

DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book
FY 2001 Budget Estimate

OTHER PROCUREMENT, ARMY ACTIVITY 1, TACTICAL AND SUPPORT VEHICLES

APPROPRIATION

February 2000

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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
				(7)	(8)	(9)	(10)	(11)	(12)
	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)
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	QTY	COST	QTY	COST
				(7)	(8)	(9)	(10)	(11)	(12)
	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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: TACTICAL TRAILERS/DOLLY SETS (DA0100)

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

	Prior Years	FY 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	ID CD	FY 98			FY99			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)	A				164			31					
HIGH MOBILITY TRAILER (D06700)	A				10332	586	18	5421					
HEAVY EXPANDED MOB AMMUNITION TRLR (D05700)	A							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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: HIGH MOBILITY TRAILER (D06700)

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	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 CD	FY 98			FY99			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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon System Type:			P-1 Line Item Nomenclature: HIGH MOBILITY TRAILER (D06700)					
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 Revsn Avail	RFP Issue Date
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:

OTHER PROCUREMENT /1/Tactical and Support Vehicles

P-1 Item Nomenclature:

HEAVY EXPANDED MOBILITY AMMUNITION TRAILER (HEMAT) (D05700)

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	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		
Cost Elements	ID CD	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 (D05700)								8272	218	38			
2. Testing (ATC)								45					
3. System Technical Support (STS)								515					
4. Engineering Support In-House								300					
5. Quality Assurance Support (TACOM)								112					
6. System Fielding Support								86					
7. Program Management Support								270					
								160					
TOTAL								9760					

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 Revsn 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: OTHER PROCUREMENT /1/Tactical and Support Vehicles
 P-1 Item Nomenclature: SELF-LOAD/OFF-LOAD TRAILER (SLOT) (DA0101)

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				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 PY 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	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 (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								
6. Project Management Support					200			52					
TOTAL					5947			1204					

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: SELF-LOAD/OFF-LOAD TRAILER (SLOT)					
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 Revsn Avail	RFP Issue Date
1. Vehicle (DA0101)										
FY 99	TBS	SS/FP	TACOM	Aug-00	Mar-01	62	82	No	N/A	Jun 00
FY00	TBS	SS/FP	TACOM	Aug-00	Jul-01	11	82	No	N/A	Jun 00

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT /Tactical and Support Vehicles / 51100254
 P-1 Item Nomenclature: TRAILER, CARGO 3/4T, 2W, M101A3 W/E

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	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	ID CD	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 - 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:
February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT /Tactical and Support Vehicles / 51100254		Weapon System Type:			P-1 Line Item Nomenclature: TRAILER, CARGO 3/4T, 2W, M101A3 W/E						
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 Revsn Avail	RFP Issue Date	
1. Vehicle (D06200) FY 00	TBD	C/FFP	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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: SEMITRAILER FB/BB CONT TRANS 22 1/2 T (D01500)

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

	Prior Years	FY 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	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	A				1552	63	25	5587	221	25	9874	374	26
2. Federal Retail Excise Tax					212			762			1346		
3. Testing (ATC)													
- Initial Production Test					207								
- Comparison Test								50					
4. System Technical Support					123			75			44		
5. Engineering Support													
- In-House					208			214			221		
6. Quality Assurance Support													
- In-House					20			21			21		
7. Program Management Support					254			261			269		
8. System Fielding Support								108			360		
TOTAL					2576			7078			12135		

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 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 Revsn Avail	RFP Issue Date
1. Vehicle										
FY 99	Fontaine, Haleyville, AL	MIPR	GSA	Feb-99	Jul-00	63	25	Yes	N/A	
FY 00	Fontaine, Haleyville, AL	MIPR	GSA	Feb-00	Nov-00	221	25	Yes	N/A	
FY 01	Fontaine, Haleyville, AL	MIPR	GSA	Feb-01	Jul-01	374	26	Yes	N/A	

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: SEMITRAILER LB 40T M870A3 (CCE) (D00700)

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	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	ID CD	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				1929	41	47	1162	24	48	1162	24	48
Replacement of Test Vehicles					96	2	48						
2. Federal Retail Excise Tax					277			158			158		
3. Testing - ATC													
- Production Verification Test					284								
4. System Technical Support					66			173			30		
5. Engineering Support													
- In-House					128			76			185		
6. Program Management Support					298			153			267		
7. System Fielding Support								196			110		
TOTAL					3078			1918			1912		

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 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 Revsn Avail	RFP Issue Date
1. Vehicle										
FY 99	Kalyn Seibert, Gatesville, TX	Option	TACOM	Mar-99	Jun-00	41	47			
FY99	Kalyn Seibert, Gatesville, TX	Option	TACOM	Aug-99	May-00	2	48			
FY 00	Kalyn Seibert, Gatesville, TX	Option	TACOM	Jan-00	Jun-00	24	48			
FY 01	Kalyn Seibert, Gatesville, TX	Option	TACOM	Nov-00	Dec-00	24	48			

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: SEMITRAILER, TANK, 5000G (D02300)

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												
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 / 1 / 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			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
SEMITRAILER TANK 5000G BULKHAUL	A							21034	243	87	26774	305	88
SEMITRAILER TANK 5000G AUTOMOTIVE	A				5480	52	105	4224	38	111	3439	31	111
TOTAL					5480			25258			30213		

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: SEMITRAILER TANK 5000G BULKHAUL (D02304)

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	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-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 BULKHAUL (D02304)			Weapon System Type:			Date: February 2000		
Cost Elements	ID CD	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							18031	243	74	23039	305	76
2. Federal Retail Excise Tax (FRET)								2163			3142		
3. Testing - ATC													
- Production Verification Test								128					
- Comparison Test											25		
4. System Technical Support								88			25		
5. Engineering Support													
- In-House								238			130		
- Contractor								30					
6. Quality Support													
- In-House								40					
7. Program Management Support								207			213		
8. System Fielding Support								109			200		
TOTAL								21034			26774		

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 Revsn 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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)

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

	Prior Years	FY 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 CD	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				4514	52	87	3420	38	90	2871	31	93
2. Federal Excise Tax (FET)					553			410			391		
3. Government Furnished Equip (Wheels)					142								
4. Testing - ATC													
- Production Verification Test								100					
5. System Technical Support								100			61		
6. Engineering Support													
- In-House					10			50			52		
7. Quality Support - In-House								10			10		
8. Program Management Support					261			16			16		
9. 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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon System Type:			P-1 Line Item Nomenclature: SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)					
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 Revsn Avail	RFP Issue Date
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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: SEMITRAILER, TANK, 7500G, BULKHAUL (D02700)

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	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 (D02700)			Weapon System Type:			Date: February 2000		
Cost Elements	ID CD	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								130			50		
4. System Technical Support					84			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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon System Type:			P-1 Line Item Nomenclature: SEMITRAILER, TANK, 7500G, BULKHAUL (D02700)					
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 Revsn Avail	RFP Issue Date
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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129 (D04800)

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	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		
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	A				5280	80	66	4855	74	66	4320	67	64
2. Federal Retail Excise Tax					720			662			589		
3. Testing - ATC											300		
- Production Verification Test											150		
4. System Technical Support								50					
5. Engineering Support													
- In-House					197			125			255		
- Contractor													
6. Quality Assurance Support											25		
- In-House											300		
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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon System Type:			P-1 Line Item Nomenclature: SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129 (D04800)					
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 Revsn Avail	RFP Issue Date
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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)

