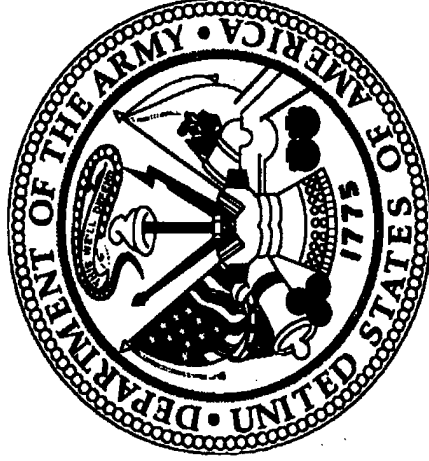


DEPARTMENT OF THE ARMY

Procurement Programs



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FY 2001 Budget Estimate

OTHER PROCUREMENT, ARMY
ACTIVITY 1, TACTICAL AND SUPPORT VEHICLES

APPROPRIATION

February 2000

20000302 013

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DEPARTMENT OF THE ARMY
2001 PROCUREMENT PROGRAM

EXHIBIT P-1
February 2000

Appropriation: **OTHER PROCUREMENT, ARMY**

Activity: 1. **TACTICAL AND SUPPORT VEHICLES**

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	FY 99			FY 00			FY 01			
				QTY	COST	QTY	COST	QTY	COST	QTY	COST		
												(7)	(8)
(1)	(2)	(3)	(4)										
	***TACTICAL VEHICLES**												
1	TACTICAL TRAILERS/DOLLY SETS (DA0100)	A			16,443			21,395					
2	SEMITRAILER FB BB/CONT TRANS 22 1/2 T (D01500)	A		63	2,576		221	7,078		374		12,135	
3	SEMITRAILER LB 40T M870A1 (CCE) (D00700)	A		41	3,078		24	1,918		24		1,912	
4	SEMITRAILER, TANK, 5000G (D02300)	A			5,480			25,258				30,213	
5	SEMITRAILER, TANK, 7500G, BULKHAUL (D02700)	A			629		63	4,107		376		20,010	
6	SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129A2C (D04800)	A		80	6,299		74	6,234		67		6,147	
7	HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)			675	73,557		841	91,704		1,002		110,746	
8	TRUCK, DUMP, 20T (CCE) (D16001)						55	13,021		19		5,208	
9	FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)				335,506			424,061				438,256	
10	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT (D15800)							7,343				14,830	
11	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)				191,077			193,427				166,119	
12	ARMORED SECURITY VEHICLES (ASV) (D02800)						10	7,013		20		13,453	
13	TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)				64,897			49,920				42,989	

DEPARTMENT OF THE ARMY
2001 PROCUREMENT PROGRAM

EXHIBIT P-1
February 2000

Appropriation: **OTHER PROCUREMENT, ARMY**

Activity: 1. **TACTICAL AND SUPPORT VEHICLES**

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	FY 99		FY 00		FY 01	
				QTY	COST	QTY	COST	QTY	COST
				(7)	(8)	(9)	(10)	(11)	(12)
(1)	(2)	(3)	(4)						
14	TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)	A		35	3,299	24	1,952		
15	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)					84	11,652	94	17,233
16	MEDIUM TRUCK EXTENDED SVC PGM (ESP) (DV0008)			595	40,828				
17	LINE HAUL ESP (DV0011)	A		55	4,942	115	9,217	362	27,054
18	MODIFICATION OF IN SVC EQUIP (DA0924)				10,894		31,529		28,910
19	ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)				880		1,551		1,853
	SUB-ACTIVITY TOTAL				760,385		908,380		937,068
	NON-TACTICAL VEHICLES								
20	HEAVY ARMORED SEDAN (D22100)			54	5,542	3	586	12	2,263
21	PASSENGER CARRYING VEHICLES (D23000)			25	460	36	842	35	834
22	GENERAL PURPOSE VEHICLES (DV0013)				1,493		994		989
23	SPECIAL PURPOSE VEHICLES (DV0014)				14,081		24,928		1,021
	SUB-ACTIVITY TOTAL				21,576		27,350		5,107

DEPARTMENT OF THE ARMY
2001 PROCUREMENT PROGRAM

EXHIBIT P-1
February 2000

Appropriation: **OTHER PROCUREMENT, ARMY**

Activity: 1. **TACTICAL AND SUPPORT VEHICLES**

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	FY 99			FY 00			FY 01		
				QTY	COST	(8)	QTY	COST	(10)	QTY	COST	(12)
(1)	(2)	(3)	(4)	(7)	(6)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	SUPPORT EQUIPMENT AND FACILITIES											
24	SYSTEM FIELDING SUPPORT PEO (DA0070)				225							
25	PROJECT MANAGEMENT SUPPORT (DA0073)				1,227							
26	SYSTEM FIELDING SUPPORT (TACOM) (DA0071)				24,339							
	SUB-ACTIVITY TOTAL				25,791							
	ACTIVITY TOTAL				807,752			935,730			942,175	

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												TACTICAL TRAILERS/DOLLY SETS (DA0100)	
Program Elements for Code B Items:												Other Related Program Elements:	
		Code:		A									
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty													
Gross Cost	514.1	5.1	12.6	16.4	21.4	0.0	0.0	0.0	0.0	0.0	0.0	569.6	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	514.1	5.1	12.6	16.4	21.4	0.0	0.0	0.0	0.0	0.0	0.0	569.6	
Initial Spares													
Total Proc Cost	514.1	5.1	12.6	16.4	21.4	0.0	0.0	0.0	0.0	0.0	0.0	569.6	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: This line is a roll of various tactical trailers and dolly sets which are used for such missions as transporting generators, shelters, drinking water, ammunition and general cargo. Prime movers for these trailers range from the Commercial Utility Cargo Vehicle (CUCV) to the 10 Ton M977 series Heavy Expanded Mobility Tactical Truck (HEMTT).

JUSTIFICATION: Funding is required in FY00 to support fielding of major systems and to fill trailer shortages in troop units.

Exhibit P-5, Weapon OPA Cost Analysis				Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: TACTICAL TRAILERS/DOLLY SETS (DA0100)				Weapon System Type:		Date: February 2000			
Cost Elements				FY 98				FY 99				FY 00				FY 01	
				TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000		
TRAILER, GP, 5 TON, M1061 (D04700)							164				31						
HIGH MOBILITY TRAILER (D06700)							10332	586	18	5421							
HEAVY EXPANDED MOB AMMUNITION TRLR (D05700)											9760	218	45				
SELF-LOAD/OFF-LOAD TRAILER (SLOT) (DA0101)							5947	62	96	1204	11	109					
TRAILER, CARGO, 3/4/T, 2W, M101A3 W/E (D06200)										4979	750	7					
TOTAL							16443				21395						

Exhibit P-40, Budget Item Justification Sheet											Date:	February, 2000
Appropriation / Budget Activity/Serial No.		P-1 Item Nomenclature:										
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		HIGH MOBILITY TRAILER (D66700)										
Program Elements for Code B Items:		Other Related Program Elements:										
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty	3842		688	586								5116
Gross Cost	33.8	0.0	12.6	10.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	62.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	33.8	0.0	12.6	10.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	62.1
Initial Spares												
Total Proc Cost	33.8	0.0	12.6	10.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	62.1
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The High Mobility Trailer (HMT) is a family of high mobility companion trailers for the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The HMT is compatible with both the light (Group I/II) and heavy (Group III) HMMWV variants. These HMMWV variants require an HMT family of trailers (light, heavy, and heavy chassis) to make full use of HMMWV's towing capabilities.

JUSTIFICATION: The HMT replaces the M101 Series Trailers on an attrition basis and supports Interchange Customers, and is used by Combat, Combat Support and Combat Service Support units. Other Customers include PM, Mobile Electric Power, CECOM, SOCOM, ATC, DCSLOG, STRICOM, PM, WIN-T, Army Research Lab, US Air Force and Foreign Military Sales. The HMT is required to improve off-road mobility and increase payload over the present M101 series 3/4 ton trailers. It will be used in support of communication systems hauling Tactical Quiet Generators. The HMT also offers stability lacking in the current M101/HMMWV combination because the HMT wheels have the same track width as the HMMWV. FY 2000 funds drawbar retrofits and brake actuator fixes. The Army Acquisition Objective (AAO) is 25,112.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: HIGH MOBILITY TRAILER (D06700)				Weapon System Type:		Date: February 2000		
Cost Elements		ID	FY 98			FY 99			FY 00			FY 01		
			TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000
1. Vehicle (D06700)		A				6165	586	11						
2. Engineering Changes						124								
3. Kits						3180			4378					
4. Testing Contractor Government Technical Feasibility Test (ATC) First Article Test (ATC)						104			128					
5. Documentation						76								
6. Engineering Support In-House						196			198					
7. Quality Assurance Support (TACOM)						42			43					
8. System Fielding Support									224					
9. Project Management Support						445			450					
TOTAL						10332			5421					

Exhibit P-5a, Budget Procurement History and Planning										Date:	February 2000
Appropriation / Budget Activity/Serial No:		Weapon System Type:		P-1 Line Item Nomenclature:							
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				HIGH MOBILITY TRAILER (D06700)							
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 Revisn Avail	RFP Issue Date	
Fiscal Years											
1. Vehicle (D06700) FY 99	Raytheon E-Systems, Inc., TX	CM5 (5b)	TACOM	Dec-98	Jan-99	586	11	Yes	N/A	N/A	
REMARKS: FY99 funds the last year of a five year multi-year contract with Ratheon E-Systems, Inc.											

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT 1/Tactical and Support Vehicles												HEAVY EXPANDED MOBILITY AMMUNITION TRAILER (HEMAT) (D05700)	
Program Elements for Code B Items:												Other Related Program Elements:	
Code:												A	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty	1642				218							1860	
Gross Cost	28.9	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	38.7	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	28.9	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	38.7	
Initial Spares													
Total Proc Cost	28.9	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	38.7	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: The Heavy Expanded Mobility Ammunition Trailer is a 11-Ton lunette trailer used to transport Multiple Launch Rocket System (MLRS) pods, general ammunition pallets, 2 each 600-gallon aircraft fuel pods, 4 each Hellfire missile pallets, 500-gallon rubber fuel bladders, and other similar cargo. The HEMAT travels over cross country and highway up to 55 miles per hour. The prime movers are the M977 series HEMTT 10 ton trucks. The HEMAT is transportable in C130, C141, and C5 aircraft and is marine and rail transportable. This unique trailer must meet rough terrain requirements in the resupply mode.

JUSTIFICATION: The FY00 procurement will support NG MLRS requirements. The FY00 Army Acquisition Objective (AAO) of 2253 is at 69 percent fill.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT /1/Tactical and Support Vehicles				P-1 Line Item Nomenclature: Heavy Expanded Mobility Ammunition Trailer (HEMAT) (D05700)				Weapon System Type:		Date: February 2000			
ID	CD	FY 98		FY 99		FY 00		FY 01		TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000
		TotalCost \$000	Qty Each	TotalCost \$000	Qty Each	TotalCost \$000	Qty Each	TotalCost \$000	Qty Each						
Cost Elements															
1. Vehicle (D05700)															
2. Testing (ATC)															
3. System Technical Support (STS)															
4. Engineering Support In-House															
5. Quality Assurance Support (TACOM)															
6. System Fielding Support															
7. Program Management Support															
TOTAL															

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000
Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT /1/Tactical and Support Vehicles		Weapon System Type:			P-1 Line Item Nomenclature: Heavy Expanded Mobility Ammunition Trailer (HEMAT) (D05700)					
WBS Cost Elements: Fiscal Years	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 Revised Avail	RFP Issue Date
1. Vehicle (D05700) FY 00	SEI, St. Louis, MO	SS/FP	TACOM	Feb-00	Aug-00	218	38	Yes	N/A	Jan 00
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet										Date:	February 2000	
Appropriation / Budget Activity/Serial No:				P-1 Item Nomendature:								
OTHER PROCUREMENT /Tactical and Support Vehicles				SELF-LOAD/OFF-LOAD TRAILER (SLOT) (DA0101)								
Program Elements for Code B Items:				Other Related Program Elements:								
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty				62	11							73
Gross Cost	0.0	0.0	0.0	5.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	7.2
Less FY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	0.0	0.0	0.0	5.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	7.2
Initial Spares												
Total Proc Cost	0.0	0.0	0.0	5.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	7.2
Flyaway U/C												
Wpn Sys Proc U/C												
DESCRIPTION: The Self-Load/Off Load Trailer (SLOT) is a multifunctional trailer with the capability to self-load/off load and transport operable and inoperable wheeled and light wheeled and light tracked vehicles such as material handling equipment, engineer construction equipment, other general cargo and equipment. There will be heavy and light variants. Each variant shall have self-load/off load capability when coupled to the prime mover. The SLOT shall augment or replace selected M127, M129, M172, M269, M870, M871, and M872 series semi-trailers and their predecessors.												

Exhibit P-5, Weapon OPA Cost Analysis				Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT /1/Tactical and Support Vehicles				P-1 Line Item Nomenclature: SELF-LOAD/OFF-LOAD TRAILER (SLOT) (DA0101)				Weapon System Type:		Date: February 2000	
Cost Elements		ID	CD	FY 98			FY 99			FY 00			FY 01		
				TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000
1. Vehicle (DA0101)							5084	62	82	902	11	82			
2. Testing/Initial Production Testing (ATC)							222			200					
3. System Technical Support (STS)							141								
4. Engineering Support In-House Spt Contractor Spt							80 200			50					
5. Quality Assurance Support (TACOM)							20			52					
6. Project Management Support							200								
TOTAL							5947			1204					

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000					
Appropriation / Budget Activity/Serial No:		P-1 Line Item Nomenclature:													
OTHER PROCUREMENT /1/Tactical and Support Vehicles		SELF-LOAD/OFF-LOAD TRAILER (SLOT)													
WBS Cost Elements:		Contract Method and Type		Location of PCO		Award Date		Date of First Delivery		Specs Avail Now?		Date Revis Avail		RFP Issue Date	
Fiscal Years		Contractor and Location													
1. Vehicle (DA0101)		TBS		TACOM		Aug-00		Mar-01		No		N/A		Jun 00	
FY 99		TBS		TACOM		Aug-00		Jul-01		No		N/A		Jun 00	
FY00															
REMARKS:															

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:		P-1 Item Nomenclature:											
OTHER PROCUREMENT Tactical and Support Vehicles / 51100254		TRAILER, CARGO 3/4T, 2W, M101A3 W/E											
Program Elements for Code B Items:		Other Related Program Elements:											
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty	10915				750							11665	
Gross Cost	30.1	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	30.1	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	
Initial Spares													
Total Proc Cost	30.1	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	
Flyaway U/C													
Wpn Sys Proc U/C													
DESCRIPTION: The M101A3 is a 3/4 Ton, 2-Wheel, Cargo Trailer. The trailer is used to transport a variety of cargo over the highway and cross-country. The prime mover is the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The M101A3 is equipped with an inertia actuated hydraulic brake system and two manual parking brakes. A retractable front support leg is attached to the drawbar, and two 24 volt military taillights are mounted on the trailer. The M101A3 is an upgrade of the M101A2 with improvements in both payload and performance. The lengthened axle, ground clearance increase and the addition of HMMWV runflat tires has improved tractability behind the HMMWV. JUSTIFICATION: FY 2000 funds are required to fill trailer shortages of light tactical vehicles.													

