002 FY 2003 9. Sytem Support FY 2004 FY 2005	RIA Rock Island, Ilinois	C/FFP PWD PWD PWD	TACOM, Rock Island, IL TACOM, Rock Island, IL TACOM, Rock Island, IL	Mar 03 Oct 01 Oct 02 Oct 03 Oct 04	Sep 03 Nov 01 Nov 02 Nov 03 Nov 04	28 1 1 1	134 111 74 10 8	N Y Y Y	N N N N	
REMARKS:										

Ex	hibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	te:	F	February 2003		
Appropriation/Budget Ac Other Procurement, Army /1	•	ehicles				P-1 Item Nom TOV		E-FIFTH WHI	EEL (D09900)			
Program Elements for Co	ode B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty					40	40	40	20	20			160
Gross Cost					2.0	2.0	2.0	1.9	1.0			8.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)					2.0	2.0	2.0	1.9	1.0			8.9
Initial Spares												
Total Proc Cost					2.0	2.0	2.0	1.9	1.0			8.9
Flyaway U/C												
Wpn Sys Proc U/C												

The Fifth Wheel Towing Device (FWTD) is a system that attaches to a tractor's fifth wheel converting it into a towing/recovery vehicle. The device transforms a Truck Tractor into an evacuation vehicle capable of recovery; lift-towing or flat-towing another disabled truck. It is capable of lifting up to 30,000 pounds and towing up to 120,000 pounds. When the Fifth Wheel Towing Device is not in use, it can be dismounted and the tractor can perform its normal trailer-towing mission. The FWTD was type classified in FY02 and Full Materiel Release was approved first quarter FY03. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures 80 FWTDs to perform forward recovery missions in the Ordnance, Transportation and Engineer Units. It is needed to supplement organic evacuation and towing assets. It also provides a unit the capability to recover vehicles without the use of a wrecker, especially in Line Haul missions. It provides worldwide service to evacuate, tow, deliver and limited recovery capability. The current Army Acquisition Objective (AAO) is 257.

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

Exl	hibit P-40	, Budge	t Item J	ustifica	tion She	eet	I	Date:	F	ebruary 2003					
Appropriation/Budget Ac Other Procurement, Army /1	•	ehicles				P-1 Item Non HEA		RED SEDAN (I	D22100)						
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:								
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog			
Proc Qty	57	6	3	6	4			2	4	4		86			
Gross Cost	5.7	1.1	0.4	0.6	0.6			0.3	0.6	0.6		10.0			
Less PY Adv Proc															
Plus CY Adv Proc															
Net Proc (P-1)	5.7	1.1	0.4	0.6	0.6			0.3	0.6	0.6		10.0			
Initial Spares															
Total Proc Cost	5.7	1.1	0.4	0.6	0.6			0.3 0.6 0.6 10.							
Flyaway U/C															
Wpn Sys Proc U/C															

These physical security vehicles are standard commercial design vehicles that are armored to meet specific threat conditions within the guidelines/requirements established by the Office of the Secretary of Defense, Special Operations and Low Intensity Conflict (SOLIC) for Heavy Armored Vehicles (HAV). These vehicles provide inconspicuous protection and transportation for U.S. personnel and cargo in high threat areas. 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:

FY04/FY05 procures 4 heavy 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 to avoid loss of life to U.S. personnel.

Ex	hibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	I	Date:	F	February 2003						
Appropriation/Budget Ac Other Procurement, Army /1	•	ehicles				P-1 Item Non PAS		ARRYING VEH	IICLES (D230	00)						
Program Elements for Co	ode B Items:			Code: A	Other Relat	ed Program El	ements:									
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog				
Proc Qty	67473	28	28	10	56			49	46	45		67735				
Gross Cost	260.2	0.7	0.7	0.3	3.1			1.6	1.7	1.6		270.0				
Less PY Adv Proc																
Plus CY Adv Proc																
Net Proc (P-1)	260.2	0.7	0.7	0.3	3.1			1.6	1.7	1.6		270.0				
Initial Spares																
Total Proc Cost	260.2	0.7	0.7	0.3	3.1			1.6 1.7 1.6 270.								
Flyaway U/C							1.0 1.7 1.0 270.0									
Wpn Sys Proc U/C																

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. Light armored vehicles (LAV) are added to this program beginning in FY04. LAVs include sedans, sport utility vehicles, vans, and cargo trucks, and are used to provide inconspicuous protection for high level personnel who might be seen as terrorist targets. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

Justification:

FY04/FY05 procures Passenger Carrying Vehicles that are urgently required to satisfy priority requirements, fill existing worldwide requirements, and replace overage/over-mileage vehicles. Light armored vehicles (LAV) are needed to replace over-age and poor condition vehicles, and to meet any new requirements that may originate due to U.S. involvement in Outside the Continental United States (OCONUS) operations. Fielding of sedans, buses, ambulances, and LAVs will alleviate excessive downtime, reduce maintenance and repair costs, and maximize mission capabilities of users (primarily Outside the Continental United States (OCONUS) activities).