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

	Prior Years	FY 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 MULTI-PURP WHLD VEH (HMMWV) (D15400)			Weapon System Type:			Date: February 2000		
Cost Elements	ID CD	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													
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)					130			157			210		
Cooling Test (YPG)					59			43					
Preproduction Qualification Test (ATC)					318								
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 (HMMWV) (D15400)					
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 Revsn Avail	RFP Issue Date	
M1097A2, M1113, M1025A2											
FY99	AM General, Mishawaka, IN	SS/Other	TACOM	Dec-98	Jan-00	426	54	Yes	N/A	N/A	
FY99	AM General, Mishawaka, IN	SS/Other	TACOM	May-99	Aug-00	4	54	Yes	N/A	N/A	
FY00	AM General, Mishawaka, IN	SS/Other	TACOM	Dec-99	Oct-00	314	57	Yes	N/A	N/A	
FY00	AM General, Mishawaka, IN	SS/Other	TACOM	Mar-00	Feb-01	167	58	Yes	N/A	N/A	
FY01	AM General, Mishawaka, IN	SS/Other	TACOM	Nov-00	Jun-01	642	59	Yes	N/A	N/A	
M1114 (Up-Armor)											
FY99	O'Gara Hess & Eisenhardt	SS/Other	TACOM	Jun-99	Dec-00	245	71	Yes	N/A	N/A	
FY00	O'Gara Hess & Eisenhardt	SS/Other	TACOM	Feb-00	Aug-00	360	74	Yes	N/A	N/A	
FY01	O'Gara Hess & Eisenhardt	SS/Other	TACOM	Jan-01	Jul-01	360	75	Yes	N/A	N/A	
Government Furnished Equipment (Chassis)											
FY99	AM General, Mishawaka, IN	SS/Other	TACOM	Dec-98	Mar-00	145	73	Yes	N/A	N/A	
FY00	AM General, Mishawaka, IN	SS/Other	TACOM	Feb-00	May-00	360	78	Yes	N/A	N/A	
FY01	AM General, Mishawaka, IN	SS/Other	TACOM	Nov-00	Mar-01	360	79	Yes	N/A	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.

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: TRUCK, DUMP, 20T (CCE) (D16001)

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					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-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles			P-1 Line Item Nomenclature: TRUCK, DUMP, 20T (CCE) (D16001)			Weapon System Type:			Date: February 2000		
Cost Elements	ID CD	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													
M917A1													
- W/O Material Control System							5555	33	168				
- W Material Control System							3258	18	181				
M917A2													
- W/O Material Control System							510	3	170	692	4	173	
- W/Material Control System							183	1	183	2805	15	187	
2. Federal Retail Excise Tax													
M917A1													
- W/O Material Control System							677						
- W Material Control System							398						
M917A2													
- W/O Material Control System							65			84			
- W Material Control System							22			336			
4. Engineering Change Proposals							358			200			
5. Documentation							545			291			
6. Testing/Production Verification Test (ATC)							700			200			
7. Engineering Support													
- In-House							250			240			
8. Program Management Support							500			360			
TOTAL							13021			5208			

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: TRUCK, DUMP, 20T (CCE) (D16001)					
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 Revsn 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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)

Program Elements for Code B Items: Code: Other Related Program Elements:
 PE 0604604A/Project DH07 Medium 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	1082.1	236.3	201.6	335.5	424.1	438.3	465.9	697.3	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	697.3	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	697.3	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 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. 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		366	2	183	7797	50	156	7872	51	154	772	5	154
MTV Cargo-LWB w/ Winch					979	6	163						
MTV Cargo-LWB & Mat'l Handl Equip													
MTV Cargo-MHE		435	2	218	39642	194	204	12062	60	201	11097	53	209
MTV Dump		187	1	187	7810	40	195						
MTV Dump w/ winch					1014	5	203						
MTV Dump-Air Drop													
MTV Dump-Air Drop w/ Winch													
MTV Tractor		403	3	134	72927	473	154	54449	368	148	62112	408	152
MTV Tractor w/ Winch					981	6	164	596	4	149	8004	49	163
MTV Wrecker		606	2	303	42740	135	317	45638	145	315	20001	62	323
MTV Expansibile Van													
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		8656			940			1398			1442		
Government		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	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
5. Contractor Program Support		11720			6670			8451			8352		
6. Engineering Support													
Government (In-house)		3148			4540			4848			4923		
Contractor		11332			5181			4250			4659		
Prod Qualification/Competitive Evaluation		2060			2268						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													
Initial Spares					81								
Mods													
TOTAL		201550			335587			424061			438256		

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: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)				
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 Revsn 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 model of all 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	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 00														Fiscal Year 01										L A T E R	
							Calendar Year 00														Calendar Year 01											
							O	N	D	J	F	M	A	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A		S
							C	O	E	A	E	A	P	A	Y	U	U	U	E	C	V	C	A	E	A	A	A	Y	U	U		U
Vehicles (D15500)	1	97&Pri	ALL	10155	10155																											
	1	98	A	1042	1042																											
	1	98&Pri	ALL	148	148																											
	1	98*	A	23	23																											
	1	98	A	113	0	113			113																							
	1	99	A	1439	0	1439			77	479	89	117	101	112	107	82	115	104	56													
	1	00*	A	2316	0	2316		A											95	180	161	169	116	165	157	165	149	124	174	311	350	
	1	00	A	319	0	319							A														70	85	110	54		
	1	01*	A	2562	0	2562														A											2562	
	1	02*	A	2509	0	2509																									2509	
	2	02**	A	282	0	282																									282	
	1	03*	A	2509	0	2509																									2509	
	2	03**	A	1391	0	1391																									1391	
	2	04**	A	3645	0	3645																									3645	
	2	05**	A	3725	0	3725																									3725	
Total				32178	11368	20810				190	479	89	117	101	112	107	82	115	104	151	180	161	169	116	165	157	235	234	234	228	311	16973

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.			
1	Stewart & Stevenson, Inc.	150	350	700	12	1	INITIAL		12	13	*Note: FY QTY's include Trailers: FY98* includes 8 Trailers FY00* includes 520 Trailers FY01* includes 520 Trailers FY02* includes 520 Trailers FY03* includes 520 Trailers FY02** includes 16 Trailers FY03** includes 120 Trailers FY04** includes 240 Trailers FY05** includes 400 Trailers
	Sealy, TX					2	REORDER		1	13	
							INITIAL		15	16	
							REORDER		1	13	
2	To Be Selected	TBD	TBD	TBD	TBD		INITIAL				
							REORDER				
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				

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: FIRETRUCKS & ASSOCIATED FIREFIGHTING EQU (D15800)

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												
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		
Cost Elements	ID CD	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	A							4880			14432		
2. Truck, Firefighting, Tactical	B							2463	4	616	398		
TOTAL								7343			14830		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT /Tactical and Support Vehicles / 51107000
 P-1 Item Nomenclature: FIRETRUCKS, NON-TACTICAL (D15801)

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												
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 Pumpers, 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 Pumpers, 10 Airfield Crash Trucks, 9 Brush/mini Pumpers 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	ID CD	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. 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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles				Weapon System Type:		P-1 Line Item Nomenclature: FIRETRUCKS, NON-TACTICAL (D15801)				
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 Revsn Avail	RFP Issue Date
FY00										
Ladder Truck	TBS	MIPR/FP	GSA	Jan-00	Sep-00	2	470	Yes	NA	
Structural Pumper	TBS	MIPR/FP	GSA	Feb-00	Aug-00	8	229	Yes	NA	
Airfield Crash Truck	TBS	MIPR/FP	GSA	Jan-00	Aug-00	5	422	Yes	NA	
FY01										
Ladder Truck	TBS	MIPR/FP	GSA	Jan-01	Aug-01	6	477	Yes	NA	
Structural Pumper	TBS	MIPR/FP	GSA	Jan-01	Aug-01	27	226	Yes	NA	
Airfield Crash Truck	TBS	MIPR/FP	GSA	Jan-01	Aug-01	10	325	Yes	NA	
Brush/Mini pumper	TBS	MIPR/FP	GSA	Jan-01	Aug-01	9	150	Yes	NA	
Hazmat/Rescue Truck	TBS	MIPR/FP	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: OTHER PROCUREMENT /Tactical and Support Vehicles / 51107000
 P-1 Item Nomenclature: TRUCK, FIREFIGHTING, TACTICAL (D15802)

Program Elements for Code B Items: 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					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	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	B												
Hardware							1420	4	355				
HEMTT Chassis							205	2	103				
2. Engineering Changes							43						
3. Government Testing - ATC							466				130		
4. Engineering Support (Government)							61				62		
5. Quality Assurance Support							82				82		
6. Program Management Support							186				124		
TOTAL							2463				398		