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT /Tactical and Support Vehicles / 51100254				P-1 Line Item Nomenclature: TRAILER, CARGO 3/4T, 2W, M101A3 W/E				Weapon System Type:		Date: February 2000	
Cost Elements		FY 98		FY 99		FY 00		FY 01		FY 01		FY 01	
		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 - M101A3 (D06200)								4170	750	6			
2. Testing Government Production Qualification Test (ATC)								250					
3. Data/Documentation								35					
4. Engineering Support In-House								79					
5. Quality Assurance Support (TACOM)								60					
6. System Fielding Support								280					
7. Project Mgmt Support								105					
TOTAL								4979					

Exhibit P-5a, Budget Procurement History and Planning										Date:
Appropriation / Budget Activity/Serial No:										February 2000
OTHER PROCUREMENT /Tactical and Support Vehicles / 51100254										
WBS Cost Elements:										
Fiscal Years										
P-1 Line Item Nomenclature:										
TRAILER, CARGO 3/4T, 2W, M101A3 W/E										
Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revisn Avail	RFP Issue Date		
TBD	TACOM	Jul-00	Jan-01	750	6	Yes	N/A	Apr 00		
REMARKS: FY00 funds a competitive Firm Fixed Price contract with Small Business Set Aside (SBSA).										

Exhibit P-40, Budget Item Justification Sheet											Date:	February 2000
Appropriation / Budget Activity/Serial No:											P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles											SEMITRAILER FB/BB CONT TRANS 22 1/2 T (D01500)	
Program Elements for Code B Items:											Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty	5837		30	63	221	374	441	379	244	237		7826
Gross Cost	94.3	0.2	1.6	2.6	7.1	12.1	13.1	11.8	7.8	7.8		158.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	94.3	0.2	1.6	2.6	7.1	12.1	13.1	11.8	7.8	7.8		158.4
Initial Spares												
Total Proc Cost	94.3	0.2	1.6	2.6	7.1	12.1	13.1	11.8	7.8	7.8		158.4
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Semitrailer, FB/BB Cont Trans 22 1/2 T, is a tactical, dual purpose, bulk and container transporter. The semitrailer will be used within CONUS and OCONUS military logistics support system theaters to transport 20' International Standard Organization (ISO) Containers on line haul missions and is 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.

JUSTIFICATION: FY01 funding fills approximately 63% of the Army's Acquisition Objective of 10,358 for the Semitrailer FB/BB Cont Trans 22 1/2 T which is an authorized worldwide (CONUS/OCONUS) transporter within military logistics system of ISO Containers. Besides hauling ammunition and general cargo, the Semitrailer FB/BB Cont Trans 22 1/2T is primary transporter of the 3,000 gallon reverse Osmosis Water Purification Units (ROWPU). The Semitrailer FB/BB Cont Trans 22 1/2T is employed by military standard 5 Ton and FMTV tractors for use over primary, secondary, and unimproved secondary roads, and by the military adapted commercial Line Haul series tractors, over primary roads only. As the principal hauler for transportation companies worldwide, these trailers accumulate thousands of road miles monthly.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: SEMITRAILER FB BB/CONT TRANS 22 1/2 T (D01500)				Weapon System Type:		Date: February 2000	
Cost Elements		FY 98		FY 99		FY 00		FY 01					
		TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000
1. Vehicle					1552	63	25	5587	221	25	9874	374	26
2. Federal Retail Excise Tax					212			762			1346		
3. Testing (ATC)					207								
- Initial Production Test								50					
- Comparison Test					123			75			44		
4. System Technical Support													
5. Engineering Support					208			214			221		
- In-House													
6. Quality Assurance Support					20			21			21		
- In-House					254			261			269		
7. Program Management Support								108			360		
8. System Fielding Support													
TOTAL					2576			7078			12135		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000
Appropriation / Budget Activity/Serial No:		Weapon System Type:		P-1 Line Item Nomenclature:						
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				SEMITRAILER FB/ BB CONT TRANS 22 1/2 T (D01500)						
WBS Cost Elements: Fiscal Years	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 Revisn Avail	RFP Issue Date
1. Vehicle FY 99 FY 00 FY 01	Fontaine, Haleyville, AL Fontaine, Haleyville, AL Fontaine, Haleyville, AL	MIPR MIPR MIPR	GSA GSA GSA	Feb-99 Feb-00 Feb-01	Jul-00 Nov-00 Jul-01	63 221 374	25 25 26	Yes Yes Yes	N/A N/A N/A	
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000		
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:			
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												SEMITRAILER LB 40T M870A3 (CCE) (D00700)			
Program Elements for Code B Items:												Other Related Program Elements:			
		Code:		A											
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog			
Proc Qty	1921		9	41	24	24	25	24				2068			
Gross Cost	37.2	0.0	0.8	3.1	1.9	1.9	1.9	1.9	0.1	0.1	0.0	48.8			
Less PY Adv Proc															
Plus CY Adv Proc															
Net Proc (P-1)	37.2	0.0	0.8	3.1	1.9	1.9	1.9	1.9	0.1	0.1	0.0	48.8			
Initial Spares															
Total Proc Cost	37.2	0.0	0.8	3.1	1.9	1.9	1.9	1.9	0.1	0.1	0.0	48.8			
Flyaway U/C															
Wpn Sys Proc U/C															
DESCRIPTION: The Semitrailer lowbed is a 40 Ton system capable of handling payload to 80,000 lbs. on highways, gravel roads, dirt roads, level cross country and off roads. The Semitrailer LB 40T (CCE) incorporates a folding gooseneck, rear loading capability and automatic slac adjusters. The Semitrailer Lb 40T is a multi-axle suspension system equipped with radial tires. The Semitrailer LB 40T connects to its prime mover's fifth wheel via a reversible king pin (2 and 3.5 inches capable). The landing legs are adjustable to accommodate varying degrees of fifth wheel heights. The semitrailer utilizes a 12/24 volt electrical system including two composite lights which serve as a blackout service tail and stop lights. 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 type. JUSTIFICATION: This funding in FY01 will fill the Army Acquisition Objective (AAO) shortage in concert with supporting the Total Army Analysis (TAA)-05. The 40T Semitrailer LB is the primary hauler of engineer equipment worldwide. The Army Acquisition Objective is 2641. Current assets are more than 400 vehicles short of the Army Acquisition Objective through FY02. Most importantly, current 40T semitrailers have proven unreliable in field use as evidenced by frame stress cracking under various loads. There is an immediate need for a modernized 40T semitrailer lowbed. Current systems do not possess mobility characteristic capabilities required by Force XXI. The semitrailer will fill requirements for the Total Army Analysis (TAA)-05 Truck Company Plus Up.															

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: SEMITRAILER LB 40T M870A1 (CCE) (D00700)				Weapon System Type:		Date: February 2000	
Cost Elements		FY 98		FY 99		FY 00		FY 01		FY 01		FY 01	
		TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000
1. Vehicle					1929	41	47	1162	24	48	1162	24	48
2. Replacement of Test Vehicles					96	2	48						
3. Federal Retail Excise Tax					277			158			158		
3. Testing - ATC													
- Production Verification Test					284			173			30		
4. System Technical Support					66								
5. Engineering Support					128			76			185		
- In-House					298			153			267		
6. Program Management Support								196			110		
7. System Fielding Support													
TOTAL					3078			1918			1912		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000
Appropriation / Budget Activity/Serial No:		P-1 Line Item Nomenclature:								
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		SEMITRAILER LB 40T M870A1 (CCE) (D00700)								
WBS Cost Elements: Fiscal Years	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 Revis Avail	RFP Issue Date
1. Vehicle FY 99 FY99 FY 00 FY 01	Kalyn Seibert, Gatesville, TX Kalyn Seibert, Gatesville, TX Kalyn Seibert, Gatesville, TX Kalyn Seibert, Gatesville, TX	Option Option Option Option	TACOM TACOM TACOM TACOM	Mar-99 Aug-99 Jan-00 Nov-00	Jun-00 May-00 Jun-00 Dec-00	41 2 24 24	47 48 48 48			
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet										Date:		
Appropriation / Budget Activity/Serial No:										February 2000		
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												
P-1 Item Nomenclature:										SEMITRAILER, TANK, 5000G (D02300)		
Program Elements for Code B Items:												
Code:												
Other Related Program Elements:												
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty												
Gross Cost	231.8	0.0	3.1	5.5	25.3	30.2	24.2	39.8	23.3	23.3		406.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	231.8	0.0	3.1	5.5	25.3	30.2	24.2	39.8	23.3	23.3		406.4
Initial Spares												
Total Proc Cost	231.8	0.0	3.1	5.5	25.3	30.2	24.2	39.8	23.3	23.3		406.4
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Semitrailer Tank 5000G is a low profile, bulkhaul semitrailer designed to transport/dispense gasoline, diesel, and aviation fuels. The M900 series is comprised of the M967A1 bulkhauler, the M969A2 automotive refueler, and the M970A1 under/over wing aircraft refueler. When empty, these semitrailers are air transportable on C130, C141, C17, and C5A aircraft. These semitrailers are designed to be towed by a truck tractor equipped with a fifth wheel. Authorized prime movers for highway and cross-country include the 5-ton truck tractor and FMTV tractor. For highway only, the 10-ton military adapted commercial 6x4 truck tractors (M915/A1/A2) are authorized. All future procured M900 series semitrailers will be transportable at gross vehicle weight (fully loaded) aboard strategic sealift ships due to an improved tiedown system. Features of the semitrailer include a stainless steel, single compartment tank of 5000G capacity, plus 3 percent capacity provided for expansion of the fuel, top and bottom loading capacity, an automotive overflow shutoff device, and gravity discharge capability. The semitrailer is equipped with a top manhole to facilitate inspection, cleaning and fuel loading. The tank shell assembly conforms to all Department of Transportation 406 requirements such as structural rigidity, baffles, accident and damage protection, venting, and shell thickness. The semitrailer is equipped with a four-cylinder diesel engine and pump assembly, full floating tandem axles, manually operated landing gear, radial tires, a fuel capacity measuring device and a vapor recovery system/kit. The end adapter of the vapor recovery system/kit is compatible with a four-inch quick disconnect field connection, such as those used at fuel depots. All future M900 series semitrailers will be equipped with an antilock braking system.

JUSTIFICATION: This funding in FY01 will fill 37% of the shortages to the Army Acquisition Objective (AAO) of 4,940 in concert with supporting the Total Army Analysis (TAA)-05. This TAA-05 process recognized that a severe shortage of petroleum distribution personnel and equipment exists in the current Army force structure.

Exhibit P-5, Weapon OPA Cost Analysis				Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / / Tactical and Support Vehicles				P-1 Line Item Nomenclature: SEMITRAILER, TANK, 5000G (D02300)				Weapon System Type:		Date: February 2000		
Cost Elements		ID	CD	FY 98		TotalCost	FY 99		TotalCost	FY 00		TotalCost	FY 01		TotalCost	UnitCost
				TotalCost	Qty		UnitCost	Qty		UnitCost	TotalCost		Qty	UnitCost		
SEMITRAILER TANK 5000G BULKHAUL		A														
SEMITRAILER TANK 5000G AUTOMOTIVE		A				5480	52	105		21034	243	87	26774	305	88	111
TOTAL						5480				25258			30213			

Exhibit P-40, Budget Item Justification Sheet											Date:	February 2000
Appropriation / Budget Activity/Serial No:			P-1 Item Nomenclature:									
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles			SEMITRAILER TANK 5000G BULKHAUL (D02304)									
Program Elements for Code B Items:			Other Related Program Elements:									
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty	1418				243	305	224	425	152	149		2916
Gross Cost	67.5	0.0	0.0	0.0	21.0	26.8	17.5	31.4	13.6	13.6		191.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	67.5	0.0	0.0	0.0	21.0	26.8	17.5	31.4	13.6	13.6		191.4
Initial Spares												
Total Proc Cost	67.5	0.0	0.0	0.0	21.0	26.8	17.5	31.4	13.6	13.6		191.4
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The M967A1 5000G fuel tanker semitrailer performs bulk fuel hauling from Corps to Division Main Supply battalions. The M967A1 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 semitrailers do not have the dispensing capability of the M969A2 semitrailers, 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.

JUSTIFICATION: This funding in FY01 will fill 73% of the Army Acquisition Objective (AAO) of 2,714 in concert with supporting the Total Army Analysis (TAA)-05 for the Semitrailer, Bulkhaul. This TAA-05 process recognized that a severe shortage of petroleum distribution personnel and equipment exists in the current Army force structure. That shortage is also identified in the U.S. Army 1996 Modernization Plan which rates Petroleum Distribution Equipment as "RED" for the near, mid and far term(s). Desert Storm/Shield substantiated the fact that a fast moving offensive can be completely halted by a lack of fuel for combat vehicles. To correct the petroleum distribution personnel problem, many petroleum related units were added to the force structure in the Active, Reserve and National Guard components.

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000
Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon System Type:		P-1 Line Item Nomenclature: SEMITRAILER TANK 5000G BULKHAUL (D02304)						
WBS Cost Elements: Fiscal Years	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 Revisn Avail	RFP Issue Date
1. Vehicle FY 00	TBS	C/FP REQ5(1)	TACOM	Jun-00	Nov-00	243	74	Yes	N/A	Feb 00
FY 01	TBS	Option REQ5(2)	TACOM	Dec-00	Oct-01	305	76	Yes	N/A	
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)	
Program Elements for Code B Items:												Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty	2197		27	52	38	31	62	77	90	88		2662	
Gross Cost	163.7	0.0	3.1	5.5	4.2	3.4	6.6	8.4	9.7	9.7		214.4	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	163.7	0.0	3.1	5.5	4.2	3.4	6.6	8.4	9.7	9.7		214.4	
Initial Spares													
Total Proc Cost	163.7	0.0	3.1	5.5	4.2	3.4	6.6	8.4	9.7	9.7		214.4	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: The M969A2 5000G fuel tanker semitrailer performs automotive refueling and bulk fuel hauling from Division to Main Supply and Forward Support battalions. The M969A2 tanker is found primarily in Transportation Medium Truck Companies, Petroleum, assigned to Quartermasters Battalion. The M969A2 is equipped with a self-priming pump assembly, filter separator assembly for automotive fuel. This dispensing assembly consists of dual automotive refueling systems that are pressurized to deliver fuel by a diesel engine and centrifugal pump combination. Each refueling system is composed of a meter, electric rewind hose reel, 50 feet of dispensing hose, and a dispensing nozzle. Deadman and overflow prevention features are included.