Ex	hibit P-40	, Budge	t Item J	ustifica	eet	Date: February 2003								
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:					Other Relat	Other Related Program Elements:								
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog		
Proc Qty	63954	52	65	23	85		6	81	47	47		64360		
Gross Cost	663.9	8.2	6.3	1.7	6.3	0.5	1.4	4.4	2.7	2.6		698.2		
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc (P-1)	663.9	8.2	6.3	1.7	6.3	0.5	1.4	4.4	2.7	2.6		698.2		
Initial Spares														
Total Proc Cost	663.9	8.2	6.3	1.7	6.3	0.5	1.4	4.4	2.7	2.6		698.2		
Flyaway U/C														
Wpn Sys Proc U/C														

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

Justification:

FY04/FY05 procures 85 Non-Tactical Vehicles needed to fill existing worldwide requirements and to replace unsafe, overage and over mileage, and/or uneconomical to repair Non-Tactical Vehicles.

Exhi	bit P-40	, Budge	t Item J	ustificat	tion Sho	eet Date: February 2003									
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 Relat	Other Related Program Elements:									
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog			
Proc Qty			10		10							20			
Gross Cost			3.0	0.1	2.9							6.0			
Less PY Adv Proc															
Plus CY Adv Proc															
Net Proc (P-1)			3.0	0.1	2.9							6.0			
Initial Spares															
Total Proc Cost			3.0	0.1	2.9							6.0			
Flyaway U/C															
Wpn Sys Proc U/C															

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:

FY04/FY05 procures 10 Personnel Carrying Semi-Trailer Vans. These Semi-Trailers are urgently needed to fill requirements and 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.

Exh	ibit P-40	, Budge	t Item J	ustifica	eet	Da	Date: February 2003							
Appropriation/Budget Act Other Procurement, Army /1/		P-1 Item Nomenclature GENERAL PURPOSE VEHICLES (DV0013)												
Program Elements for Code B Items:				Code: A	Other Relate	Other Related Program Elements:								
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog		
Proc Qty	48407	44	48	16	69			66	40	40		48730		
Gross Cost	375.5	1.4	2.2	0.6	2.3	0.5	0.6	2.5	1.6	1.6		388.7		
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc (P-1)	375.5	1.4	2.2	0.6	2.3	0.5	0.6	2.5	1.6	1.6		388.7		
Initial Spares														
Total Proc Cost	375.5	1.4	2.2	0.6	2.3	0.5	0.6	2.5	1.6	1.6		388.7		
Flyaway U/C														
Wpn Sys Proc U/C												·		

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, 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:

FY04/FY05 procures 69 General Purpose Vehicles; which are urgently required to satisfy high priority requirements, fill existing worldwide requirements, 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.

Ex	hibit P-40	, Budge	t Item J	ustifica	eet Date: February 2003								
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:					Other Related Program Elements:								
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog	
Proc Qty	15547	8	7	7	6		6	15	7	7		15610	
Gross Cost	288.5	6.9	1.1	1.0	1.1		0.9	2.0	1.0	1.0		303.4	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	288.5	6.9	1.1	1.0	1.1		0.9	2.0	1.0	1.0		303.4	
Initial Spares													
Total Proc Cost	288.5	6.9	1.1	1.0	1.1		0.9	2.0	1.0	1.0		303.4	
Flyaway U/C													
Wpn Sys Proc U/C													

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:

FY04/FY05 procures 6 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 requirements 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 was authorized for the execution of Weapons of Mass Destruction requirement - Unified Command Suites (UCS) and Mobile Analytical Labs (MALS). FY00 funding totaled \$26,928,000 - \$19,822,000 for UCS and \$7,106,000 for MALS. For FY01, Congress appropriated an additional \$5,650,000.