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: 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 Revsn 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: February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles	P-1 Item Nomenclature: FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)
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Program Elements for Code B Items:	Code:	Other Related Program Elements: PE 0604622 Family of Heavy Tactical Vehicles
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	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		
Cost Elements	ID CD	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
Family of Heavy Tactical Vehicles (DA0500)	A												
PALLETIZED LOAD SYSTEM (PLS)													
PLS Truck (D16500)				40793	142	287	25085	87	288	32007	87	368	
Trailer, PLS, 8x20 (D08900)				10877	241	45	4423	98	45	6051	114	53	
Cargo Bed (Flatrack)(D16100)				890			5446	717	8	5167	635	8	
Container Handling Unit (D16101)				1022	60	17	1856	101	18	4859	255	19	
PLS-Enhanced (PLS-E) (D16103)							6159	701	9	6356	720	9	
PLS Fielding				1726			2295						
PLS Proj Mgt Support				1588			1278						
Truck, 10T, 8x8													
Truck, Cargo,10 T, 8x 8 (D16201)				8193									
Truck, Tank, Fuel Svc,(D16202)				10552	41	257				15605	45	347	
Truck, Recovery, 10T, 8x8 (D16203)				27418	90	305	40437	131	309	17040	47	363	
Truck, Cargo, 10T, 8x8 (D16204)							14936	65	230				
Truck, Tractor, 10T, 8x8 (D16205)													
Heavy Equipment Transporter System (DV0012)				88018	192	458	86632	168	516	68280	118	579	
Forward Repair System (D16400)							4880	12	625	10754	18	615	
TOTAL							191077			193427		166119	

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: PALLETIZED LOAD SYSTEM (PLS) (D16500)

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	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	ID CD	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	23577	87	271	22000	80	275	
Trailer (D08900)	A			10661	241	44	4320	98	44	4718	107	44	
Flatracks (D16100)	B						4528	717	6	4800	635	8	
CHU (D16101)	B			845	60	14	1820	101	18	4464	248	18	
PLS-Enhanced (PLS-E) (D16103)	B						6159	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

Date: February 2000

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?	Date Revsn Avail	RFP Issue Date
Trucks (D16500)										
FY 99	Oshkosh, WI	Option	TACOM	Feb-99	Jun-99	142	265	Yes	N/A	N/A
FY 00	"	SS/FFP	TACOM	Jan-00	Jun-00	87	271	Yes	N/A	May 99
FY 01	"	Option	TACOM	Dec-00	Jun-01	80	275	Yes	N/A	N/A
FY01	TBS	C/MYP	TACOM	Dec-00	Aug-01	7	295	No	May-00	May-00
Trailer (D08900)										
FY 99	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
FY99	"	Option	TACOM	Jan-00	Jun-00	76	44	Yes	N/A	N/A
FY 00	"	SS/FFP	TACOM	Jan-00	Jun-00	98	44	Yes	N/A	May 99
FY 01	"	Option	TACOM	Dec-00	Jun-01	107	44	Yes	N/A	N/A
FY01	TBS	C/MYP	TACOM	Dec-00	Aug-01	7	50	No	May-00	May-00
Flatracks (D16100)										
FY 00	TBS	Option	TACOM	Jan-00	Sep-00	717	6	Yes	N/A	N/A
FY 01	TBS	Option	TACOM	Jan-01	Sep-01	635	8	Yes	N/A	N/A

REMARKS:

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: 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?	Date Revsn Avail	RFP Issue Date
Container Handling Unit (CHU)(D16101)										
FY 99	Oshkosh Truck Corp.	Option	TACOM	Jun-99	Nov-99	60	14	Yes	N/A	N/A
FY 00	Oshkosh, WI	SS/FFP	TACOM	Jan-00	May-00	101	14	Yes	N/A	May 99
FY 01	"	Option	TACOM	Jan-00	May-01	248	18	Yes	N/A	N/A
FY01	TBS	C/MYP	TACOM	Dec-00	Aug-01	7	18	No	May-00	May-00
PLS-Enhanced (PLS-E) (D16103)										
FY 00	Comtech Mobicom	REQ 5 (2)	CECOM Wash, DC	Apr-00	Sep-00	701	9	N/A	N/A	N/A
FY01	Germantown, Maryland	REQ 5 (3)	CECOM Wash, DC	Dec-00	May-01	720	9	N/A	N/A	N/A

REMARKS:

FY 100 / 101 BUDGET PRODUCTION SCHEDULE

P-1 Item Nomenclature:
PALLETIZED LOAD SYSTEM (PLS) (D16500)

Date: February 2000

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 99												Fiscal Year 00												LATER						
							Calendar Year 99												Calendar Year 00																		
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP							
Trucks (D16500)	1	98	A	95	20	75	10	10	10	9	9	9	9	9																							
	1	99	A	142	0	142										31	29	21	11	8	6	6															
	1	00	A	87	0	87																		A								7	7	8	8	57	
	1	01	A	80	0	80																														80	
	2	01	A	7	0	7																														7	
	2	02	A	117	0	117																														117	
	2	03	A	320	0	320																														320	
	2	04	A	66	0	66																														66	
	2	05	A	69	0	69																														69	
TOTAL				983	20	963	10	10	10	9	9	9	9	9	31	29	21	11	8	6	6															716	

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.			
		1	Oshkosh Truck Corp.	5			40	100			
						REORDER		6	8		
1	Oshkosh, WI					INITIAL	2	8	10		
2	TBS	5	40	100	12	INITIAL	2	6	8		
						REORDER					
						INITIAL					
						REORDER					
						INITIAL					
						REORDER					
						INITIAL					
						REORDER					

FY 100 / 101 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: PALLETIZED LOAD SYSTEM (PLS) (D16500)												Date: February 2000		L A T E R															
COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 01						Fiscal Year 02																							
							Calendar Year 01						Calendar Year 02																							
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V		D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Trucks (D16500)	1	98	A	95	95																															
	1	99	A	142	142																															
	1	00	A	87	30	57	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	1	01	A	80	0	80			A					7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	2	01	A	7	0	7			A						7																					
	2	02	A	117	0	117																														96
	2	03	A	320	0	320																														320
	2	04	A	66	0	66																														66
	2	05	A	69	0	69																														69
TOTAL				983	267	716	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	551

M F R	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.			
1	Oshkosh Truck Corp.	5	40	100	12	1	INITIAL	2	16	18	
							REORDER	2	6	8	
	Oshkosh, WI					2	INITIAL	2	8	10	
2	TBS	5	40	100	12		REORDER	2	6	8	
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				

FY 100 / 101 BUDGET PRODUCTION SCHEDULE

P-1 Item Nomenclature: PALLETIZED LOAD SYSTEM (PLS) (D16500)

Date: February 2000

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 03												Fiscal Year 04												L A T E R	
							Calendar Year 03						Calendar Year 04						Calendar Year 04													
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
Trucks (D16500)	1	98	A	95	95																											
	1	99	A	142	142																											
	1	00	A	87	87																											
	1	01	A	80	80																											
	2	01	A	7	7																											
	2	02	A	117	21	96	12	12	12	12	12	12	12																			
	2	03	A	320	0	320			A					15	20	25	25	25	30	30	30	30	30	30	30							
	2	04	A	66	0	66													A						10	6	5	5	40			
	2	05	A	69	0	69																					69					
TOTAL				983	432	551	12	12	12	12	12	12	12	12	12	15	20	25	25	25	30	30	30	30	30	30	30	10	6	5	5	109

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.			
1	Oshkosh Truck Corp.	5	40	100	12	1	INITIAL	2	16	18	
							REORDER	2	6	8	
	Oshkosh, WI					2	INITIAL	2	8	10	
2	TBS	5	40	100	12		REORDER	2	6	8	
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				

FY 100 / 101 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: PALLETIZED LOAD SYSTEM (PLS) (D16500)													Date: February 2000										
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 05												Fiscal Year 06					LATER						
							Calendar Year 05												Calendar Year 06											
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB		MAR	APR	MAY	JUN	JUL	AUG
Trucks (D16500)	1	98	A	95	95																									
	1	99	A	142	142																									
	1	00	A	87	87																									
	1	01	A	80	80																									
	2	01	A	7	7																									
	2	02	A	117	117																									
	2	03	A	320	320																									
	2	04	A	66	26	40	5	5	5	5	5	5	5	5																
	2	05	A	69	0	69			A					6	6	6	6	6	6	6	6	6	6	5	5	5				
TOTAL				983	874	109	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	5	5	5					
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MFR	NAME / LOCATION	PRODUCTION RATES			REACHED	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS																			
		MIN.	1-8-5	MAX.			D +	Prior 1 Oct.				After 1 Oct.																		
1	Oshkosh Truck Corp.	5	40	100	12	1	INITIAL		2	16	18																			
	Oshkosh, WI						REORDER		2	6	8																			
2	TBS	5	40	100	12	2	INITIAL		2	8	10																			
							REORDER		2	6	8																			
							INITIAL																							
							REORDER																							
							INITIAL																							
							REORDER																							
							INITIAL																							
							REORDER																							