JUSTIFICATION: This funding in FY01 will fill 13% of the Army Acquisition Objective (AAO) shortage in concert with supporting the Total Army Analysis (TAA)-05 for the Semitrailer, 5000G, Automotive. The Army Acquisition Objective for this system is 2226. This TAA-05 process recognized that a severe shortage of petroleum distribution personnel and equipment exists in the current Army force structure. The U.S. Army 1996 Modernization Plan rates Petroleum Distribution Equipment as "RED" for the near, mid and far term(s). Desert Storm/Shield substantiated the fact that a fast moving offensive can be completely halted by a lack of fuel for combat vehicles. To correct the petroleum distribution personnel problem, many petroleum related units were added to the force structure in the Active, Reserve and National Guard components.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)				Weapon System Type:		Date: February 2000						
Cost Elements		ID	FY 98		TotalCost \$000	UnitCost \$000	FY 99		TotalCost \$000	UnitCost \$000	FY 00		TotalCost \$000	UnitCost \$000	FY 01		TotalCost \$000	UnitCost \$000
			TotalCost \$000	Qty Each			Qty Each	TotalCost \$000			Qty Each	TotalCost \$000			Qty Each			
1. Vehicle		A																
2. Federal Excise Tax (FET)					4514		52	87	3420		38	90	2871		31		93	
3. Government Furnished Equip (Wheels)					553				410				391					
4. Testing - ATC					142													
5. Production Verification Test									100									
6. System Technical Support									100				61					
7. Engineering Support																		
8. In-House					10				50				52					
9. Quality Support - In-House									10				10					
10. Program Management Support					261				16				16					
11. System Fielding Support									118				38					
TOTAL					5480				4224				3439					

Exhibit P-5a, Budget Procurement History and Planning										Date:	February 2000
Appropriation / Budget Activity/Serial No:		Weapon System Type:		P-1 Line Item Nomenclature:							
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revisn Avail	RFP Issue Date	
Fiscal Years											
1. Vehicle (w/FET)											
FY 99	Canadian Commercial Corp, Ottawa, Ontario, Canada	Option	TACOM	Jan-99	Oct-99	32	87	Yes	N/A		
		Option	TACOM	Mar-99	Jan-00	20	87				
FY 00	TBS	C/FP REQ5(1)	TACOM	Dec-99	May-00	38	90	Yes	N/A	Feb 00	
FY 01	TBS	C/FP REQ5(2)	TACOM	Dec-00	May-01	31	93	Yes	N/A		
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000	
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:		
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												SEMITRAILER, TANK, 7500G, BULKHAUL (D02700)		
Program Elements for Code B Items:												Other Related Program Elements:		
	Prior Years	FY 1997	FY 1998	FY 1999	Code:	A	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty	727						63	376	300	448	452	360		2726
Gross Cost	22.3	0.0	0.2	0.6			4.1	20.0	16.1	24.3	24.5	19.5	0.0	131.6
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc (P-1)	22.3	0.0	0.2	0.6			4.1	20.0	16.1	24.3	24.5	19.5	0.0	131.6
Initial Spares														
Total Proc Cost	22.3	0.0	0.2	0.6			4.1	20.0	16.1	24.3	24.5	19.5	0.0	131.6
Flyaway U/C														
Wpn Sys Proc U/C														

DESCRIPTION: The Semitrailer Tank, 7500 gallons, bulkhaul procurement will transport petroleum products from the source (e.g. Communication Zone (COMMZ) and Rear Corp areas), to the Forward Division area(s) where the fuel is transferred into tactical refueling systems for retail distribution into combat and services support vehicles, aircraft and other ground equipment.

JUSTIFICATION: This funding in FY01 will fill 19% of the Army Acquisition Shortage (AAO) of 2883 in concert with supporting the Total Army Analysis (TAA)-05. The Total Army Analysis-05 (TAA-05) process recognized that a severe shortage of petroleum distribution equipment and personnel exists in the current Army force structure. The U.S. Army Modernization Plan rates the petroleum Distribution Equipment as "RED" for the near, mid and far terms. Desert Storm/Shield substantiated the fact that a fast moving offensive can be completely halted by a lack of fuel for combat vehicles. To correct the petroleum distribution personnel problem, many petroleum related units were added to the Army's force structure in the Active, Reserve and National Guard Components. In addition, a severe shortage of petroleum distribution equipment exists and if this procurement is delayed or does not occur, then the Army's inability to distribute fuel will continue to exist.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: SEMITRAILER, TANK, 7500G, BULKHAUL (002700)				Weapon System Type:		Date: February 2000	
Cost Elements		FY 98		FY 99		FY 00		FY 01					
		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	A							2772	63	44	16875	376	45
2. Federal Retail Excise Tax								378			2301		
3. Test - ATC													
- Production Verification Test													
- Comparison Test				84				130			50		
4. System Technical Support								94			40		
5. Engineering Support													
- In-House				166				191			196		
- Contractor								20			49		
6. Quality Assurance Support													
- In-House								22			23		
7. Program Management Support				379				235			242		
8. System Fielding Support								265			234		
TOTAL				629				4107			20010		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000
Appropriation / Budget Activity/Serial No:		P-1 Line Item Nomenclature:								
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		SEMITRAILER, TANK, 7500G, BULKHAUL (D02700)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revisn Avail	RFP Issue Date
Fiscal Years										
1. Vehicle FY 00	Canadian Commercial Corp, Ottawa, Ontario, Canada	C/FP RQMT5(1)	TACOM	Jan-00	Jun-00	63	44	Yes	N/A	
FY 01	TBS	C/FP RQMT5(2)	TACOM	Jan-01	Feb-01	376	45	Yes	N/A	
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129 (D04800)	
Program Elements for Code B Items:												Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty	1237	57	50	80	74	67	87	111	112	112		1987	
Gross Cost	36.5	4.5	3.7	6.3	6.2	6.1	7.3	9.3	9.5	9.7		99.1	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	36.5	4.5	3.7	6.3	6.2	6.1	7.3	9.3	9.5	9.7		99.1	
Initial Spares													
Total Proc Cost	36.5	4.5	3.7	6.3	6.2	6.1	7.3	9.3	9.5	9.7		99.1	
Flyaway U/C													
Wpn Sys Proc U/C													
DESCRIPTION: The Semitrailer Van Cargo is a 12 ton, 35 foot military designed four wheel multipurpose tactical semitrailer van. The van body construction is aluminum to reduce the corrosion problem experienced on the predecessor systems. The construction of the van body is air and water tight. The solid state 12/24 volt D.C electrical system is compatible with military and commercial tractors. The semitrailer van meets current transportability standards. The vehicle has built-in flexibility to permanently secure modular storage and drawer systems for the transportation and issue of shop inventories and military supplies. Prime movers are military 5 Ton Trucks. JUSTIFICATION: FY01 funds support the procurement of the Semitrailer Van Cargo configuration that is used by various types of support units engaging in storage, transportation and issuance of military supplies. The van houses sophisticated electrical equipment (radio and computerized) for command post communications, spare parts, and maintenance tool shops for field repairs. The user has 100% mobility requirement to store, transport and resupply Prescribed Load List/Authorized Support List (PLL/ASL) Class IX items and 80% of the repair parts to the forward elements in a relatively short period of time (20 minutes). The remaining 20% of the repair parts will be in place within a 3-4 hours timeframe. The current fielded systems do not meet the user unique requirements for transportation and issuance of repair parts. Quantities procured through FY01 will fill 56% of the Army's Acquisition Objective of 2794.													

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129 (D04800)				Weapon System Type:		Date: February 2000	
		FY 98		FY 99		FY 00		FY 01					
Cost Elements		TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000
1. Vehicle					5280	80	66	4855	74	66	4320	67	64
2. Federal Retail Excise Tax					720			662			589		
3. Testing - ATC													
- Production Verification Test													
4. System Technical Support								50			300		
5. Engineering Support											150		
- In-House								125			255		
- Contractor					197								
6. Quality Assurance Support													
- In-House										25			
7. Program Management Support					102			277			300		
8. System Fielding Support								265			208		
TOTAL					6299			6234			6147		

Exhibit P-5a, Budget Procurement History and Planning										Date:	February 2000
Appropriation / Budget Activity/Serial No:		Weapon System Type:		P-1 Line Item Nomenclature:							
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129 (D04800)							
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 Revisn Avail	RFP Issue Date	
Fiscal Years											
1. Vehicle											
FY 99	Kalyn/Siebert Inc, Gatesville, TX	Option	TACOM	Nov-98	Jan-99	80	66	Yes			
FY 00	Kalyn/Siebert Inc, Gatesville, TX	Option	TACOM	Jan-00	Mar-00	74	66	Yes			
FY 01	TBS	F/FP	TACOM	Jan-01	Jun-01	67	64	Yes		Jul 00	
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date:	February 2000	
Appropriation / Budget Activity/Serial No:										P-1 Item Nomenclature:		
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles										HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)		
Program Elements for Code B Items:										Other Related Program Elements:		
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty	91342	1871	1768	675	841	1002	946	963	1179	1147		101734
Gross Cost	2802.4	159.4	126.2	73.6	91.7	110.7	109.1	111.2	127.3	127.1	0.0	3838.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	2802.4	159.4	126.2	73.6	91.7	110.7	109.1	111.2	127.3	127.1	0.0	3838.7
Initial Spares				0.1	0.1							0.2
Total Proc Cost	2802.4	159.4	126.2	73.7	91.8	110.7	109.1	111.2	127.3	127.1	0.0	3838.9
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The HMMWV is a lightweight, high performance, four-wheel drive, air transportable and air droppable, high mobility tactical family of wheeled vehicles. The vehicle has a diesel engine, automatic transmission and payloads of 2500 lbs. (HMMWV Group I), 3660 lbs. (HMMWV Group II), 4400 lbs. (Heavy HMMWV M1097), and 5100 lbs. (Expanded Capacity Vehicle (M1113)). The Block 1, or A1 models of the HMMWV began fielding in March 1994. The A1 models had improved seating, upgraded electronics and M1097 components across the family. The A2 models have an updated engine and a 4-speed automatic transmission. The Scout HMMWV is a specially modified armament carrier to accommodate the Scout mission role. The Up-Armored HMMWV (M1114) provides its crew complete ballistic protection against anti-tank and anti-personnel mines (up to 12 pounds of TNT), and 360 degree protection against 7.62 armor piercing munitions. The M1113 Expanded Capacity Vehicle (ECV) will be used for other programs where the M1097 capacity is insufficient.

JUSTIFICATION: FY 2000 and FY 2001 funding is required to fill shortages in the Army inventory. Vehicles will be placed in high priority units, and the displaced vehicles will be used for the HMMWV Recapitalization Program. The M1114 Up-Armored HMMWV will be used to replace select vehicles in military police units, and the M2/M3 Bradley vehicles in the Scout mission roles. The M1114 improves the protection levels of light tactical vehicles. The increase to 10,300 lbs. gross vehicle weight (GVW) of the M1097 and A2's is being followed with an increased GVW to accommodate the M1114 Scout/Military Police mission requirements. The M1025A2 will be used to support the Striker program. The Army Acquisition Objective (AAO) is 121,692.

Exhibit P-5, Weapon OPA Cost Analysis			Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: HI MOB MULT-PURP WHLD VEH (HMMWV) (D15400)				Weapon System Type:		Date: February 2000		
Cost Elements			FY 98		FY 99		FY 00		FY 01						
			TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	
1. Vehicle															
Up-Armor M1114 (D15402)						17456	245		71	26640	360	74	27066	360	75
Hvy Var M1097A2 (D15402)						23079	430		54	25862	451	57	35423	608	58
Truck Utility M1025A2 (D15402)										2049	30	68	2359	34	69
SUBTOTAL						40535				54551			64848		
2. Engineering Changes						2878				1316			1946		
3. Kits						4340				760			1840		
4. Government Testing Comparison Test (ATC) Cooling Test (YPG) Preproduction Qualification Test (ATC)						130 59 318				157 43			210		
5. System Technical Support (STS)						5802				1500			4750		
6. Engineering Support In-House						1164				1164			1258		
7. Quality Assurance Support (TACOM)						337				337			351		
8. Government Furnished Equipment Chassis						10584	145	73		27533	360	76	28368	360	79
9. Fielding Support						4915				2100			4707		
10. Project Management Spt						2495				2243			2468		
TOTAL						73557				91704			110746		

Exhibit P-5a, Budget Procurement History and Planning											Date:	February 2000
Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles			Weapon System Type:			P-1 Line Item Nomenclature: HI MOB MULTI-PURP WHLD VEH (HMMWW) (D15400)					RFP Issue Date	
WBS Cost Elements:			Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$OOO	Specs Avail Now?	Date Revsn Avail
Fiscal Years												
M1097A2, M1113, M1025A2												
FY99			AM General, Mishawaka, IN		SS/Other	TACOM	Dec-98	Jan-00	426	54	Yes	N/A
FY99			AM General, Mishawaka, IN		SS/Other	TACOM	May-99	Aug-00	4	54	Yes	N/A
FY00			AM General, Mishawaka, IN		SS/Other	TACOM	Dec-99	Oct-00	314	57	Yes	N/A
FY00			AM General, Mishawaka, IN		SS/Other	TACOM	Mar-00	Feb-01	167	58	Yes	N/A
FY01			AM General, Mishawaka, IN		SS/Other	TACOM	Nov-00	Jun-01	642	59	Yes	N/A
M1114 (Up-Armor)												
FY99			O'Gara Hess & Eisenhardt		SS/Other	TACOM	Jun-99	Dec-00	245	71	Yes	N/A
FY00			O'Gara Hess & Eisenhardt		SS/Other	TACOM	Feb-00	Aug-00	360	74	Yes	N/A
FY01			O'Gara Hess & Eisenhardt		SS/Other	TACOM	Jan-01	Jul-01	360	75	Yes	N/A
Government Furnished Equipment (Chassis)												
FY99			AM General, Mishawaka, IN		SS/Other	TACOM	Dec-98	Mar-00	145	73	Yes	N/A
FY00			AM General, Mishawaka, IN		SS/Other	TACOM	Feb-00	May-00	360	78	Yes	N/A
FY01			AM General, Mishawaka, IN		SS/Other	TACOM	Nov-00	Mar-01	360	79	Yes	N/A
REMARKS:												
AM General is the current contractor for the M1097A2 and the M1025A2. O'Gara Hess & Eisenhardt (OHE) is the contractor for the M1114 Up-Armor (The chassis is provided by AM General as 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. Deliveries of the M1114 Vehicles are only shown under the OHE contract.												

FY 00 / 01 BUDGET PRODUCTION SCHEDULE										P-1 Item Nomenclature: HI MOB MULTI-PURP WHILD VEH (HMMWV) (D15400)										Date: February 2000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Vehicle (D15400) M1097A2, M1113, M1025A2						220	170	177	80	166	220	138	104	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tailcat and Support Vehicles												TRUCK, DUMP, 20T (CCE) (D16001)	
Program Elements for Code B Items:												Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty					55	19	83	131	59	59		406	
Gross Cost	0.0	0.0	0.0	0.0	13.0	5.2	18.0	29.0	13.9	13.8		93.0	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	0.0	0.0	0.0	0.0	13.0	5.2	18.0	29.0	13.9	13.8		93.0	
Initial Spares													
Total Proc Cost	0.0	0.0	0.0	0.0	13.0	5.2	18.0	29.0	13.9	13.8		93.0	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: Dump Truck model (18.5Ton Commercial Construction Equipment), Model M917A1, 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, 18.5T, 12 cubic yard and 14 cubic yard heaped capacity dump, in a cab controlled double action hydraulic hoist system capable of a 50 degree tilt angle, 8 inch high removable sideboards, easy wind tarpaulin system, and an air actuated tailgate lock. This 18.5Ton Dump Truck is transportable by highway, rail, marine, and air modes worldwide. This Dump Truck with the Material Control System (MCS) has an air actuated four door tailgate controlled by the operator, capable of dumping loads through any one or all four gates.

JUSTIFICATION: FY01 procurement of the 18.5T Dump Truck will replace the aging M917 and F5070 dump trucks, which had an originally projected useful economic life of 14 years and are now 18-25 years old, and provide vehicles that activate newly organized Engineer Heavy Dump Truck Companies. Without these trucks, new unit activation will be delayed. This new Dump Truck will significantly improve readiness due to its state of the art components. Sustainment costs will be significantly reduced due to design consideration targeted at minimizing the cost to operate. The Army's Acquisition Objective is 1,076.

Program for FY99 and prior is in OPA Activity 3, Other Support Equipment.

Exhibit P-5a, Budget Procurement History and Planning										Date:	February 2000
Appropriation / Budget Activity/Serial No:		Weapon System Type:		P-1 Line Item Nomenclature:							
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				TRUCK, DUMP, 20T (CCE) (D16001)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revisn Avail	RFP Issue Date	
1. Vehicle (M917A1)											
FY00											
M917A1 W/O MCS	Freightliner, Portland, Oregon	Option	TACOM	Dec-99	Jul-00	33	168	YES	N/A		
M917A1 W MCS	Freightliner, Portland, Oregon	Option	TACOM	Dec-99	Jul-00	18	181	YES	N/A		
M917A2 W/O MCS	TBS	C/FFP	TACOM	May-00	Nov-00	3	170	YES	N/A	Dec 99	
M917A2 W MCS	TBS	C/FFP	TACOM	May-00	Nov-00	1	183	YES	N/A	Dec 99	
FY01											
M917A2 W/O MCS	TBS	Option	TACOM	Mar-01	Sep-01	4	173	YES	N/A		
M917A2 W MCS	TBS	Option	TACOM	Mar-01	Sep-01	15	187	YES	N/A		
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000	
Appropriation / Budget Activity/Serial No:		P-1 Item Nomendature:										FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)		
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Other Related Program Elements:										PE 0604604A/Project DH07 Medium Tactical Vehicles		
Program Elements for Code B Items:		Code:	FY 1998	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty														
Gross Cost	1082.1		236.3	201.6	335.5	424.1	438.3	465.9	681.9	662.9	13094.6	18320.4		
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc (P-1)	1082.1		236.3	201.6	335.5	424.1	438.3	465.9	681.9	662.9	13094.6	18320.4		
Initial Spares	0.1				0.1							0.2		
Total Proc Cost	1082.2		236.3	201.6	335.6	424.1	438.3	465.9	681.9	662.9	13094.6	18320.6		
Flyaway U/C														
Wpn Sys Proc U/C														

DESCRIPTION: The Family of Medium Tactical Vehicles (FMTV) is a complete series of trucks and trailers based on a common chassis and varied by payload and mission. The Light Medium Tactical Vehicle (LMTV) has a 2 1/2 ton capacity consisting of cargo and van models. The Medium Tactical Vehicle (MTV) has a 5 ton capacity, consisting of cargo, tractor, van, wrecker, tanker, and dump truck models. Subvariants provide Air Drop (AD) capability for contingency and rapid deployment operations. There is 85% commonality between variants which significantly reduces operation and maintenance costs. FMTV will perform over 55% of the Army's local and line haul, unit mobility, and unit resupply missions in combat, combat support, and combat service support units.

JUSTIFICATION: The FMTV is required to fill the 2-1/2 ton truck (LMTV) and 5 ton truck (MTV) requirements, reduce operating and support costs, resolve operational deficiencies and operate throughout the theater as multi-purpose transportation vehicles used by combat, combat support, and combat service support units. The system is designed to be rapidly deployable worldwide and operate on primary and secondary roads, trails, and cross-country terrain in all climatic conditions. FY01 funds the fourth year of a sole source 4-year multiyear production contract and the Congressionally directed competitive evaluation phase leading to a competitive multiyear production contract in FY02.

Exhibit P-5, Weapon OPA Cost Analysis				Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)				Weapon System Type:				Date: February 2000	
Cost Elements		ID	FY 98		FY 99		FY 00		FY 01		FY 00		FY 01		FY 01		
		CD	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	
1. Vehicles:																	
A																	
LMTV Cargo			105553	1041	101	22138	136	163	32575	271	120	53168	404	132			
LMTV Cargo w/ winch						2592	15	173				15095	106	142			
LMTV Cargo-Air Drop																	
LMTV Cargo-Air Drop w/ winch																	
LMTV Van			199	1	199	3027	14	216	9374	49	191	16811	86	195			
LMTV Van w/ winch																	
LMTV Chassis			96	1	96												
SUBTOTAL			105848	1043		27757	165		41949	320		85074	596				
MTV Cargo			22636	111	204	45025	285	158	151345	1022	148	119931	785	153			
MTV Cargo w/ Winch			865	4	216	13375	80	167	22841	145	158	13668	84	163			
MTV Cargo-Air Drop																	
MTV Cargo-Air Drop w/ Winch																	
MTV Cargo-Long Wheel Base																	
MTV Cargo-LWB w/ Winch																	
MTV Cargo-LWB & Mat'l Handl Equip																	
MTV Cargo-MHE			366	2	183	7797	50	156	7872	51	154	772	5	154			
MTV Dump						979	6	163									
MTV Dump w/ winch																	
MTV Dump-Air Drop			435	2	218	39642	194	204	12062	60	201	11097	53	209			
MTV Dump-Air Drop w/ Winch			187	1	187	7810	40	195									
MTV Tractor						1014	5	203									
MTV Tractor w/ Winch			403	3	134	72927	473	154	54449	368	148	62112	408	152			
MTV Wrecker						981	6	164	596	4	149	8004	49	163			
MTV Expansible Van			606	2	303	42740	135	317	45638	145	315	20001	62	323			
MTV Tanker																	
MTV Chassis			114	1	114												
MTV Chassis-LWB			114	1	114												
SUBTOTAL			25726	127		232290	1274		294803	1795		235585	1446				
LMTV Trailers (D03500)			155	4	39				8220	260	32	8120	260	31			
MTV Trailers (D04500)			202	4	51				11511	260	44	11418	260	44			
2. Federal Retail Excise Tax			4213			21933			13529			12146					
3. Engineering Changes			7344			15441			14326			13608					
4. Testing Contractor Government			8656			940			1398			1442					
			6431			3522			2675			1223					

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)				Weapon System Type:		Date: February 2000	
Cost Elements		FY 98		FY 99		FY 00		FY 01					
ID	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
5. Contractor Program Support		11720				6670					8451		8352
6. Engineering Support Government (In-house) Contractor Prod Qualification/Competitive Evaluation		3148 11332 2060			4540 5181 2268			4848 4250			4923 4659 15000		
7. Quality Assurance Support (In-house)		325			328			328			333		
8. HAC S&I A0 Improvements								739			16616		
9. Fielding Support		10542			10434			12161			16214		
10. Project Mgmt Support		3736			4202			4873			3543		
11. Kits		112											
Gross P-1 End Cost		201550			335506			424061			438256		
Less: Prior Year Adv Proc													
Net P-1 Full Funding Cost		201550			335506			424061			438256		
Plus: P-1 CY Adv Proc													
Other Non P-1 Costs					81								
Initial Spares													
Mods													
TOTAL		201550			335587			424061			438256		

Exhibit P-5a, Budget Procurement History and Planning												
Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles					Weapon System Type:			P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)			Date: February 2000	
WBS Cost Elements: Fiscal Years		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 Revisn Avail	RFP Issue Date
FY99 (A1 Trucks)		Stewart & Stevenson, Inc.		SSM-4(2)	TACOM	Nov-98	Dec-99	1439	181			
FY00 (A1 Trucks) (Trailers)		Stewart & Stevenson, Inc.		SSM-4(3)	TACOM	Nov-99	Oct-00	1796 520	166 38			
FY00 (A1 Trucks) (Trailers)		Stewart & Stevenson, Inc.		Option	TACOM	May-00	May-01	319	123			
FY01 (A1 Trucks) (Trailers)		Stewart & Stevenson, Inc.		SSM-4(4)	TACOM	Nov-00	Nov-01	2042 520	157 38			
FY01 (Competitive Evaluation)		TBS		CFFP	TACOM	Dec-00	n/a	n/a	n/a			Oct 00
REMARKS: The unit costs above are the average costs for a specific model mix of vehicles to be awarded on a particular award date. The unit costs on the P-5, however, are averages by <u>model</u> of <u>all</u> contracts. Therefore, the unit costs shown above will not equal the unit costs on the P-5.												

FY 2001 BUDGET PRODUCTION SCHEDULE																									P-1 Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEHICLES (FMTV) (D15500)										Date: February 2000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
COST ELEMENTS										Fiscal Year 04										Fiscal Year 05										L																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Exhibit P-40, Budget Item Justification Sheet										Date:	February 2000	
Appropriation / Budget Activity/Serial No:				P-1 Item Nomenclature:								
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				FIRETRUCKS & ASSOCIATED FIREFIGHTING EQU (D15800)								
Program Elements for Code B Items:				Other Related Program Elements:								
				Code:	A							
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty												
Gross Cost	0.0	0.0	0.0	0.0	7.3	14.8	17.1	40.2	22.0	6.8	0.0	108.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	0.0	0.0	0.0	0.0	7.3	14.8	17.1	40.2	22.0	6.8	0.0	108.3
Initial Spares												
Total Proc Cost	0.0	0.0	0.0	0.0	7.3	14.8	17.1	40.2	22.0	6.8	0.0	108.3
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: This line is a roll of various fire trucks which are used for such missions as fighting aircraft crashes and brush fires as well as being used at ammunition storage areas in Theater. The vehicles are also used to respond to forest fires, airline disasters, train disasters, automobile accidents, and hazardous material incidents. These vehicles are essential to all military installations and to many local communities for the preservation of life and property.

JUSTIFICATION: FY01 funding will replace many unsafe, overaged vehicles, which currently are unable to respond to fire calls, and/or are uneconomical to repair.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: FIRETRUCKS & ASSOCIATED FIREFIGHTING EQU (D15800)				Weapon System Type:		Date: February 2000	
		FY 98		FY 99		FY 00		FY 01					
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Firetruck, Non-Tactical								4880			14432		
2. Truck, Firefighting, Tactical								2463	4	616	398		
TOTAL								7343			14830		

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / Tactical and Support Vehicles / 51107000												FIRETRUCKS, NON-TACTICAL (D15801)	
Program Elements for Code B Items:												Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty													
Gross Cost	0.0	0.0	0.0	0.0	4.9	14.4	14.4	17.2	0.0	0.0	0.0	50.9	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	0.0	0.0	0.0	0.0	4.9	14.4	14.4	17.2	0.0	0.0	0.0	50.9	
Initial Spares													
Total Proc Cost	0.0	0.0	0.0	0.0	4.9	14.4	14.4	17.2	0.0	0.0	0.0	50.9	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: These vehicles are of standard commercial design with only slight modifications. Examples of these vehicles include Pumper Trucks, Structural Pumps, Ladder Trucks, Brush/Mini Pumper Trucks, Hazmat/Rescue Trucks, Brush Tankers, Airfield Crash Trucks and Multi-Purpose Firetrucks.

JUSTIFICATION: FY01 procures 6 Ladder Trucks, 27 Structural Pumps, 10 Airfield Crash Trucks, 9 Brush/mini Pumps and 5 Hazmat/ Rescue Trucks. Examples of MACOMs needing these trucks are Europe, MDW, FORSCOM, and TRADOC. Total AAO for all Non-Tactical fire trucks is 748. 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 overaged 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 the local communities, but also to forest fires, airline disasters, train disasters, 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.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT /Tactical and Support Vehicles / 51107000		P-1 Line Item Nomenclature: FIRETRUCKS, NON-TACTICAL (D15801)		Weapon System Type:		Date: February 2000				
Cost Elements		FY 98		FY 99		FY 00		FY 01				
		TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000		
1. Ladder Truck	A						939	2	470	2862	6	477
2. Structural Pumper	A						1830	8	229	6105	27	226
4. Airfield Crash Truck	A						2111	5	422	3250	10	325
5. Brush/Mini pumper	A									1350	9	150
6. Hazmat/Rescue Truck	A									865	5	173
TOTAL							4880			14432		

Exhibit P-5a, Budget Procurement History and Planning										Date:	February 2000										
Appropriation / Budget Activity/Serial No:			P-1 Line Item Nomenclature:																		
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles			FIRETRUCKS, NON-TACTICAL (D15801)																		
WBS Cost Elements:			Contract Method and Type		Location of PCO		Award Date		Date of First Delivery		QTY		Unit Cost		Specs Avail		Date Revis		RFP Issue Date		
Fiscal Years											Each		\$000		Now?		Avail				
FY00																					
Ladder Truck			TBS		GSA		Jan-00		Sep-00		2		470		Yes		NA				
Structural Pumper			TBS		GSA		Feb-00		Aug-00		8		229		Yes		NA				
Airfield Crash Truck			TBS		GSA		Jan-00		Aug-00		5		422		Yes		NA				
FY01																					
Ladder Truck			TBS		GSA		Jan-01		Aug-01		6		477		Yes		NA				
Structural Pumper			TBS		GSA		Jan-01		Aug-01		27		226		Yes		NA				
Airfield Crash Truck			TBS		GSA		Jan-01		Aug-01		10		325		Yes		NA				
Brush/Mini pumper			TBS		GSA		Jan-01		Aug-01		9		150		Yes		NA				
Hazmat/Rescue Truck			TBS		GSA		Jan-01		Aug-01		5		173		Yes		NA				
REMARKS:																					

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT /Tactical and Support Vehicles /51107000												TRUCK, FIREFIGHTING, TACTICAL (D15802)	
Program Elements for Code B Items:												Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty					4		5	53	48	13		123	
Gross Cost	0.0	0.0	0.0	0.0	2.5	0.4	2.7	23.0	22.0	6.8	0.0	57.4	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	0.0	0.0	0.0	0.0	2.5	0.4	2.7	23.0	22.0	6.8	0.0	57.4	
Initial Spares													
Total Proc Cost	0.0	0.0	0.0	0.0	2.5	0.4	2.7	23.0	22.0	6.8	0.0	57.4	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: The multi-purpose tactical fire truck is issued to Army tactical engineer units and is primarily used to fight aircraft crash and brush fires at ammunition storage areas in theater. The AAO is 107. The new tactical fire truck will have a six man cab in order to carry an entire firefighting team which the current truck cannot. Also, the new tactical vehicle will have a minimum of a 1000 gallon capacity, while the current trucks have only a 660 gallon capacity. The new tactical truck will have all-wheel drive rather than four wheel drive. The fire trucks currently fielded are unreliable and overage. Furthermore, these trucks do not meet user needs or National Fire Protection Agency Standards. The 1000 gallon water capacity is necessary to land Air Force aircraft on Army airfields. All wheel drive is essential for cross-country mobility. Procurement of fire trucks with new specifications will provide true tactical and multi-purpose capabilities.

JUSTIFICATION: The FY00/FY01 funding supports continuation of the Tactical Fire Fighting Truck program.

Exhibit P-5, Weapon OPA Cost Analysis			Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT /Tactical and Support Vehicles / 51107000				P-1 Line Item Nomenclature: TRUCK, FIREFIGHTING, TACTICAL (D15802)				Weapon System Type:		Date: February 2000	
Cost Elements			FY 98			FY 99			FY 00			FY 01		
			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	B								1420	4	355			
Hardware									205	2	103			
HEMTT Chassis									43					
2. Engineering Changes									466					
3. Government Testing - ATC									61			130		
4. Engineering Support (Government)									82			62		
5. Quality Assurance Support									186			82		
6. Program Management Support												124		
TOTAL									2463			398		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000
Appropriation / Budget Activity/Serial No:		Weapon System Type:		P-1 Line Item Nomenclature:						
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				TRUCK, FIREFIGHTING, TACTICAL (D15802)						
WBS Cost Elements: Fiscal Years	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 Revisn Avail	RFP Issue Date
FY00 Firefighting Equipment	TBS	C/FFP	TACOM	May-00	Jan-01	4	355	YES	NA	Feb 00
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet												Date:
Appropriation / Budget Activity/Serial No:												February 2000
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												
P-1 Item Nomenclature:												
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)												
Program Elements for Code B Items:												
Other Related Program Elements:												
PE 0604622 Family of Heavy Tactical Vehicles												
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty												
Gross Cost	3319.5	240.8	112.3	191.1	193.4	166.1	194.1	381.0	219.9	170.8	0.0	5188.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	3319.5	240.8	112.3	191.1	193.4	166.1	194.1	381.0	219.9	170.8	0.0	5188.9
Initial Spares	0.9											0.9
Total Proc Cost	3320.4	240.8	112.3	191.1	193.4	166.1	194.1	381.0	219.9	170.8	0.0	5189.8
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: This line includes various Heavy Tactical Wheeled Vehicles which are used in such missions as line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) along with companion trailers, flatracks (Container Roll-in/Out Platform (CROP)), Container Handling Units (CHU), and the Palletized Load System - Enhanced (PLS-E) configuration as well as the Heavy Equipment Transporter System (HETS), the Heavy Expanded Mobility Tactical Truck (HEMTT), and the Forward Repair System (FRS).