FY 100 / 101 BUDGET PRODUCTION SCHEDULE

P-1 Item Nomenclature:

PALLETIZED LOAD SYSTEM (PLS) (D16500)

Date:

February 2000

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 99												Fiscal Year 00												LATER										
							Calendar Year 99												Calendar Year 00																						
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP											
Trailer (D08900)	1	97	AR	63	12	51	3	3	3	3	5	15	15	4																											
	1	97	A	177	127	50	10	10	10	10	10																														
	1	97	AR	7	0	7																																			
	1	97	A	3	0	3																																			
	1	97	AR	13	0	13																																			
	1	98	A	105	0	105																																			
	1	99	A	96	0	96																																			
	1	99	A	69	0	69																																			
	1	99	A	76	0	76																																			
	1	00	A	98	0	98																																			
	1	01	A	107	0	107																																			
	2	01	A	7	0	7																																			
TOTAL				821	139	682	13	13	13	28	30	30	30	19	15	15	13	20	27	27	26	18	14	9	9	15	28	18	17	17										218	

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.			
1	Oshkosh Truck Corp.	7	80	200	12	1	INITIAL	3	13	16	
	Bradenton, FL						REORDER	2	6	8	
2	TBS	7	80	200	12	2	INITIAL	2	8	10	
							REORDER	2	6	8	
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				

FY 100 / 101 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: PALLETIZED LOAD SYSTEM (PLS) (D16500)															Date: February 2000									
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 99												Fiscal Year 00												L A T E R
							Calendar Year 99						Calendar Year 00						Calendar Year 00												
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
PLS-Enhanced (PLS-E) (D16103)	1	98	A	144	0	144																									
	1	00	A	701	0	701													A						41						
	1	01	A	720																					720						
TOTAL				1565	0	845															12				26						
																									26						
																									26						
																									27						
																									27						
																									41						
																									1380						

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS
		MIN.	1-8-5	MAX.			D +	Prior 1 Oct.			
1	Comtech Mobile Datacom	10	100	200	12	1	INITIAL	20	5	25	
							REORDER	2	5	7	
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				

FY 100 / 101 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: PALLETIZED LOAD SYSTEM (PLS) (D16500)													Date: February 2000											
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 01												Fiscal Year 02												LATER
							Calendar Year 01						Calendar Year 02						Calendar Year 02												
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
PLS-Enhanced (PLS-E) (D16103)	1	98	A	144	144																										
	1	00	A	701	41	660	60	80	110	110	110	110	80																		
	1	01	A	720					A				60	60	60	60	60	60	60	60	60	60	60	60	60						
TOTAL				1565	185	660	60	80	110	110	110	110	80	60	60	60	60	60	60	60	60	60	60	60	60						
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MFR	PRODUCTION RATES				REACHED	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS																				
	NAME / LOCATION	MIN.	1-8-5	MAX.			D +	Prior 1 Oct.				After 1 Oct.																			
1	Comtech Mobile Datacom	10	100	200	12	1	INITIAL		20	5	25																				
							REORDER		2	5	7																				
							INITIAL																								
							REORDER																								
							INITIAL																								
							REORDER																								
							INITIAL																								
							REORDER																								
							INITIAL																								
							REORDER																								

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)
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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 / 1 / Tactical and Support Vehicles			P-1 Line Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)			Weapon System Type:			Date: February 2000		
Cost Elements	ID CD	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													
M1070 Tractor				45645	192	238	41268	168	246				
M1000 Trailer				33639	171	197	32463	165	197				
M1070E1 Tractor										32887	118	279	
M1000E1 Trailer										27047	118	229	
SUBTOTAL				79284			73731			59934			
2. Federal Retail Excise Tax				5607			4952			3946			
3. Engineering Changes				323			3506			1798			
4. Government Testing - ATC, YPG				491			547			585			
Contractor Testing - CPT				546			473						
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

Date: February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon System Type:			P-1 Line Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)					
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 Revsn Avail	RFP Issue Date
M1070 Tractor										
FY99	Oshkosh Truck Corp.	Option	TACOM	Dec-99	Sep-99	28	238	Yes	N/A	N/A
FY99	Oshkosh, WI	Option	TACOM	Jan-99	Oct-99	145	238	Yes	N/A	N/A
FY99	"	Option	TACOM	Jul-99	Apr-00	19	238	Yes	N/A	N/A
FY00	"	Option	TACOM	Dec-99	Jul-00	168	246	Yes	N/A	N/A
M1000 Trailer										
FY 99	Systems & Electronics, Inc	Option	TACOM	Dec-98	Jun-99	152	197	Yes	N/A	N/A
FY 99	St. Louis, MO	Option	TACOM	Jul-99	May-00	16	197	Yes	N/A	N/A
FY99	"	Option	TACOM	Dec-99	Apr-01	3	197	Yes	N/A	N/A
FY 00	"	Option	TACOM	Dec-99	May-00	165	197	Yes	N/A	N/A
M1070E1 Tractor										
FY 01	TBS	C/MYP	TACOM	Mar-01	Nov-01	118	279	N/A	Sep-00	Nov 00
M1000E1 Trailer										
FY 01	TBS	C/MYP	TACOM	Mar-01	Nov-01	118	229	N/A	Sep-00	Nov 00

REMARKS:

FY 100 / 101 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)													Date: February 2000															
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 99												Fiscal Year 00												L A T E R				
							Calendar Year 99												Calendar Year 00																
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					
M1000 Trailer																																			
	1	97	FMS	37	0	37																													
	1	97	A	7	0	7																													
	1	98	A	86	9	77	15	15	15	14	14	4																							
	1	98	A	5	0	5																													
	1	99	A	152	0	152			A																										
	1	99	A	16	0	16																													
	1	99	A	3	0	3																													
	1	00	A	165	0	165																													
M1000E1 Trailer	2	01	A	118	0	118																													
TOTAL				589	9	580	15	15	15	14	14	20	16	12	13	13	16	15	14	13	12	15	15	16	10	27	26	16	13	13			212		
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					
MFR	NAME / LOCATION	PRODUCTION RATES			REACHED	MFR Number	ADMIN LEAD TIME		MFR	TOTAL	REMARKS																								
		MIN.	1-8-5	MAX.			D +	Prior 1 Oct.				After 1 Oct.	After 1 Oct.	After 1 Oct.																					
1	Systems & Electronics, Inc	6	18	40	12	1	INITIAL			4	19	23	REMARKS FY97 FMS funded trailer procurement for 37ea configuration is not identical to Army configuration and deliveries were adjusted for both the FMS and Army buys to maximize production efficiencies.																						
							REORDER			2	7	9																							
2	TBS	6	22	40	12	2	INITIAL			5	8	13																							
							REORDER			5	8	13																							
							INITIAL																												
							REORDER																												
							INITIAL																												
							REORDER																												
							INITIAL																												
							REORDER																												

FY 100 / 101 BUDGET PRODUCTION SCHEDULE

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

Date: February 2000

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 01												Fiscal Year 02												LATER
							Calendar Year 01						Calendar Year 02						Calendar Year 02												
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
M1000 Trailer	1	97	FMS	37	37																										
	1	97	A	7	7																										
	1	98	A	86	86																										
	1	98	A	5	5																										
	1	99	A	152	152																										
	1	99	A	16	16																										
	1	99	A	3	0	3						3																			
	1	00	A	165	74	91	13	13	13	13	13	13																			
M1000E1 Trailer	2	01	A	118	0	118					A							3					8	12	24	24	24	23			
TOTAL				589	377	212	13	13	13	13	13	16						3					8	12	24	24	24	23			

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS	
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.				
1	Systems & Electronics, Inc	6	18	40	12	1	INITIAL		4	19	23	
							REORDER		2	7	9	
2	TBS	6	22	40	12	2	INITIAL		5	8	13	
							REORDER		5	8	13	
							INITIAL					
							REORDER					
							INITIAL					
							REORDER					
							INITIAL					
							REORDER					

FY 100 / 101 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)																	Date: February 2000														
COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 99													Fiscal Year 00				L A T E R														
							Calendar Year 99													Calendar Year 00																		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B		M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
M1070 Tractor	1	97	A	2	0	2																																
	1	98	A	92	0	92	25	5	5	5	1	1	1	9	12	12	12	4																				
	1	98	A	6	0	6																																
	1	99	A	28	0	28				A																												
	1	99	A	145	0	145					A																											
	1	99	A	19	0	19										A																						
	1	99	FMS	100	0	100																																
	1	00	A	168	0	168																																
M1070E1 Tractor																																						
	2	01	A	118	0	118																																
TOTAL				678	0	678	25	5	5	5	4	2	2	10	12	12	12	18	18	18	18	18	18	18	18	18	18	19	39	48	37	37	37		241			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
M F R	PRODUCTION RATES				REACHED	D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS																										
NAME / LOCATION				MIN.				1-8-5	MAX.				Prior 1 Oct.	After 1 Oct.																								
1	Oshkosh Truck, Oshkosh, WI					12	1	INITIAL			18	Flexible 1999 deliveries negotiated concurrent with commercial and other military truck production.																										
								REORDER																														
2	TBS					12	2	INITIAL			10																											
								REORDER																														
								INITIAL																														
								REORDER																														
								INITIAL																														
								REORDER																														
								INITIAL																														

FY 100 / 101 BUDGET PRODUCTION SCHEDULE	P-1 Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012)	Date: February 2000
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COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 01												Fiscal Year 02												L A T E R
							Calendar Year 01						Calendar Year 02						Calendar Year 02												
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
M1070 Tractor	1	97	A	2	0	2																						2			
	1	98	A	92	0	92																						92			
	1	98	A	6	0	6																						6			
	1	99	A	28	0	28																						28			
	1	99	A	145	0	145																						145			
	1	99	A	19	0	19																						19			
	1	99	FMS	100	98	2																									
	1	00	A	168	47	121	20	15	12	20	10	10	10	10	10	14															
M1070E1 Tractor																															
	2	01	A	118	0	118								A						3						8	12	24	24	24	23
TOTAL				678	145	533	22	15	12	20	10	10	10	10	10	14				3						8	12	24	24	24	315

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED	MFR Number	ADMIN LEAD TIME		MFR	TOTAL	REMARKS		
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.				After 1 Oct.	After 1 Oct.
		D +											
1	Oshkosh Truck, Oshkosh, WI	10	22	50	12	1	INITIAL		10	8	18		
							REORDER		2	7	9		
2	TBS	6	22	50	12	2	INITIAL		2	8	10		
							REORDER		5	8	13		
							INITIAL						
							REORDER						
							INITIAL						
							REORDER						
							INITIAL						
							REORDER						

FY 100 / 101 BUDGET PRODUCTION SCHEDULE

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

Date:
February 2000

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 03												Fiscal Year 04												L A T E R
							Calendar Year 03												Calendar Year 04												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M1070 Tractor	1	97	A	2	0	2																				2					
	1	98	A	92	0	92																				92					
	1	98	A	6	0	6																				6					
	1	99	A	28	0	28																				28					
	1	99	A	145	0	145																				145					
	1	99	A	19	0	19																				19					
	1	99	FMS	100																						100					
	1	00	A	168	168																										
M1070E1 Tractor																															
	2	01	A	118	95	23	23																								
TOTAL				678	263	315	23																			392					

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS	
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.				
		1	2	3			4	5				
1	Oshkosh Truck, Oshkosh, WI	10	22	50	12	1	INITIAL		10	8	18	
							REORDER		2	7	9	
2	TBS	6	22	50	12	2	INITIAL		2	8	10	
							REORDER		5	8	13	
							INITIAL					
							REORDER					
							INITIAL					
							REORDER					
							INITIAL					
							REORDER					

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: Truck, 10T, 8x8, ABT (D16200)

Program Elements for Code B Items: Code: A Other Related Program Elements: PE 0604622 Family of Heavy Tactical Vehicles

	Prior Years	FY 1997	FY1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	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	0.0	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	0.0	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	0.0	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	ID CD	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									
Truck, Tank, Fuel Svc, 8x8 (D16202)				8912	41	217					9786	42	233
Truck, Recovery, 10T, 8x8 (D16203)				23373	90	260	34453	131	263	11909	44	271	
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

Date:
February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon System Type:			P-1 Line Item Nomenclature: TRUCK, TANK, FUEL SVC, 2500 G, 8X8 (D16202)					
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 Revsn Avail	RFP Issue Date
Truck, Tank, Fuel Svc, 8x8 (D16202)										
FY99	Oshkosh Truck Corp.	Option	TACOM	Jan-99	Mar-99	9	225	Yes	N/A	N/A
FY99	Oshkosh, WI	Option	TACOM	Mar-99	May-99	32	225	Yes	N/A	N/A
FY 01	"	Option	TACOM	Dec-00	Feb-01	42	233	Yes	N/A	N/A
FY 01	TBS	C/MYP	TACOM	Dec-00	Aug-01	3	230	No	May-00	May 00
Truck, Recovery, 10T, 8x8 (D16203)										
FY 99	Oshkosh Truck Corp.	Option	TACOM	Jan-99	Mar-99	44	260	Yes	N/A	N/A
FY99	Oshkosh, WI	Option	TACOM	Mar-99	May-99	46	260	Yes	N/A	N/A
FY 00	"	Option	TACOM	Jan-00	Feb-00	131	263	Yes	N/A	N/A
FY 01	"	Option	TACOM	Dec-00	Feb-01	44	271	N/A	N/A	N/A
FY 01	TBS	C/MYP	TACOM	Dec-00	Aug-01	3	282	No	May-00	May 00
Truck, Cargo, 57,000 GVW, 8X8 (D16204)										
FY00	Oshkosh Truck Corp. Oshkosh, WI	Option	TACOM	Jan-00	Feb-00	65	193	Yes	N/A	N/A

REMARKS:

FY 100 / 101 BUDGET PRODUCTION SCHEDULE

P-1 Item Nomenclature:

TRUCK, 10T, ABT, (D16200)

Date:

February 2000

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 99												Fiscal Year 00												L A T E R					
							Calendar Year 99												Calendar Year 00																	
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP						
HEMTT (D16200)	1	94	FMS	16	8	8						8																								
	1	96	A	1	0	1									1																					
	1	97	A	7	0	7																														
	1	98	A	93	0	93	20	20	20	20	13																									
	1	99	A	53	0	53				A		3	21	11	12	6																				
	1	99	A	78	0	78					A			2	9	8	11	11	12	12	13															
	1	99	FMS	3	0	3								A					3																	
	1	99	NG	12	0	12														A	5	7														
	1	00	A	196	0	196														A	16	16	16	16	16	16	16	16	16	16	16	16	16	68		
	1	01	A	86	0	86																												86		
	2	01	A	6	0	6																												6		
TOTAL				551	8	543	20	20	20	20	20	11	21	13	22	14	11	11	15	12	13	5	23	16	16	16	16	16	16	16	16	16	16	160		

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.			
1	Oshkosh Truck Corp.	7	42	120	12	1	INITIAL		9	18	
	Oshkosh, WI						REORDER		2	6	
2	TBS	7	42	120	12	2	INITIAL		2	10	
							REORDER		2	6	
							INITIAL				
							REORDER				

FY 100 / 101 BUDGET PRODUCTION SCHEDULE P-1 Item Nomenclature: TRUCK, 10T, ABT, (D16200) Date: February 2000

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 01												Fiscal Year 02												LATER
							Calendar Year 01												Calendar Year 02												
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
HEMTT (D16200)	1	94	FMS	16	16																										
	1	96	A	1	1																										
	1	97	A	7	7																										
	1	98	A	93	93																										
	1	99	A	53	53																										
	1	99	A	78	78																										
	1	99	FMS	3	3																										
	1	99	NG	12	12																										
	1	00	A	196	128	68	17	17	17	17																					
	1	01	A	86	0	86			A		8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
	2	01	A	6	0	6			A							6															
TOTAL				551	391	160	17	17	17	17	8	8	7	7	7	7	13	7	7	7	7	7									
					0																										