JUSTIFICATION: FY01 continues fill of PLS, HETS, HEMTT, Flatracks and CHU in FP II-IV, TAA-05, and Army National Guard Division Redesign units. Fields FRS to the First Digitized Division, and fields the objective PLS-E to the First Digitized Division (FDD) and Corps (FDC). Fields PLS Trailer, CROP, CHU, PLS-E, HEMTT Tanker, and HEMTT Wrecker to the Brigade Combat Team (BCT).

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)				Weapon System Type:		Date: February 2000			
ID	CD	FY 98		FY 99		FY 00		FY 01		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		TotalCost	Qty	UnitCost	TotalCost	TotalCost	Qty	UnitCost	TotalCost						
Cost Elements		\$000	Each	\$000	Each	\$000	Each	\$000	Each	\$000	Each	\$000	Each	\$000	Each
Family of Heavy Tactical Vehicles (DA0500)															
PALLETIZED LOAD SYSTEM (PLS)															
PLS Truck (D16500)		40793	142	287	25085	288	87	32007	368						
Trailer, PLS, 8x20 (D08900)		10877	241	45	4423	45	98	6051	53						
Cargo Bed (Flatrack)(D16100)		890			5446	8	717	5167	8						
Container Handling Unit (D16101)		1022	60	17	1856	18	101	4859	19						
PLS-Enhanced (PLS-E) (D16103)					6159	9	701	6356	9						
PLS Fielding		1726			2295										
PLS Proj Mgt Support		1588			1278										
Truck, 10T, 8x8															
Truck, Cargo, 10 T, 8x 8 (D16201)		8193	41	257											
Truck, Tank, Fuel Svc.(D16202)		10552	90	305	40437	309	131	17040	45						
Truck, Recovery, 10T, 8x8 (D16203)		27418			14936	230	65		47						
Truck, Cargo, 10T, 8x8 (D16204)															
Truck, Tractor, 10T, 8x8 (D16205)															
Heavy Equipment Transporter System (DV0012)		88018	192	- 458	86632	516	168	68280	118						
Forward Repair System (D16400)					4880	625	12	10754	18						
TOTAL		191077			193427			166119							

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												PALLETIZED LOAD SYSTEM (PLS) (D16500)	
Program Elements for Code B Items:												Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty	2851	153	95	142	87	87	117	320	66	69		3987	
Gross Cost	1108.6	124.0	41.1	56.9	46.5	54.4	74.7	159.1	58.3	48.8	0.0	1772.6	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	1108.6	124.0	41.1	56.9	46.5	54.4	74.7	159.1	58.3	48.8	0.0	1772.6	
Initial Spares													
Total Proc Cost	1108.6	124.0	41.1	56.9	46.5	54.4	74.7	159.1	58.3	48.8	0.0	1772.6	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: The Palletized Load System (PLS) is the primary component of the Modular Ammunition Company Concept and is interoperable with the comparable British, German and French systems, through the use of a common flatrack. The PLS consists of a 16.5 ton payload prime mover (10x10) with an integral load-handling system, which provides self-loading and unloading capability; a 16.5 ton payload trailer; and demountable cargo beds, or flatracks. The Container Handling Unit (CHU) is being fielded to transportation and ammunition units and to forward support battalions, providing the capability to pick up and transport 20 foot ISO containers without the use of a flatrack. The Palletized Load System - Enhanced (PLS-E) program procures the Movement Tracking System (MTS), providing various tactical wheeled vehicles with 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 International Standards Organization (ISO) intermodal container. Quantities noted above are for truck prime mover only. AAOs for PLS equipment are as follows: PLS Truck - 4,763, PLS Trailer - 3,824, Flatracks - 59,962, Container Handling Unit - 1,869, PLS-E - 33,879.

JUSTIFICATION: FY01 continues fill of PLS, Truck, PLS Trailer, Flatracks and CHU in FP I-III, TAA-05, and Army National Guard Division Redesign units, and fields the objective PLS-E to the First Digitized Division (FDD) and Corps (FDC). FY01 fields PLS Trailer, CROP, CHU, and PLS-E to the Brigade Combat Team (BCT). FY01 also initiates the enhancement program for PLS Trucks Trailers, and CHU through a competitive MYP acquisition of the Off-Road Family of Vehicles.

Exhibit P-5, Weapon OPA Cost Analysis				Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: PALLETIZED LOAD SYSTEM (PLS) (D16500)				Weapon System Type:		Date: February 2000			
Cost Elements				FY 98				FY 99				FY 00				FY 01	
				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																	
Trucks (D16500)	A			37678	142	265		87	271			22000	80		275		
Trailer (D08900)	A			10661	241	44		98	44			4718	107		44		
Flatracks (D16100)	B							717	6			4800	635		8		
CHU (D16101)	B			845	60	14		101	18			4464	248		18		
PLS-Enhanced (PLS-E) (D16103)	B							701	9			6356	720		9		
E1 Program																	
Trucks (D16500)	B											2065	7		295		
Trailer (D08900)	B											350	7		50		
CHU (D16101)	B											126	7		18		
SUBTOTAL				49184			40404			44879							
2. Engineering Changes				1473			716			770							
3. Government Testing - ATC				475			335			4150							
4. Engineering Support Government				614			441			461							
5. Quality Assurance Support Government				604			370			383							
6. Documentation				1232			703			700							
7. Special Tools																	
8. Fielding Support				1726			2295			1797							
9. Proj Mgmt Support				1588			1278			1300							
TOTAL				56896			46542			54440							

Exhibit P-5a, Budget Procurement History and Planning												
Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles					Weapon System Type:		P-1 Line Item Nomenclature: PALLETIZED LOAD SYSTEM (PLS) (D16500)					
WBS Cost Elements: Fiscal Years		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Data Revis Avail	RFP Issue Date
Trucks (D16500)		Oshkosh, WI		Option	TACOM	Feb-99	Jun-99	142	265	Yes	N/A	N/A
FY 99		"		SS/FFP	TACOM	Jan-00	Jun-00	87	271	Yes	N/A	May 99
FY 00		"		Option	TACOM	Dec-00	Jun-01	80	275	Yes	N/A	N/A
FY 01		TBS		C/MYP	TACOM	Dec-00	Aug-01	7	295	No	May-00	May-00
FY01												
Trailer (D08900)		Bradenton, FL		Option	TACOM	Feb-99	Aug-99	96	44	Yes	N/A	N/A
FY 99		"		Option	TACOM	Jul-99	Oct-99	69	44	Yes	N/A	N/A
FY 99		"		Option	TACOM	Jan-00	Jun-00	76	44	Yes	N/A	N/A
FY99		"		Option	TACOM	Jan-00	Jun-00	98	44	Yes	N/A	May 99
FY 00		"		SS/FFP	TACOM	Dec-00	Jun-01	107	44	Yes	N/A	N/A
FY 01		TBS		Option	TACOM	Dec-00	Aug-01	7	50	No	May-00	May-00
FY01				C/MYP	TACOM							
Flatracks (D16100)		TBS		Option	TACOM	Jan-00	Sep-00	717	6	Yes	N/A	N/A
FY 00		TBS		Option	TACOM	Jan-01	Sep-01	635	8	Yes	N/A	N/A
FY 01												
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet													Date: February 2000			
Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles													P-1 Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)			
Program Elements for Code B Items:													Code: A		Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog				
Proc Qty	83	197	98	192	168	118	144	152	146	118		1416				
Gross Cost	386.1	84.4	42.3	88.0	86.6	68.3	82.9	86.4	86.6	71.9	0.0	1083.6				
Less PY Adv Proc																
Plus CY Adv Proc																
Net Proc (P-1)	386.1	84.4	42.3	88.0	86.6	68.3	82.9	86.4	86.6	71.9	0.0	1083.6				
Initial Spares																
Total Proc Cost	386.1	84.4	42.3	88.0	86.6	68.3	82.9	86.4	86.6	71.9	0.0	1083.6				
Flyaway U/C																
Wpn Sys Proc U/C																
DESCRIPTION: The Heavy Equipment Transporter System consists of the M1000 Semitrailer and the M1070 Truck Tractor. Together, they form a system whose primary mission is to transport main battle tanks and heavy equipment. Quantities shown above are systems. The HETS AAO is 2554. The HETS continues to provide the only tactical transportation and evacuation support for the main battle tank and other heavy tracked combat vehicles. The M1000/M1070 HETS also has the capability to self-load and unload disabled tanks. FY01 procures the the M1000E1 and M1070E1 programs which provide enhanced capability for both the trailer and tractor. The enhancements are performance-based and include technology insertion items which focus on improving reliability, maintainability, safety, and Department of Transportation/Environmental Protection Agency (DOT/EPA) compliance.																
JUSTIFICATION: FY01 funding buys 118 systems for activation of National Guard Total Army Analysis (TAA-05) and Army National Guard Division Redesign HET Transportation Motor Transport companies and initiates the HETS E1 program.																

Exhibit P-5, Weapon OPA Cost Analysis			Appropriation/ Budget Activity/Serial No. OTHER PROCUREMENT / / Tactical and Support Vehicles				P-1 Line Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)				Weapon System Type:		Date: February 2000	
ID	CD	Cost Elements	FY 98		FY 99		FY 00		FY 01					
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	TotalCost	UnitCost	Each	\$000
		1. Vehicle												
		M1070 Tractor				45645	192	238						
		M1000 Trailer				33639	171	197						
		M1070E1 Tractor							41268	168	246			
		M1000E1 Trailer							32463	165	197			
		SUBTOTAL				79284			73731		59934			
		2. Federal Retail Excise Tax				5607			4952		3946			
		3. Engineering Changes				323			3506		1798			
		4. Government Testing - ATC, YPG Contractor Testing - CPT				491 546			547 473		585			
		5. Documentation				269			1400		428			
		6. Engineering Support Government				105			202		237			
		7. Quality Assurance Support				164			354		161			
		8. System Fielding Support				395			602		375			
		9. PM Support				834			865		816			
		TOTAL				88018			86632		68280			

Exhibit P-5a, Budget Procurement History and Planning									
Appropriation / Budget Activity/Serial No:					Date: February 2000				
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles					P-1 Line Item Nomenclature:				
WBS Cost Elements:					HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)				
Fiscal Years					RFP Issue Date				
					Date Avail				
					Revsn				
					Now?				
					Specs Avail				
					Unit Cost \$000				
					QTY Each				
					Date of First Delivery				
					Award Date				
					Location of PCO				
					Contract Method and Type				
					Contractor and Location				
					M1070 Tractor				
					FY99				
					FY99				
					FY99				
					FY00				
					M1000 Trailer				
					FY 99				
					FY 99				
					FY99				
					FY 00				
					M1070E1 Tractor				
					FY 01				
					M1000E1 Trailer				
					FY 01				
					REMARKS:				

Exhibit P-40, Budget Item Justification Sheet											
Appropriation / Budget Activity/Serial No:						Date:		February 2000			
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles						P-1 Item Nonenditure:		Truck, 10T, 8x8, ABT (D16200)			
Program Elements for Code B Items:						Code:		PE 0604622 Family of Heavy Tactical Vehicles			
						Other Related Program Elements:					
						A					
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total Prog
Proc Qty	11297	123	93	131	196	92	85	423	235	144	12819
Gross Cost	1824.8	32.3	28.9	46.2	55.4	32.6	25.7	121.8	64.2	39.5	2271.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	1824.8	32.3	28.9	46.2	55.4	32.6	25.7	121.8	64.2	39.5	2271.4
Initial Spares											
Total Proc Cost	1824.8	32.3	28.9	46.2	55.4	32.6	25.7	121.8	64.2	39.5	2271.4
Flyaway U/C											
Wpn Sys Proc U/C											

DESCRIPTION: The 10-ton truck is a diesel-powered, 8-wheel drive, tactical vehicle available in five body styles, two cargo configurations, a wrecker, tanker and tractor. The Heavy Expanded Mobility Tactical Truck (HEMTT) transports ammunition, petroleum, oils and lubricants and is used as the prime mover for certain missile systems. The M984A1 wrecker is the recovery vehicle for other wheeled support and combat vehicle systems. The M978 Tanker is a 2500 Gallon Fuel Transporter.

JUSTIFICATION: FY01 buys M984A1 HEMTT Wreckers to fill FP II/III and IV requirements, and buys M978 HEMTT Tankers to fill FP I/II/ and III requirements. The M984A1 Wrecker and M978 Tanker will be fielded to meet Brigade Combat Team (BCT) requirements. AAO for the M984A1 HEMTT Wrecker and M978 HEMTT Tanker are 2586 and 5285, respectively. FY01 also initiates the enhancement program for HEMTT vehicles through a competitive MYP acquisition of the Off-Road Family of Vehicles.

Exhibit P-5, Weapon OPA Cost Analysis			Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: TRUCK, 10T, 8X8 ABT (D16200)				Weapon System Type:		Date: February 2000	
Cost Elements			FY 98		FY 99		FY 00		FY 01					
			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														
		Truck, Cargo, 10T, 8x8 (D16201)			8193							9786	42	233
		Truck, Tank, Fuel Svc, 8x8 (D16202)			8912	41	217					11909	44	271
		Truck, Recovery, 10T, 8x8 (D16203)			23373	90	260	34453	131	263				
		Truck, Cargo, 57000 GVW, 8x8						12574	65	193				
		HEMTT E1												
		Truck, Tank, Fuel Svc, 8x8 (D16202)										689	3	230
		Truck, Recovery, 10T, 8x8 (D16203)										846	3	282
SUBTOTAL					40478			47027				23230		
2. Federal Retail Excise Tax (FRET)					3874			5643				2787		
3. Engineering Changes					221			685				345		
4. Government Testing, ATC					290			225				3405		
5. Engineering Support Government					255			420				445		
6. Quality Assurance Support					115			181				240		
7. Documentation					167			122				793		
8. Special Tools												200		
9. System Fielding Support					269			345				455		
10. PM Support					494			725				745		
TOTAL					46163			55373				32645		

Exhibit P-5a, Budget Procurement History and Planning											
Appropriation / Budget Activity/Serial No:				Weapon System Type:				Date: February 2000			
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: TRUCK, TANK, FUEL SVC, 2500 G, 8X8 (D16202)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type		Location of PCO		Award Date		Date of First Delivery	
Fiscal Years											
Truck, Tank, Fuel Svc, 8x8 (D16202)		Oshkosh Truck Corp. Oshkosh, WI		Option		TACOM		Jan-99		Mar-99	
FY99				Option		TACOM		Mar-99		May-99	
FY99		"		Option		TACOM		Dec-00		Feb-01	
FY 01		TBS		C/MYP		TACOM		Dec-00		Aug-01	
FY 01										May-00	
Truck, Recovery, 10T, 8x8 (D16203)		Oshkosh Truck Corp. Oshkosh, WI		Option		TACOM		Jan-99		Mar-99	
FY 99				Option		TACOM		Mar-99		May-99	
FY99		"		Option		TACOM		Jan-00		Feb-00	
FY 00		"		Option		TACOM		Dec-00		Feb-01	
FY 01		TBS		C/MYP		TACOM		Dec-00		Aug-01	
FY 01										May-00	
Truck, Cargo, 57,000 GVW, 8x8 (D16204)		Oshkosh Truck Corp. Oshkosh, WI		Option		TACOM		Jan-00		Feb-00	
FY00										193	
										Yes	
										N/A	
										N/A	
										N/A	
										N/A	
										N/A	
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Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000	
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:		
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												FORWARD REPAIR SYSTEM (D16400)		
Program Elements for Code B Items:												Other Related Program Elements:		
PE 64622 E51, Forward Repair System, Heavy												Code: B		
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog		
Proc Qty					12	18	18	23	18	18		107		
Gross Cost	0.0	0.0	0.0	0.0	4.9	10.8	10.7	13.7	10.7	10.7	0.0	61.3		
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc (P-1)	0.0	0.0	0.0	0.0	4.9	10.8	10.7	13.7	10.7	10.7	0.0	61.3		
Initial Spares														
Total Proc Cost	0.0	0.0	0.0	0.0	4.9	10.8	10.7	13.7	10.7	10.7	0.0	61.3		
Flyaway U/C														
Wpn Sys Proc U/C														

DESCRIPTION: This is an Army Warfighter Rapid Acquisition Program (WRAP). The Forward Repair System (FRS) is a high-mobility, forward maintenance system that reduces repair cycle-time, enabling conversion to the Force XXI design. By integrating already proven systems and the PLS Truck, 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 PLS Truck as well as a maintenance enclosure with 30KW TQG, 5.5 ton capacity crane, welding equipment, industrial-quality power air and hand tools, air compressor, automated break out box, tool cabinets, and accepts as a host platform FBCB2 and MTS connectivity. The FRS will free the M88 recovery vehicle from its present captive role as a repair vehicle, which means increased availability of M88 recovery vehicles for recovery missions. The FRS will replace M113 tracked systems currently performing this mission, yielding a 90% reduction in repair parts costs as well as enhanced battlefield capability with demonstrated reductions in repair cycle time (RCT) of 35-50%. The FRS meets maneuver commander's need for a repair system that is responsive, effective, and reduces the number of systems requiring evacuation.