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.			
1	Oshkosh Truck Corp.	7	42	120	12	1	INITIAL	9	9	18	
	Oshkosh, WI						REORDER	2	4	6	
							INITIAL				
							REORDER				
2	TBS	7	42	120	12	2	INITIAL	2	8	10	
							REORDER	2	4	6	
							INITIAL				
							REORDER				
							INITIAL				
							REORDER				

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: FORWARD REPAIR SYSTEM (D16400)

Program Elements for Code B Items: PE 64622 E51, Forward Repair System, Heavy
 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					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 Acquisiton 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 CD	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													
PLS Truck	A						1355	5	271	4950	18	275	
FRS Module	B						2704	12	225	4500	18	250	
SUBTOTAL							4059			9450			
2. Engineering Changes							112			341			
3. Government Testing, ATC							319			365			
4. Engineering Support Government							99			180			
5. Quality Assurance Support Government							36			52			
6. Documentation							79			82			
7. System Fielding Support							60			144			
8. Program Management Support							116			140			
TOTAL							4880			10754			

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: Forward Repair System- Heavy (D16400)					
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 Revsn Avail	RFP Issue Date
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:

FY 00 / 01 BUDGET PRODUCTION SCHEDULE

P-1 Item Nomenclature:

Forward Repair System (D16400)

Date:

February 2000

COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 00												Fiscal Year 01												L A T E R									
							Calendar Year 00												Calendar Year 01																					
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S										
							C	T	V	C	N	B	R	R	A	U	L	E	C	V	C	N	B	R	R	A	U	L	E	P										
PLS Truck																																								
	1	00	A	5	0	5																																		
	1	01	A	18	0	18																																	14	
Forward Repair System (FRS) Modules																																								
	2	00	A	12	0	12																																		
	2	01	A	18	0	18																																	14	

MFR	NAME / LOCATION	PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS
		MIN.	1-8-5	MAX.			Prior 1 Oct.	After 1 Oct.			
1	Oshkosh Truck Corp., Oshkosh, WI	1	40	100		INITIAL		2	16	18	PLS Truck deliveries for FRS modules are additive to the PLS Truck buys against SSN D16500.
						REORDER		2	6	8	
2	Rock Island Arsenal	1	20	35		INITIAL		5	6	11	
						REORDER		2	6	8	
						INITIAL					
						REORDER					
						INITIAL					
						REORDER					
						INITIAL					
						REORDER					

FY 00 / 01 BUDGET PRODUCTION SCHEDULE						P-1 Item Nomenclature: Forward Repair System (D16400)														Date: February 2000																							
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 02							Fiscal Year 03							L A S T E R																						
							Calendar Year 02															Calendar Year 03																					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V		D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P												
PLS Truck																																											
	1	00	A	5	5																																						
	1	01	A	18	4	14	2	2	2	2	2	2	2																														
Forward Repair System (FRS) Modules																																											
	2	00	A	12	12																																						
	2	01	A	18	4	14	2	2	2	2	2	2	2																														

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: ARMORED SECURITY VEHICLES (ASV) (D02800)

Program Elements for Code B Items: 0604642A
 Code: B
 Other Related Program Elements: 0604328D

	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	0.0	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	0.0	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	0.0	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			
Cost Elements		ID	FY 99			FY 00			FY 01					
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty*	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle (D02800)		B							5585	10	559	11170	20	559
2. Engineering Changes									168			335		
3. Testing Contractor									40			37		
Government									40			210		
Follow on Production Test (CRTC)														
4. Documentation									50			78		
5. System Technical Support (STS)									113			600		
6. Engineering Support In-House									160			162		
7. Quality Assurance Support (TACOM)									87			89		
8. Fielding Support									250			250		
9. Project Mgmt Support									520			522		
TOTAL									7013			13453		

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: ARMORED SECURITY VEHICLES (ASV) (D02800)					
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 Revsn Avail	RFP Issue Date
1. Vehicle (D02800)										
FY 98	Textron Marine & Land Systems*	SSM-5(1)	TACOM	Mar-99	Apr-00	10	559	Yes	N/A	N/A
FY 00	Textron Marine & Land Systems*	SSM-5(2)	TACOM	Feb-00	Apr-01	10	559	Yes	N/A	N/A
FY 01	Textron Marine & Land Systems*	SSM-5(3)	TACOM	Nov-00	Sep-01	20	559	Yes	N/A	N/A

REMARKS: Textron Marine & Land Systems, New Orleans, LA

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: TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)

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	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: February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915A3 (D15900)

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	5417			479	344	275	284	276	260	234		7569
Gross Cost	290.9	0.0	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	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	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 (D15900)			Weapon System Type:			Date: February 2000		
Cost Elements	ID CD	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 (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	125	34375	275	125
2. Federal Retail Excise Tax								4300			4158		
3. Engineering Change Proposals								95			294		
4. Documentation								135			775		
5. Test/Production Verification Test (ATC)								400			460		
6. Engineering Support - In-House								290			195		
7. Program Management Support								500			464		
8. System Fielding Support								1200			2268		
TOTAL					64897			49920			42989		

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: TRUCK, TRACTOR, LINE HAUL, M915A3 (D15900)					
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 Revsn Avail	RFP Issue Date
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:

FY 00 / 01 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915A3 (D15900)											Date: February 2000																			
COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 01												Fiscal Year 02										L A T E R								
							Calendar Year 01						Calendar Year 02						Calendar Year 02					Calendar Year 02													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L		A U G	S E P						
1. Vehicle (M915A3)																																					
	1	FY97	AR	30	0	30																															
	1	FY97	AR	1	0	1																															
	1	FY97	AR	23	0	23																															
	1	FY98	AR	27	0	27																															
	1	FY99	A	135	88	47	34	13																													
	1	FY99	A	156	1	155		31	28	42	42	12																									
	1	FY99	A	140	0	140						32	35	44	29																						
	1	FY99	A	4	0	4						4																									
	1	FY 99	A	44	0	44									17	27																					
2. Vehicle (M915A3)Rebuy																																					
	2	FY00	A	344	0	344		21	10	28	28	31	49	44	42	42	42	7																			
	2	FY01	A	275	0	275			A									42	44	40	21	44	40	44													
				1179	89	1090	34	65	38	70	70	75	88	88	88	88	88	65	44	40	21	44	40	44													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
M F R	NAME / LOCATION	PRODUCTION RATES				REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS																									
		MIN.	1-8-5	MAX.	D +			Prior 1 Oct.	After 1 Oct.																												
1	Freightliner, Portland, Oregon	20	75	80	3	1	INITIAL	18	3	21	24																										
							REORDER	0	2	2	4																										
2	TBS	23	88	92	3	2	INITIAL	7	7	6	13																										
							REORDER	5	2	9	11																										
							INITIAL																														
							REORDER																														
							INITIAL																														
							REORDER																														
							INITIAL																														
							REORDER																														

Exhibit P-40, Budget Item Justification Sheet

Date: February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT /Tactical and Support Vehicles / 51108385
 P-1 Item Nomenclature: TRUCK, TRACTOR, LT, EQ, M916A1

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							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:

OTHER PROCUREMENT / 1 / Tactical and Support Vehicles

P-1 Item Nomenclature:

TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)

Program Elements for Code B Items:

Code:

A

Other Related Program Elements:

	Prior Years	FY 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		
Cost Elements	ID CD	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				2450	35	70	1680	24	70			
2. Engineering Change Proposals					84								
3. Testing/IPT/Transportability at TECOM					250								
4. Engineering Support - In-House					100			52					
5. Quality Assurance - In-House					50								
6. Program Management Support					165			220					
7. System Fielding Support					200								
TOTAL					3299			1952					

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: TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)					
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 Revsn Avail	RFP Issue Date
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: February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles	P-1 Item Nomenclature: HVY EXPANDED MOBILE TACTICAL TRUCK EXT S (DV0021)
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Program Elements for Code B Items: 64622 659 Family of Heavy Tactical Vehicles				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	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	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	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	ID CD	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													
HEMTT LHS	A						11088	84	132	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-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: HVY EXPANDED MOBILE TACTICAL TRUCK EXT S (DV0021)					
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 Revsn Avail	RFP Issue Date
HEMTT ESP (DV0021)										
FY 00	Oshkosh, WI	Option	TACOM	Jan-00	Aug-00	84	132	N/A	N/A	N/A
FY 01	Oshkosh, WI	Option	TACOM	Dec-00	Jul-01	85	134	N/A	N/A	N/A
FY 01	TBS	C/MYP	TACOM	Dec-00	Sep-01	9	172	No	Jun-00	Jul 00