JUSTIFICATION: The FY01 program buys 18 FRS systems for the First Digitized Division (FDD). FRS AAO is 1074.

Exhibit P-5, Weapon OPA Cost Analysis				Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: Forward Repair System (D16400)				Weapon System Type:		Date: February 2000				
Cost Elements		ID	FY 98				FY 99				FY 00				FY 01			
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	
1. Vehicle																		
PLS Truck		A										1355	5	271	4950	18	275	
FRS Module		B										2704	12	225	4500	18	250	
SUBTOTAL												4059			9450			
2. Engineering Changes																		
3. Government Testing, ATC												112			341			
4. Engineering Support Government												319			365			
5. Quality Assurance Support Government												99			180			
6. Documentation												36			52			
7. System Fielding Support												79			82			
8. Program Management Support												60			144			
												116			140			
TOTAL												4880			10754			

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000
Appropriation / Budget Activity/Serial No:		Weapon System Type:			P-1 Line Item Nomenclature:					
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles					Forward Repair System- Heavy (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 Reven Avail	RFP Issue Date
Fiscal Years										
PLS Truck										
FY 00	Oshkosh Truck Corp.	Option	TACOM	Dec-99	Jul-00	5	271	Yes	N/A	N/A
FY 01	Oshkosh, WI	Option	TACOM	Dec-00	Jun-01	18	275	Yes	N/A	N/A
FRS Module										
FY 00	Rock Island Arsenal	Option	TACOM	Dec-99	Jun-00	12	225	Yes	N/A	N/A
FY 01	"	Option	TACOM	Dec-00	Jun-01	18	250	Yes	N/A	N/A
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												ARMORED SECURITY VEHICLES (ASV) (D02800)	
Program Elements for Code B Items:												0604328D	
Code: B												Other Related Program Elements:	
Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog		
Proc Qty	14	10		10	20	20	20	20	20		134		
Gross Cost	9.4	9.5	0.0	7.0	13.5	13.6	13.7	13.4	13.4	0.0	93.4		
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	0.0	9.4	9.5	7.0	13.5	13.6	13.7	13.4	13.4	0.0	93.4		
Initial Spares													
Total Proc Cost	0.0	9.4	9.5	7.0	13.5	13.6	13.7	13.4	13.4	0.0	93.4		
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: The Armored Security Vehicle (ASV) is a lightly armored all-wheel drive 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 four persons. 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 facepieces, a multi-salvo smoke grenade launcher, a crew/engine compartment fire suppression system, an intercom system w/radio interface, transparent armor and blackout capability.

JUSTIFICATION: The ASV will be used by the Military Police (MP) to perform missions of security, battlefield circulation and law and order across the entire operational continuum. The MP units are under-protected for their doctrinal combat support mission. The ASV concept was approved in June 1987 under the Armored Family of Vehicles Operational and Organizational concept. The MPs will either conduct Force XX1 missions in a warfighting environment or they will perform force protection and stabilization operations in a short of war contingency environment. FY 2000 and FY 2001 funds the second and third year of a multi-year procurement contract. The Army Acquisition Objective (AAO) is 1,794.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: ARMORED SECURITY VEHICLES (ASV) (D02800)				Weapon System Type:		Date: February 2000	
ID	CD	FY 99		FY 00		FY 01		FY 01		FY 01		FY 01	
		TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000
1. Vehicle (D02800)	B							5585	10	559	11170	20	559
2. Engineering Changes								168			335		
3. Testing Contractor Government Follow on Production Test (CRTC)								40			37		
4. Documentation								40			210		
5. System Technical Support (STS)								50			78		
6. Engineering Support In-House								113			600		
7. Quality Assurance Support (TACOM)								160			162		
8. Fielding Support								87			89		
9. Project Mgmt Support								250			250		
								520			522		
TOTAL													
								7013			13453		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000
Appropriation / Budget Activity/Serial No:		P-1 Line Item Nomenclature:								
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		ARMORED SECURITY VEHICLES (ASV) (D02800)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revisn Avail	RFP Issue Date
Fiscal Years										
1. Vehicle (D02800)	Textron Marine & Land Systems*	SSM-5(1)	TACOM	Mar-99	Apr-00	10	559	Yes	N/A	N/A
FY 98	Textron Marine & Land Systems*	SSM-5(2)	TACOM	Feb-00	Apr-01	10	559	Yes	N/A	N/A
FY 00	Textron Marine & Land Systems*	SSM-5(3)	TACOM	Nov-00	Sep-01	20	559	Yes	N/A	N/A
FY 01										
REMARKS: Textron Marine & Land Systems, New Orleans, LA										

Exhibit P-40, Budget Item Justification Sheet										Date:	February 2000			
Appropriation / Budget Activity/Serial No:		P-1 Item Nomenclature:								TRUCK, TRACTOR, LINE HAUL, M915M916 (DA0600)				
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Other Related Program Elements:												
Program Elements for Code B Items:		Code:	FY 1998	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty														
Gross Cost	419.1		0.0	0.0	64.9	49.9	43.0	52.2	56.7	61.5	58.7			805.9
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc (P-1)	419.1		0.0	0.0	64.9	49.9	43.0	52.2	56.7	61.5	58.7			805.9
Initial Spares														
Total Proc Cost	419.1		0.0	0.0	64.9	49.9	43.0	52.2	56.7	61.5	58.7			805.9
Flyaway U/C														
Wpn Sys Proc U/C														

DESCRIPTION: This is a roll of two tractors, Tractor Line Haul (M915) and the Truck, Tractor, Light Equipment Transporter (LET), 6x6 (M916), which share common components to form a family of vehicles. Common components include the cab, engine, and transmission.

JUSTIFICATION: FY01 funding supplies new vehicles for newly activated petroleum companies organized as a result of a Desert Storm deficiency. These new petroleum companies will add necessary fuel handling capacity to support the modern battlefield. Without these new trucks, the petroleum units will be activated with new M1062 trailers and no trucks to haul them and the previous deficiency to supply fuel to move forces will continue. Because the M915 truck tractor is experiencing below the goal mission capable rates and is difficult and expensive to support due to its age, the new M915A3 truck tractor will significantly improve readiness by leveraging high production rate commercial truck technology.

Exhibit P-40, Budget Item Justification Sheet												Date:
Appropriation / Budget Activity/Serial No:												February 2000
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												P-1 Item Nomenclature:
Program Elements for Code B Items:												TRUCK, TRACTOR, LINE HAUL, M915A3 (D15900)
Code:												Other Related Program Elements:
Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty	5417		479	344	275	284	276	260	234		7569	
Gross Cost	290.9	0.0	64.9	49.9	43.0	43.0	42.9	42.2	39.3		616.1	
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	290.9	0.0	64.9	49.9	43.0	43.0	42.9	42.2	39.3		616.1	
Initial Spares												
Total Proc Cost	290.9	0.0	64.9	49.9	43.0	43.0	42.9	42.2	39.3		616.1	
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: M915A3 Line Haul Tractor, is a Non-Developmental item vehicle found primarily in medium transportation companies and is a prime mover to transport breakbulk, containers and petroleum over primary and secondary roads. It is a 6x4 tractor with a 2 1/2 inch kingpin and 105,000 Gross Combination Vehicle Weight (GCVW) capacity. The M915A3 is transportable by highway, rail, marine, and air modes worldwide.

JUSTIFICATION: The FY01 funding supplies new vehicles for newly activated petroleum companies organized as a result of a Desert Storm deficiency. These new petroleum companies will add necessary fuel hauling capacity to support the modern battlefield. Without these new trucks, the petroleum units will be activated with new M1062 trailers and no trucks to haul them and the previous deficiency to supply fuel to move forces will continue. Because the M915 truck tractor is experiencing below the goal mission capable rates and is difficult and expensive to support due to its age, the new M915A3 truck tractor will significantly improve readiness by leveraging high production rate commercial truck technology. The Army's Acquisition Objective is 6,956.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915A3 (DT5900)				Weapon System Type:		Date: February 2000	
ID	CD	FY 98		FY 99		FY 00		FY 01		TotalCost	UnitCost	Qty	UnitCost
		TotalCost	Qty	TotalCost	Qty	TotalCost	Qty	TotalCost	Qty				
Cost Elements		\$000	Each	\$000	Each	\$000	Each	\$000	Each	\$000	Each	\$000	Each
1. Vehicle (M915A3)				57000	479	119							
2. Federal Retail Excise Tax				4850									
3. Engineering Change Proposals				359									
4. Documentation				1328									
5. Test/Production Verification Test (ATC)				775									
6. Engineering Support													
- In-House				185									
7. Program Management Support				400									
2. Vehicle (M915A3) Rebuy								43000	344				
2. Federal Retail Excise Tax								4300		125		34375	275
3. Engineering Change Proposals								95				4158	
4. Documentation								135				294	
5. Test/Production Verification Test (ATC)								400				775	
6. Engineering Support												460	
- In-House												195	
7. Program Management Support								290				464	
8. System Fielding Support								500				2268	
TOTAL				64897				49920				42989	

Exhibit P-5a, Budget Procurement History and Planning										Date:
Appropriation / Budget Activity/Serial No:		P-1 Line Item Nomenclature:								
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		TRUCK, TRACTOR, LINE HAUL, M915A3 (D15900)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revis Avail	RFP Issue Date
Fiscal Years										
1. Vehicle (M915A3)										
FY99 W/O FRET	Freightliner, Portland, Oregon	Option	TACOM	Feb-99	Aug-99	135	119	YES	N/A	
FY99 W/O FRET	Freightliner, Portland, Oregon	Option	TACOM	Sep-99	Jun-01	44	119	YES	N/A	
FY99 W FRET	Freightliner, Portland, Oregon	Option	TACOM	Feb-99	Aug-99	156	119	YES	N/A	
FY99 W FRET	Freightliner, Portland, Oregon	Option	TACOM	Jun-99	Mar-01	140	119	YES	N/A	
FY99 W FRET	Freightliner, Portland, Oregon	Option	TACOM	Sep-99	Apr-01	4	119	YES	N/A	
2. Vehicle (M915A3) Rebuy										
FY00 W FRET	TBS	C/FP REQ5(1)	TACOM	May-00	Nov-00	344	125	YES	N/A	Jan 00
FY01	TBS	C/FP REQ5(1)	TACOM	Dec-00	Sep-01	275	125	YES	N/A	
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / Tactical and Support Vehicles / 51108385												TRUCK, TRACTOR, LT, EQ, M916A1	
Program Elements for Code B Items:												Other Related Program Elements:	
Code: A													
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty							71	107	142	142		462	
Gross Cost	0.0	0.0	0.0	0.0	0.0	0.0	9.2	13.8	19.3	19.4		61.6	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	0.0	0.0	0.0	0.0	0.0	0.0	9.2	13.8	19.3	19.4		61.6	
Initial Spares													
Total Proc Cost	0.0	0.0	0.0	0.0	0.0	0.0	9.2	13.8	19.3	19.4		61.6	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: The M916A3 will be used primarily with the M870 semitrailer, lowbed, 40 ton to transport engineer construction equipment in the local, line haul and maintenance evacuation missions on primary, secondary and off-road conditions. The M916A3 has an on-board winch capable of pulling engineer construction equipment onto the M870 semitrailer. The maximum Gross Combination Vehicle Weight of the M916A3 when towing the M870 40 Ton Semitrailer is 130,000 pounds. If these trucks are not procured, the Army will continue to operate with over-age, expensive to maintain, below the fully mission capable goal. The Army's Acquisition Objective is 2,598.

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)	
Program Elements for Code B Items:												Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty	220			35	24		35	35				349	
Gross Cost	11.3	0.0	0.0	3.3	2.0	0.0	4.0	3.9	0.0	0.0		24.4	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	11.3	0.0	0.0	3.3	2.0	0.0	4.0	3.9	0.0	0.0		24.4	
Initial Spares													
Total Proc Cost	11.3	0.0	0.0	3.3	2.0	0.0	4.0	3.9	0.0	0.0		24.4	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: The Truck Tractor, Yard Type, (C/S) is primarily used to provide a capability to shuttle semitrailers loaded with containers of breakbulk cargo within fixed ports, on prepared beaches during Logistics-Over-The-Shore (LOTS) operations, and in trailer transfer areas. The vehicle is a highly maneuverable commercial tractor with an automatic locking, hydraulic-lock fifth wheel, which facilitates semitrailer coupling and disengagement and allows movement of the semitrailer/chassis without retracting the landing legs. It is capable of moving vehicles weighing up to 88,000 pounds.

JUSTIFICATION: The FY99/FY00 program for the Truck Tractor, Yard Type, (C/S) are required to fill existing shortages, provide vehicles for newly created Cargo Transfer Companies and replace overage M878 and M878A1 vehicles. These trucks are required to transport containerized cargo from port facilities to transfer points for line haul operations. If these trucks are not procured, ability of the Army to strategically deploy from ships in preparation for forward movement will not be possible. The Army's Acquisition Objective is 333.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles			P-1 Line Item Nomenclature: TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)			Weapon System Type:		Date: February 2000			
ID	CD	FY 98			FY 99			FY 00			FY 01		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
Cost Elements		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle	A				2450	35	70	1680	24	70			
2. Engineering Change Proposals					84								
3. Testing/IPT/Transportability at TECOM					250								
4. Engineering Support													
- In-House					100								
5. Quality Assurance													
- In-House					50								
6. Program Management Support					165								
7. System Fielding Support					200								
TOTAL					3299						1952		

Exhibit P-5a, Budget Procurement History and Planning										Date:
Appropriation / Budget Activity/Serial No:										February 2000
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles										
Weapon System Type:										
P-1 Line Item Nomenclature:										
TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)										
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revis Avail	RFP Issue Date
Fiscal Years										
1. Vehicle										
FY 99	Crane Carrier Corp Tulsa, OK	MIPR	GSA	Sep-99	Jan-00	35	70	Yes	N/A	N/A
FY 00	Crane Carrier Corp Tulsa, OK	MIPR	GSA	May-00	Mar-01	24	70	Yes	N/A	N/A
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet												Date:
Appropriation / Budget Activity/Serial No:												February 2000
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												P-1 Item Nomenclature:
Program Elements for Code B Items:												HVY EXPANDED MOBILE TACTICAL TRUCK EXT S (DV0021)
Code: B												Other Related Program Elements:
Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty				84	94	162	279	315	677		1611	
Gross Cost	0.0	0.0	0.0	11.7	17.2	31.1	50.9	56.1	125.2	0.0	292.3	
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	0.0	0.0	0.0	11.7	17.2	31.1	50.9	56.1	125.2	0.0	292.3	
Initial Spares												
Total Proc Cost	0.0	0.0	0.0	11.7	17.2	31.1	50.9	56.1	125.2	0.0	292.3	
Flyaway U/C												
Wpn Sys Proc U/C												
DESCRIPTION: The Heavy Expanded Mobility Tactical Truck Extended Service Program (HEMTT ESP) remanufactures and enhances existing HEMTT vehicles. The enhancements are technology insertion-based and focus on improving reliability, maintainability, safety, and DOT/EPA compliance. The HEMTT ESP vehicles will be "like-new" with a full new vehicle warranty. Fielding of the current HEMTTs began in 1983 and most of the 11,517 HEMTTs were produced before 1990. Prior to Operation Desert Storm (ODS), readiness rates consistently exceeded the 90% Army goal. After ODS, the HEMTT fleet dropped below the 90% goal, requiring a wide range of corrective actions. Because of the low readiness rates, the need to provide an Environmental Protection Agency (EPA) -compliant powertrain, and changes in Department of Transportation (DOT) requirements (such as ABS brakes), the HEMTT ESP program was initiated to address these areas of opportunity through insertion of the available technology enhancements into the remanufacturing program. JUSTIFICATION: FY01 buys 85 HEMTT ESP with Load Handling System configuration to complete fill of First Digitized Division (FDD) and to transformation brigades (Brigade Combat Teams).												

Exhibit P-5, Weapon OPA Cost Analysis			Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Line Item Nomenclature: HVY EXPANDED MOBILE TACTICAL TRUCK EXT S (DV0021)				Weapon System Type:		Date: February 2000	
Cost Elements			FY 98			FY 99			FY 00			FY 01		
			TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
	ID	CD	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle														
HEMTT LHS		A					84	132	11088		11390	85		134
HEMTT ESP M984		B									583	3		194
HEMTT ESP M978		B									528	3		176
HEMTT ESP LHS		B									438	3		146
SUBTOTAL									11088		12939			
2. Engineering Changes									67		422			
3. Government Testing - ATC									238		1299			
4. Documentation									101		1493			
5. Engineering Support Government									40		89			
6. Quality Assurance Support									40		125			
7. System Fielding Support									35		442			
8. PM Support									43		424			
TOTAL									11652		17233			

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												MEDIUM TRUCK EXTENDED SVC PGM(ESP) (PREV (DV0008))	
Program Elements for Code B Items:												Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty	583	667		595								1845	
Gross Cost	37.0	47.7	0.0	40.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.5	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	37.0	47.7	0.0	40.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.5	
Initial Spares													
Total Proc Cost	37.0	47.7	0.0	40.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.5	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: The 2 1/2 Ton Extended Service Program (ESP) provides vehicles that reduce O & S costs, enhanced performance, and include numerous safety improvements. The remanufactured vehicles are equipped with a new engine, Central Inflation Tire System (CTIS) and radial tires for enhanced mobility, automatic transmission and upgraded brake and steering systems.

JUSTIFICATION: The ESP allows the total Army (Active, Reserve, and National Guard) to enhance readiness in a time of declining defense spending. The 2 1/2 ton ESP Truck ended production in April 1999.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		P-1 Line Item Nomenclature: MEDIUM TRUCK EXTENDED SVC PGM(ESP) (PREV SLEP (DV0008)		Weapon System Type:		Date: February 2000	
ID	CB	FY 98		FY 99		FY 00		FY 01	
		TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each	UnitCost \$000	TotalCost \$000	Qty Each
1. Vehicle					38149	595	64		
2. Engineering Charges					624				
3. Testing (TECOM) Government Contractor					250				
4. Documentation					306				
5. Engineering Support Government Contractor					282				
6. Quality Assurance Support									
7. Fielding Support					342				
8. Project management Support					875				
TOTAL					40828				

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2000
Appropriation / Budget Activity/Serial No:		P-1 Line Item Nomenclature:								
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		MEDIUM TRUCK EXTENDED SVC PGM(ESP) (PREV SLEP (DV00008)								
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 Revis Avail	RFP Issue Date
Fiscal Years										
2 1/2 Truck Extended Svc Program										
FY99	AM General, South Bend, IN	SS	TACOM	Oct-98	Dec-98	400	65	No	9/98	
FY99	AM General, South Bend, IN	SS	TACOM	Dec-98	Mar-99	195	65	No		
REMARKS: Last Delivery, April 1999.										

Exhibit P-40, Budget Item Justification Sheet												Date:	
Appropriation / Budget Activity/Serial No:												February 2000	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												P-1 Item Nomenclature:	
Program Elements for Code B Items:												LINE HAUL ESP (DV0011)	
		Code:	Other Related Program Elements:										
		A	FY 1998	FY 1997	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty					55	115	362	367	367	233	234		1733
Gross Cost	0.0		0.0	0.0	4.9	9.2	27.1	27.4	27.3	18.4	18.4		132.8
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	0.0		0.0	0.0	4.9	9.2	27.1	27.4	27.3	18.4	18.4		132.8
Initial Spares													
Total Proc Cost	0.0		0.0	0.0	4.9	9.2	27.1	27.4	27.3	18.4	18.4		132.8
Flyaway U/C													
Wpn Sys Proc U/C													
DESCRIPTION: The Line Haul truck tractor is an upgrade vehicle primarily found in Medium Transportation Companies used as a prime mover to transport breakbulk, containers and petroleum over primary and secondary roads. It is a 6x4 tractor with a 2 1/2 inch kingpin and 105,000 Gross Combination Vehicle Weight capacity. The Line Haul truck tractor is transportable by highway, rail, marine and air modes worldwide. The Line Haul truck tractor combines new state of the art components such as the cab, transmission, electrical and air systems with the existing Line Haul truck tractor engine and rear axle to create the M915A4 tractor at a cost effective price. JUSTIFICATION: The FY01 program to upgrade the M915A4 Line Haul truck tractor will significantly improve readiness by using selected components from aging 17-19 year old line haul fleet, combined with the upgrade "glider" kit, to produce upgraded vehicles at a cost effective unit price. These upgraded tractors will replace the current M915 Line Haul tractors with the newly upgraded M915A4 tractor on a one for one basis. The M915 Line Haul truck tractor is currently experiencing below the goal mission capable rates and is difficult and expensive to support due to its age. The upgraded M915A4 Line Haul truck tractor will significantly improve readiness due to its new cab, transmission, electrical systems, as well as enhancements such as Anti-Lock System (ABS) brakes and air conditioning. Cost of this upgrade is approximately 50% of the cost of acquiring a new truck.													

Exhibit P-5, Weapon OPA Cost Analysis			Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles			P-1 Line Item Nomenclature: LINE HAUL ESP (DV0011)			Weapon System Type:			Date: February 2000		
Cost Elements			FY 98			FY 99			FY 00			FY 01		
			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						3685	55	67	7820	115	68	24978	362	69
2. Application of Kits						220			460			1251		
3. Engineering Change Proposal						192			220			149		
4. Documentation						80			207			210		
5. Testing/REMAN Test at ATC						620			200			131		
6. Program Management Support						145			250			260		
7. System Fielding Support									60			75		
TOTAL						4942			9217			27054		

Exhibit P-5a, Budget Procurement History and Planning										Date:
Appropriation / Budget Activity/Serial No:										February 2000
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles										
Weapon System Type:										
P-1 Line Item Nomenclature:										
LINE HAUL ESP (DV0011)										
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revisn Avail	RFP Issue Date
Fiscal Years										
1. Hardware										
FY 99	Freightliner, Portland, Oregon	C/FP REQ 5(1)	TACOM	Jan-99	Nov-99	55	67	Yes	No	
FY 00	Freightliner, Portland, Oregon	C/FP REQ 5(2)	TACOM	Dec-99	May-00	100	68	Yes	No	
FY00	Freightliner, Portland, Oregon	C/FP REQ 5(3)	TACOM	Mar-00	Oct-00	15	68	Yes	No	
FY 01	Freightliner, Portland, Oregon	C/FP REQ 5(4)	TACOM	Oct-00	Feb-01	362	69	Yes	No	
REMARKS:										

FY 00 / 01 BUDGET PRODUCTION SCHEDULE										LINE HAUL ESP (DV0011)										Date: February 2000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Exhibit P-40, Budget Item Justification Sheet											Date:	February 2000
Appropriation / Budget Activity/Serial No:											P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles											MODIFICATION OF IN SVC EQUIP (DA0924)	
Program Elements for Code B Items:											Other Related Program Elements:	
Code:											A	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty												
Gross Cost	117.6	2.3	3.4	10.9	31.5	28.9	36.7	17.2	9.3	9.4	0.0	267.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	117.6	2.3	3.4	10.9	31.5	28.9	36.7	17.2	9.3	9.4	0.0	267.3
Initial Spares												
Total Proc Cost	117.6	2.3	3.4	10.9	31.5	28.9	36.7	17.2	9.3	9.4	0.0	267.3
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: Funds hardware and application of HMMWV 3 Point Seatbelt Modification, M939 Anti-Lock Brake System, M939 Tire Improvement System, M939 Stainless Steel Cab, HMMWV Rear Differential Oil Cooler, HET Air Conditioning and Fuel Injection Test Stand Upgrade for A8020.

JUSTIFICATION: FY 2001 funds support the M939 Tire Improvement, M939 Anti-Lock Brake System, and HMMWV 3 PT Seatbelt modifications. These three 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 FY 90-95 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.

Exhibit P-40M Budget Item Justification Sheet													
Appropriation / Budget Activity/Serial No.				Date		February 2000							
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				P-1 Item Nomenclature		MODIFICATION OF IN SVC EQUIP (DA0924)							
Program Elements for Code B Items				Code		Other Related Program Elements							
				A									
Description				Fiscal Years									
OSIP NO.	Classification			FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	TC	Total
HMMWV 3 PT Seatbelts													
1-92-06-4401	Safety			0.0	1.8	2.7	1.0	5.9	7.3	0.0	0.0	13.8	32.5
M939 Tire Improvement													
1-97-06-4532	Safety			3.4	1.7	8.6	10.0	8.0	4.5	4.6	0.0	0.0	40.8
M939 Anti-Lock Brake System													
1-97-06-4533	Safety			0.0	7.4	18.2	17.9	20.8	4.4	4.7	0.0	0.0	73.4
M939 Stainless Steel Cab													
1-98-06-4541	Reliability			0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	9.4
HMMWV Rear Differential Oil Cooler													
1-98-06-4551	Safety			0.0	0.0	0.0	0.0	2.0	1.0	0.0	0.0	2.3	5.3
HET Airconditioning													
1-00-XX-XXXX				0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
A8020 Fuel Injection Test Stand Upgrade													
1-00-ACALA				0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Totals													
				3.4	10.9	31.5	28.9	36.7	17.2	9.3	9.4	16.1	163.4

INDIVIDUAL MODIFICATION																																																																																																																																																																																					
MODIFICATION TITLE: HMMWV 3 PT Seatbelts 1-92-06-4401										Date																																																																																																																																																																											
MODELS OF SYSTEMS AFFECTED: All HMMWV Models										February 2000																																																																																																																																																																											
DESCRIPTION / JUSTIFICATION: Provides three point seatbelts for the front and rear seats on all basic armor and non-armor HMMWV models. The three point seatbelt is a safer and more effective restraint system than the two point seatbelt. Total requirement is for 76,925 kits plus 771 template kits.																																																																																																																																																																																					
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Three point seatbelts were added to the HMMWV vehicles in response to increased safety regulations in 1989. The three point belt system was cut into production for all vehicle models beginning with vehicle number 100,000. Retrofit kits for pre 100,000 serial number vehicles were developed and modeled after the production version. This material change will be applied using one of the three hardware kits and template kits developed to cover the different vehicle configurations.																																																																																																																																																																																					
Installation Schedule: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2">Pr Yr</th> <th colspan="4">FY 1999</th> <th colspan="4">FY 2000</th> <th colspan="4">FY 2001</th> <th colspan="4">FY 2002</th> <th colspan="4">FY 2003</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> </tr> </thead> <tbody> <tr> <td>Inputs</td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> </tr> <tr> <td>Outputs</td> <td>39232</td><td></td><td></td><td></td> <td></td><td></td><td></td><td>194</td> <td></td><td></td><td></td><td>500</td> <td></td><td></td><td></td><td>1000</td> <td></td><td></td><td></td><td>2400</td> </tr> <tr> <td></td> <td>39232</td><td></td><td></td><td></td> <td></td><td></td><td></td><td>194</td> <td></td><td></td><td></td><td>500</td> <td></td><td></td><td></td><td>1000</td> <td></td><td></td><td></td><td>2400</td> </tr> <tr> <td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> </tr> <tr> <td>Inputs</td> <td>2800</td><td>2800</td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> </tr> <tr> <td>Outputs</td> <td>2800</td><td>2800</td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> </tr> </tbody> </table>															Pr Yr	FY 1999				FY 2000				FY 2001				FY 2002				FY 2003				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Inputs																					Outputs	39232							194				500				1000				2400		39232							194				500				1000				2400																						Inputs	2800	2800																			Outputs	2800	2800																		
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MODELS OF SYSTEMS AFFECTED: M939 Family of Vehicles																																																																																																																																																																																																																																																																														
DESCRIPTION / JUSTIFICATION: Approximately 50% of the M939 Basic accidents are related to the operation of Non-Directional Cross Country (NDCC) tires on wet roads. This design was engineered for cross country applications prior to WWII. This design has proven too aggressive for operating trucks with little or no load. For the past two years, the M939 Series Trucks have been operating under a SOUM limiting the highway speed to 40 MPH in an attempt to limit accidents, injuries and fatalities occurring under this highway operational 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 design will provide better traction and mobility which will enhance system safety. Operating and support costs will also be significantly reduced.																																																																																																																																																																																																																																																																														
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Hardware Procurement - 17 May 99 Hardware Application - 4 Jan - Dec 04																																																																																																																																																																																																																																																																														
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Exhibit P-3a Individual Modification

INDIVIDUAL MODIFICATION										Date	February 2000	
MODIFICATION TITLE: M939 Anti-Lock Brake System 1-97-06-4533												
MODELS OF SYSTEMS AFFECTED: M939 Family of Vehicles												
DESCRIPTION / JUSTIFICATION: The current design brake system is of commercial design with the capacity to stop heavy loads under adverse conditions. This design has proven too aggressive for operating trucks with little or no load. For the past two years, the M939 Series Trucks have been operating under a SOUM limiting the highway speed to 40 MPH in an attempt to limit accidents, injuries and fatalities occurring under this highway operational scenario. In FY95 this truck was responsible for 26% of the total Army Military Vehicle (AMV) accidents and 53% of the total AMV fatalities. In the FY90-95 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. Extensive testing of ABS systems for this truck has shown that ABS will eliminate 100% of the engine stalls regardless of the skill level of the drivers. This will allow the lifting of the 40 MPH speed limit allowing the vehicles to once more be fully capable of being safely operated up to their Required Operational Capability standards.												
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 - 4 Jan 00 - Dec 04												
Installation Schedule:												
		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		
Pr Yr	1	2	3	4	1	2	3	4	1	2	3	4
Totals												
Inputs												
Outputs												
		FY 2004		FY 2005		FY 2006		FY 2007		Totals		
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1800	1800	1418	1009	1009								
1800	1800	1418	1009	1009								
Inputs												
Outputs												
METHOD OF IMPLEMENTATION: Contract Dates: FY 1999 May 99 Delivery Date: FY 1999 Jan 00												
ADMINISTRATIVE LEADTIME: 3 Months PRODUCTION LEADTIME: 4 Months FY 2000 Feb 00 FY 2000 Apr 00 FY 2001 Jan 01 FY 2001 May 01												

INDIVIDUAL MODIFICATION																
MODIFICATION TITLE: M939 Stainless Steel Cab 1-98-06-4541													Date	February 2000		
MODELS OF SYSTEMS AFFECTED: M939 Family of Vehicles																
DESCRIPTION / JUSTIFICATION: The Program Management Office has designed a new Stainless Steel Cab to incorporate changes necessary to eliminate current field problems and prepare for future mission requirements. The current steel cab costs \$6,000.00 and lasts approximately five (5) years in high corrosive environment. The Stainless Steel Cab costs \$8,000.00 and is projected to last 25 years thereby reducing O&S costs. The Stainless Steel Cab is designed to support a weapons station that was added on to the old cab. The old cab would break at approximately 5,000 miles because it was not designed to support the additional weight. The new Stainless Steel Cab is designed from the ground up to provide structural support for the Weapons Station and the Crew Protection Kit (CPK). The existing CPK should be redesigned so that it will fully meet the requirements of the CPK ORD, provide better weight distribution and vehicle dynamics, faster application and removal times and reduced CPK costs. This CPK redesign effort is unfunded at this time. Additionally, the Stainless Steel Cab is designed with integral roll-over protection and three point seat belts to improve safety during low speed (<30 mph) roll-overs.																
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Developmental Test and Evaluation - Jun 97 - May 99 Technical Data Package Available - 3Q00 Initial Production Test (IPT) - 1Q01																
Installation Schedule:																
Pr Yr	FY 1999			FY 2000			FY 2001			FY 2002			FY 2003			
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	
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Installation Schedule:																
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PRODUCTION LEADTIME: 3 Months																

INDIVIDUAL MODIFICATION															Date	February 2000																																																																																																																																																																																																						
MODIFICATION TITLE: HMMWV Rear Differential Oil Cooler 1-98-06-4551																																																																																																																																																																																																																						
MODELS OF SYSTEMS AFFECTED: XM1113 Expanded Capacity Vehicle and XM1114 Up-Armored HMMWV																																																																																																																																																																																																																						
DESCRIPTION / JUSTIFICATION: The HMMWV Rear Differential Oil Cooler is an "oil to oil" cooler using some excess heat capacity in the power steering cooler to cool the rear differential in conditions of high temperatures and high loading which may lead to oil break down and differential overheating and failure. In order to reduce cost of frequent replacement, a periodic oil change is being added to field maintenance actions. This represents unacceptable burden on the user. The differential temperature issue is considered an operational deficiency so critical by the Army User community that they will not allow release of more than a limited number of the vehicles without a modification plan to install a differential cooler. Cost of the differential cooler will be partially offset by savings in logistics burden of oil changes including transport of Petroleum Oil and Lubricants (POL) in the forward area.																																																																																																																																																																																																																						
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Level II Drawings Available - 4Q98 Production Award - 1Q02 Hardware Application - 2Q02 - 1Q04																																																																																																																																																																																																																						
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Exhibit P-40, Budget Item Justification Sheet											Date:	February 2000
Appropriation / Budget Activity/Serial No:											P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles											ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)	
Program Elements for Code B Items:											Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty												
Gross Cost	59.8	0.2	4.1	0.9	1.6	1.9	1.9	1.7	1.5	1.5	0.0	75.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	59.8	0.2	4.1	0.9	1.6	1.9	1.9	1.7	1.5	1.5	0.0	75.0
Initial Spares												
Total Proc Cost	59.8	0.2	4.1	0.9	1.6	1.9	1.9	1.7	1.5	1.5	0.0	75.0
Flyaway U/C												
Wpn Sys Proc U/C												

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

JUSTIFICATION: FY01 requirements include fleet initial fieldings, Equipment Readiness Code (ERC) A shortages, interchange requirements.

a. Shop Equipment, Automotive Maintenance and Repair, Field Maintenance Supplemental Number 1, provides the necessary components required for field maintenance on general automotive vehicles and equipment. Set is intended for use by field maintenance personnel. There are 24 valid Army requirements: 6 Readiness Fixing shortages; 16 ERC A shortages; and 2 ERC B shortages.

b. Shop Equipment, Fuel and Electric Systems, Field Maintenance, Less Power, is used in general/direct support maintenance for all fuel and electrical systems. There are 13 Readiness Fixing shortages and 76 ERC A shortages.

c. Automotive Basic Common #1 G389 is the basic automotive SKO required by the Army to maintain all of the Army's wheeled vehicles. There are currently 136 backorders for authorized units.

d. Automotive Basic Common #2 G390 is the basic automotive SKO required by the Army to maintain all of the Army's tracked vehicles. There are currently 69 backorders for authorized units, mostly ERC A and ERC B.

Exhibit P-5a, Budget Procurement History and Planning									
Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				Weapon System Type:		P-1 Line Item Nomenclature:			
WBS Cost Elements:				Contract Method and Type		Location of PCO		Award Date	
Fiscal Years				Contractor and Location		Date of First Delivery		QTY Each	
FY 99				SS/FP		TACOM, Warren, MI		Jan-99	
Heavy Armored Sedan (Light)				O'Gara-Hess & Eisenhardt (Fairfield, OH) (See Remarks)				Feb-99	
Heavy Armored Sedan (Light)				See Remarks					
- Kit Ready Vehicles				Grande Truck, San Antonio, TX				May-99	
- Armor Application/Transportation				Square One Armoring Svc (Miami, FL)		GSA		Jul-99	
Heavy Armored Sedan (Heavy)				BMW & Daimler-Chrysler		Off-Shore (Europe)		Sep-99	
Heavy Armored Sedan (Heavy)				O'Gara-Hess & Eisenhardt (Fairfield, OH) (See Remarks)		TACOM, Warren, MI		May-99	
FY00				C/FP		Off-Shore		Apr-00	
Heavy Armored Sedan (Heavy)				TBS				Aug-00	
Heavy Armored Sedan (Heavy)				TBS		Tacom, Warren, MI		Apr-00	
FY01				C/FP		Off-Shore		Mar-01	
Heavy Armored Sedan (Heavy)				TBS				Sep-01	
REMARKS:				D22100 (Light): Thirty-four vehicles procured through both GSA and TACOM. The kit-ready vehicles were acquired from Grande (via GSA), while armor attachment (kit) installed by Square One (via TACOM). First delivery of thirty-four completed (armored) vehicles in Jul 99.					
				D22100 (Heavy): Off Shore contracts: BMW for 13 each (Mar 99 award) and Daimler-Chrysler for 1 each (Sep 99 award)					
				D22100 (Heavy): O'Gara-Hess & Eisenhardt awarded sole source contract for (2) Light and (4) Heavy vehicles due to urgent nature of the requirements combined with availability of the vehicles.					

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												PASSENGER CARRYING VEHICLES (D23000)	
Program Elements for Code B Items:												Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty	67406	14		25	36	35	29	29	27	27		67628	
Gross Cost	359.4	0.3	0.0	0.5	0.8	0.8	1.1	1.1	1.0	1.0	0.0	366.0	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	359.4	0.3	0.0	0.5	0.8	0.8	1.1	1.1	1.0	1.0	0.0	366.0	
Initial Spares													
Total Proc Cost	359.4	0.3	0.0	0.5	0.8	0.8	1.1	1.1	1.0	1.0	0.0	366.0	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: Vehicles are of standard commercial design, intended to provide transportation for Army personnel and dependent schoolchildren. Vehicles are procurable from commercial production lines and include sedans, ambulances and buses. Passenger Carrying vehicles (primarily sedans) are also used for investigation, field intelligence and security.

JUSTIFICATION: FY01 program will provide funding for non-tactical vehicles that are urgently required to satisfy priority requirements, fill existing worldwide shortages and replace overage/overmileage vehicles. Fielding of the sedans will alleviate excessive downtime, reduce maintenance and repair costs and maximize mission capabilities of users (primarily OCONUS activities).

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000							
Appropriation / Budget Activity/Serial No:												P-1 Item Nomenclature:			GENERAL PURPOSE VEHICLES (DV0013)					
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles												Other Related Program Elements:								
Program Elements for Code B Items:												Code:	A							
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog								
Proc Qty																				
Gross Cost	369.7	1.3	0.0	1.5	1.0	1.0	1.5	1.3	1.0	1.0	0.0	379.2								
Less PY Adv Proc																				
Plus CY Adv Proc																				
Net Proc (P-1)	369.7	1.3	0.0	1.5	1.0	1.0	1.5	1.3	1.0	1.0	0.0	379.2								
Initial Spares																				
Total Proc Cost	369.7	1.3	0.0	1.5	1.0	1.0	1.5	1.3	1.0	1.0	0.0	379.2								
Flyaway U/C																				
Wpn Sys Proc U/C																				

DESCRIPTION: Vehicles are of standard commercial design, intended primarily for general administrative use in transporting personnel and cargo. Vehicles are procurable from commercial production lines and include light to heavy trucks such as carryalls, panel trucks, stake trucks, trailers, semitrailers and fuel-servicing tankers.

JUSTIFICATION: The FY01 program for General Purpose Vehicles is urgently required to satisfy high priority requirements, fill existing worldwide shortages, and replace overage/overmileage vehicles. Carryalls, utility trucks, cargo trucks are needed at OCONUS locations, where GSA leasing is not available. Carryalls are also needed for covert OCONUS activities. Fielding of new General Purpose Vehicles will alleviate excessive downtime, reduce maintenance and repair costs, and provide greater operational safety.

Exhibit P-40, Budget Item Justification Sheet												Date:	February 2000
Appropriation / Budget Activity/Serial No:		P-1 Item Nomenclature:										SPECIAL PURPOSE VEHICLES (DV0014)	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Other Related Program Elements:											
Program Elements for Code B Items:		Code:	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog	
Proc Qty													
Gross Cost	245.1	0.4	0.0	14.1	24.9	1.0	0.9	0.9	1.0	1.0	0.0	289.3	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	245.1	0.4	0.0	14.1	24.9	1.0	0.9	0.9	1.0	1.0	0.0	289.3	
Initial Spares													
Total Proc Cost	245.1	0.4	0.0	14.1	24.9	1.0	0.9	0.9	1.0	1.0	0.0	289.3	
Flyaway U/C													
Wpn Sys Proc U/C													

DESCRIPTION: Vehicles are commercially designed for specialized use in the 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. Special Purpose Vehicles are managed under the age or mileage criteria.

JUSTIFICATION: FY01 funding of new vehicles will provide for greater operational safety, alleviate excessive downtime, reduce maintenance and repair costs and maximize the mission capabilities of users. Most Special Purpose Vehicles are not being converted to General Services Administration (GSA) lease; therefore, support to the health and welfare missions of the field must continue to be provided by procurement. All budgeted procurements of non-tactical vehicles are urgently required to satisfy high priority requirements, fill existing worldwide shortages and replace overage/overmileage/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. FY99 Supplemental funding in the amount of \$12M has been authorized to support the execution of Weapons of Mass Destruction requirement. Of that amount, \$7.2M is for the Unified Command Suites and \$4.8M for the Mobile Analytical Labs (MALs). For FY00, additional funds (\$24M) were added to OPA; of this amount, \$18M is for the Unified Command Suites and \$6M is for the MALs.

Exhibit P-5a, Budget Procurement History and Planning										Date:	February 2000
Appropriation / Budget Activity/Serial No:		Weapon System Type:		P-1 Line Item Nomenclature:							
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				SPECIAL PURPOSE VEHICLES (DV0014)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revisn Avail	RFP Issue Date	
Fiscal Years											
FY99	Various	MIPR/FP	DISC/GSA	Jan-99	Jan-00	15	139	Yes	NA		
Special Purpose Vehicles	Various	Contract	Various	Jun-99	Oct-99	12	130	Yes	NA		
Material to complete 12 UCS	Various	Contract	Various	Aug-99	Apr-00	11	295	Yes	NA		
Material/Equipment to complete 12 MAL											
FY00	Various	MIPR/FP	GSA	Feb-00	Aug-00	7	148	Yes	NA		
Special Purpose Vehicles	NAVAIRWARCENACDIV	Option	Various	Feb-00	May-00	15	800	Yes	NA		
Material to complete UCS	St. Inlgoes, MD.										
Material/Equipment to complete MAL	NAVAIRWARCENACDIV	Contract	Various	Feb-00	May-00	15	295	Yes	NA		
FY01	Various	MIPR/FP	GSA	Jan-01	Jul-01	7	146	Yes	NA		
Special Purpose Vehicles											
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date:	February 2000	
Appropriation / Budget Activity/Serial No:			P-1 Item Nomenclature:									
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles			SYSTEM FIELDING SUPPORT PEO (DA0070)									
Program Elements for Code B Items:			Other Related Program Elements:									
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty												
Gross Cost	26.0	2.6	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	26.0	2.6	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7
Initial Spares												
Total Proc Cost	26.0	2.6	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7
Flyaway U/C												
Wpn Sys Proc U/C												
DESCRIPTION: Funds are required to support total package fielding, first destination transportation and new equipment training for PEO programs.												
JUSTIFICATION: Funds are required to complete the acquisition cycle for the Medium Truck Extended Service Program (ESP) and other truck programs by providing necessary resources to ship vehicles to first destination and to fund hand-off/deprocessing teams to ensure complete, operable systems are provided to the soldier in the field. Many of the systems are required to fill critical shortages, replace overaged vehicles, or provide new advanced technology. Also, funds new equipment training teams required to perform operator through general support maintenance training to support fielding of new systems.												

Exhibit P-40, Budget Item Justification Sheet										Date:	February 2000	
Appropriation / Budget Activity/Serial No:		P-1 Item Nomenclature:								PROJECT MANAGEMENT SUPPORT (DA0073)		
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Other Related Program Elements:										
Program Elements for Code B Items:		Code:	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty	Prior Years											
Gross Cost	17.1		3.1	1.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	22.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	17.1		3.1	1.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	22.5
Initial Spares												
Total Proc Cost	17.1		3.1	1.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	22.5
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: Funds personnel, travel and related costs so that the PM can plan, direct and control resources and associated projects including initial production, product assurance and testing, and distribution and logistics support.

JUSTIFICATION: PM's mission and functions primarily supported the procurement and fielding of the Medium Truck Extended Service Program (ESP), and other truck programs. These vehicle systems are required to fill shortages, modernize fleets, and fulfill critical needs.

Exhibit P-40, Budget Item Justification Sheet											Date:	February 2000
Appropriation / Budget Activity/Serial No:											P-1 Item Nomenclature:	
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles											SYSTEM FIELDING SUPPORT (TACOM) (DA0071)	
Program Elements for Code B Items:											Other Related Program Elements:	
	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total Prog
Proc Qty												
Gross Cost	9.8	1.3	0.7	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	9.8	1.3	0.7	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.1
Initial Spares												
Total Proc Cost	9.8	1.3	0.7	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.1
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: FDT funds provide the movement of Army equipment, modification kits, assemblies, and components from the manufacturing point to a CONUS depot or other points of first acceptance within the CONUS supply system. (NOTE: Excludes transportation costs paid by a vendor as prescribed in a procurement contract.) TPF is the standard method of fielding new equipment developed under the Army's force modernization program. The materiel developer plans, develops, acquires, and deploys the materiel systems, including Associated Support Items of Equipment (ASIOE) and Support List Allowance (SLAC) items through a physical handoff to the user. The TPF costs include SLAC items, deprocessing, Temporary Duty (TDY), salaries. Beginning in FY 00, System Fielding funds are reflected with individual items of equipment.