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:

MEDIUM TRUCK EXTENDED SVC PGM(ESP) (PREV (DV0008)

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	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		
Cost Elements	ID CD	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					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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon System Type:			P-1 Line Item Nomenclature: MEDIUM TRUCK EXTENDED SVC PGM(ESP) (PREV SLEP (DV0008))					
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 Revsn Avail	RFP Issue Date
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: February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: LINE HAUL ESP (DV0011)

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

	Prior Years	FY 1997	FY 1998	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	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. Hardware	A				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: February 2000

Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon System Type:			P-1 Line Item Nomenclature: LINE HAUL ESP (DV0011)					
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 Revsn Avail	RFP Issue Date
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							P-1 Item Nomenclature: LINE HAUL ESP (DV0011)															Date: February 2000																	
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 99												Fiscal Year 00												LATER								
							Calendar Year 99												Calendar Year 00																				
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP									
1. Hardware	1	FY 97	AR	60	0	60	5								5	20	20	10																					
	1	FY 98	AR	61	0	61													10	20	20	11																	
	1	FY 99	A	55	0	55			A													9	20	20	6														
	1	FY 99	AR	61	0	61								A										14	20	20	7										7		
	1	FY 00	A	100	0	100																	A						13	20	20	20	20				68		
	1	FY99	AR	68	0	68																					A										15		
	1	FY 00	A	15	0	15																							A									15	
	1	FY 01	A	362	0	362																																362	
				782		782	5									5	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
MFR	NAME / LOCATION						PRODUCTION RATES				REACHED	MFR Number	ADMIN LEAD TIME				MFR	TOTAL	REMARKS																				
	NAME / LOCATION						MIN.	1-8-5	MAX.	D +			Prior 1 Oct.	After 1 Oct.	After 1 Oct.	After 1 Oct.		5 each Production Verification Test vehicles delivered to test site Oct 98.																					
1	Freightliner, Portland, Oregon						5	35	40	7	1	INITIAL	0	3	10	13																							
												REORDER	0	5	5	10																							
												INITIAL																											
												REORDER																											
												INITIAL																											
												REORDER																											
												INITIAL																											
												REORDER																											
												INITIAL																											
												REORDER																											

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: MODIFICATION OF IN SVC EQUIP (DA0924)

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												
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

Date
February 2000

Appropriation / Budget Activity/Serial No. OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
P-1 Item Nomenclature MODIFICATION OF IN SVC EQUIP (DA0924)

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

Description		Fiscal Years									
OSIP NO.	Classification	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

Date

February 2000

MODIFICATION TITLE: HMMWV 3 PT Seatbelts 1-92-06-4401

MODELS OF SYSTEMS AFFECTED: All HMMWV Models

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:

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	200	500	500	500	1000	1000	1000	2099	2400	2800	2800	2800
	39232							194	200	500	500	500	1000	1000	1000	2099	2400	2800	2800	2800

	FY 2004				FY 2005				FY 2006				FY 2007				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		
Outputs																		
	2800	2800	2800														11500	76925
	2800	2800	2800														11500	76925

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

5 Months

PRODUCTION LEADTIME:

6 Months

Contract Dates:

FY 1999

Dec 99

FY 2000

Mar 00

FY 2001

Enter Date

Delivery Date:

FY 1999

Jun 00

FY 2000

Sep 00

FY 2001

Enter Date

INDIVIDUAL MODIFICATION

Date

February 2000

MODIFICATION TITLE (Cont): HMMWV 3 PT Seatbelts 1-92-06-4401

FINANCIAL PLAN: (\$ in Millions)

	FY 1998 and Prior		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																					
PROCUREMENT																					
Kit Quantity																					
Installation Kits	39232	6.8	8837	1.6					8837	1.7	8519	1.7					11500	2.6	76925	14.4	
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
Installation of Hardware																					
FY 1998 & Prior Eqpt -- Kits	39232	10.7																		39232	10.7
FY 1999 Eqpt -- Kits			194	0.2	5049	2.7	1942	1.0	1652	0.9										8837	4.8
FY 2000 Eqpt -- Kits																					
FY 2001 Eqpt -- Kits																					
FY 2002 Eqpt -- kits									6503	3.3	2334	1.2								8837	4.5
FY 2003 Eqpt -- kits											8519	4.4								8519	4.4
FY 2004 Eqpt -- kits																					
FY 2005 Eqpt -- kits																					
TC Equip-Kits																	11500	11.2	11500	11.2	
Total Installment	39232	10.7	194	0.2	5049	2.7	1942	1.0	8155	4.2	10853	5.6					11500	11.2	76925	35.6	
Total Procurement Cost		17.5		1.8		2.7		1.0		5.9		7.3						13.8			50.4

INDIVIDUAL MODIFICATION																		Date	February 2000			
MODIFICATION TITLE: M939 Tire Improvement 1-97-06-4532																						
MODELS OF SYSTEMS AFFECTED: M939 Family of Vehicles																						
DESCRIPTION / JUSTIFICATION:																						
<p>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.</p>																						
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:																						
Hardware Procurement - 17 May 99																						
Hardware Application - 4 Jan - Dec 04																						
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	4	1	2	3	4	
Inputs						859	859	860	860	774	774	773	773	602	602	601	601	601	346	345	345	
Outputs						859	859	860	860	774	774	773	773	602	602	601	601	601	346	345	345	
		FY 2004				FY 2005				FY 2006				FY 2007				To	Totals			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete				
Inputs		345	346	345	345	345																11700
Outputs		345	346	345	345	345																11700
METHOD OF IMPLEMENTATION:																						
ADMINISTRATIVE LEADTIME: 2 Months																						
PRODUCTION LEADTIME: 2 Months																						
Contract Dates: FY 1999 May 99 FY 2000 Feb-00 FY 2001 Jan 01																						
Delivery Date: FY 1999 Jan 00 FY 2000 Apr 00 FY 2001 May 01																						

INDIVIDUAL MODIFICATION

Date

February 2000

MODIFICATION TITLE (Cont): M939 Tire Improvement 1-97-06-4532

FINANCIAL PLAN: (\$ in Millions)

	FY 1998 and Prior		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																					
PROCUREMENT																					
Kit Quantity																					
Installation Kits	782	2.5	431	1.4	2579	6.7	3040	8.5	2306	6.7	1281	3.7	1281	3.7					11700	33.2	
Installation Kits, Nonrecurring Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other (Testing)		0.6																			0.6
Interim Contractor Support																					
PM Support		0.2		0.2		0.2		0.2		0.2		0.2		0.2							1.4
Engineering Spt - In House		0.1		0.1		0.1		0.1		0.1		0.1		0.1							0.7
Installation of Hardware																					
FY 1998 & Prior Eqpt -- Kits					782	0.3														782	0.3
FY 1999 Eqpt -- Kits					431	0.2														431	0.2
FY 2000 Eqpt -- Kits					2579	1.1														2579	1.1
FY 2001 Eqpt -- Kits							3040	1.2												3040	1.2
FY 2002 Eqpt -- kits									2306	1.0										2306	1.0
FY 2003 Eqpt -- kits											1281	0.5								1281	0.5
FY 2004 Eqpt -- kits													1281	0.6						1281	0.6
FY 2005 Eqpt -- kits																					
TC Equip-Kits																					
Total Installment					3792	1.6	3040	1.2	2306	1.0	1281	0.5	1281	0.6					11700	4.9	
Total Procurement Cost		3.4		1.7		8.6		10.0		8.0		4.5		4.6							40.8

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:

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						600	1500	1500	1564	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Outputs						600	1500	1500	1564	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800

	FY 2004				FY 2005				FY 2006				FY 2007				To Complete	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Inputs	1800	1800	1418	1009	1009																32000
Outputs	1800	1800	1418	1009	1009																32000

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

3 Months

PRODUCTION LEADTIME:

4 Months

Contract Dates:

FY 1999 May 99

FY 2000 Feb 00

FY 2001 Jan 01

Delivery Date:

FY 1999 Jan 00

FY 2000 Apr 00

FY 2001 May 01

INDIVIDUAL MODIFICATION

Date

February 2000

MODIFICATION TITLE (Cont): M939 Anti-Lock Brake System 1-97-06-4533

FINANCIAL PLAN: (\$ in Millions)

	FY 1998 and Prior		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		TC		TOTAL			
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$		
RDT&E																						
PROCUREMENT																						
Kit Quantity																						
Installation Kits			3022	3.3	8098	8.7	7900	8.8	9176	10.2	1963	2.0	1841	1.9						32000	34.9	
Installation Kits, Nonrecurring Equipment																						
Equipment, Nonrecurring																						
Engineering Change Orders																						
Data																						
Training Equipment																						
Support Equipment																						
IPT Testing (ATC)				0.3																	0.3	
Interim Contractor Support																						
Project Management Support				0.3		0.3		0.3		0.3		0.3		0.3							1.8	
Engineering Support - In House				0.1		0.1		0.1		0.1		0.1		0.1							0.6	
Installation of Hardware																						
FY 1998 & Prior Eqpt -- Kits																						
FY 1999 Eqpt -- Kits			3022	3.4																	3022	3.4
FY 2000 Eqpt -- Kits					8098	9.1															8098	9.1
FY 2001 Eqpt -- Kits							7900	8.7													7900	8.7
FY 2002 Eqpt -- kits									9176	10.2											9176	10.2
FY 2003 Eqpt -- kits											1963	2.0									1963	2.0
FY 2004 Eqpt -- kits													1841	2.4							1841	2.4
FY 2005 Eqpt -- kits																						
TC Equip-Kits																						
Total Installment			3022	3.4	8098	9.1	7900	8.7	9176	10.2	1963	2.0	1841	2.4							32000	35.8
Total Procurement Cost				7.4		18.2		17.9		20.8		4.4		4.7								73.4

INDIVIDUAL MODIFICATION

Date February 2000

MODIFICATION TITLE: M939 Stainless Steel Cab 1-98-06-4541

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			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

	FY 2004				FY 2005				FY 2006				FY 2007				To Complete	Totals	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs						264	264	264	263										1055
Outputs						264	264	264	263										1055

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME: 3 Months

PRODUCTION LEADTIME: 3 Months

Contract Dates: FY 1999 Enter Date FY 2000 Enter Date FY 2001 Enter Date
 Delivery Date: FY 1999 Enter Date FY 2000 Enter Date FY 2001 Enter Date

INDIVIDUAL MODIFICATION

Date

February 2000

MODIFICATION TITLE (Cont): M939 Stainless Steel Cab 1-98-06-4541

FINANCIAL PLAN: (\$ in Millions)

	FY 1998 and Prior		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																					
PROCUREMENT																					
Kit Quantity																					
Installation Kits															1055	8.0			1055	8.0	
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
Program Mgt Support																	0.3				0.3
Engineering Spt - In House																	0.1				0.1
Installation of Hardware																					
FY 1998 & Prior Eqpt -- Kits																					
FY 1999 Eqpt -- Kits																					
FY 2000 Eqpt -- Kits																					
FY 2001 Eqpt -- Kits																					
FY 2002 Eqpt -- kits																					
FY 2003 Eqpt -- kits																					
FY 2004 Eqpt -- kits																					
FY 2005 Eqpt -- kits															1055	1.0			1055	1.0	
TC Equip-Kits																					
Total Installment															1055	1.0			1055	1.0	
Total Procurement Cost																9.4					9.4

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

Installation Schedule:

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														100	350	350	350	350	350	198
Outputs													100	350	350	350	350	350	350	198

	FY 2004				FY 2005				FY 2006				FY 2007				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																	1564	3612
Outputs																	1564	3612

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME 2 Months PRODUCTION LEADTIME: 3 Months
 Contract Dates: FY 1999 Enter Date FY 2000 Enter Date FY 2001 Enter Date
 Delivery Date: FY 1999 Enter Date FY 2000 Enter Date FY 2001 Enter Date

INDIVIDUAL MODIFICATION

Date

February 2000

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

FINANCIAL PLAN: (\$ in Millions)

	FY 1998 and Prior		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																					
PROCUREMENT																					
Kit Quantity																					
Installation Kits									1365	1.5	683	0.8					1564	1.7	3612	4.0	
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
Installation of Hardware																					
FY 1998 & Prior Eqpt -- Kits																					
FY 1999 Eqpt -- Kits																					
FY 2000 Eqpt -- Kits																					
FY 2001 Eqpt -- Kits																					
FY 2002 Eqpt -- kits									1365	0.5									1365	0.5	
FY 2003 Eqpt -- kits											683	0.2							683	0.2	
FY 2004 Eqpt -- kits																					
FY 2005 Eqpt -- kits																					
TC Equip-Kits																	1564	0.6	1564	0.6	
Total Installment									1365	0.5	683	0.2					1564	0.6	3612	1.3	
Total Procurement Cost										2.0		1.0						2.3		5.3	

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: ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)

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												
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-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 ARMORED SEDAN (D22100)

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				54	3	12	3	3	3	3		81
Gross Cost	0.0	0.0	0.0	5.5	0.6	2.3	0.6	0.6	0.6	0.6	0.0	10.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	0.0	0.0	0.0	5.5	0.6	2.3	0.6	0.6	0.6	0.6	0.0	10.7
Initial Spares												
Total Proc Cost	0.0	0.0	0.0	5.5	0.6	2.3	0.6	0.6	0.6	0.6	0.0	10.7
Flyaway U/C												
Wpn Sys Proc U/C												

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

JUSTIFICATION: FY01 program will procure twelve HAV for USAREUR to replace overage/mileage vehicles in their fleet, or to fill other urgent HAV requirements that may originate due to U.S. involvement in OCONUS operations. All Theatre areas with U.S. Service personnel do an "Area Threat Assessment" each year. This assessment indicates the potential threat to the lives of personnel in those areas and determines the level of degree to which the vehicles should be armored (LAV or HAV) to avoid loss of life to U.S. personnel.

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 ARMORED SEDAN (D22100)			Weapon System Type:			Date: February 2000		
Cost Elements	ID CD	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
Heavy Armored Sedan (D22100) Light	A				2551	36	71						
Heavy Armored Sedan (D22100) Heavy	A				2991	18	166	586	3	195	2263	12	189
TOTAL					5542			586			2263		

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 ARMORED SEDAN (D22100)					
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 Revsn Avail	RFP Issue Date
FY 99										
Heavy Armored Sedan (Light)	O'Gara-Hess & Eisenhardt (Fairfield, OH) (See Remarks)	SS/FP	TACOM, Warren, MI	Jan-99	Feb-99	2	103	Yes	NA	
Heavy Armored Sedan (Light) - Kit Ready Vehicles - Armor Application/Transportation	See Remarks Grande Truck, San Antonio, TX Square One Armoring Svc (Miami, FL)	MIPR/FP C/FP	GSA TACOM, Warren, MI	Apr-99 May-99	May-99 Jul-99	34	27 42	Yes Yes	NA NA	
Heavy Armored Sedan (Heavy)	BMW & Daimler-Chrysler	C/FP	Off- Shore (Europe)	Mar-99	Sep-99	14	181	Yes	NA	
Heavy Armored Sedan (Heavy)	O'Gara-Hess & Eisenhardt (Fairfield, OH) (See Remarks)	SS/FP	TACOM, Warren, MI	Mar-99	May-99	4	114	Yes	NA	
FY00										
Heavy Armored Sedan (Heavy)	TBS	C/FP	Off-Shore	Apr-00	Aug-00	2	195	Yes	NA	
Heavy Armored Sedan (Heavy)	TBS	C/FP	Tacom, Warren, MI	Apr-00	Aug-00	1	195	Yes	NA	
FY01										
Heavy Armored Sedan (Heavy)	TBS	C/FP	Off-Shore	Mar-01	Sep-01	12	189	Yes	NA	

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:

OTHER PROCUREMENT / 1 / Tactical and Support Vehicles

P-1 Item Nomenclature:

PASSENGER CARRYING VEHICLES (D23000)

Program Elements for Code B Items:

Code:

A

Other Related Program Elements:

	Prior Years	FY 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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: GENERAL PURPOSE VEHICLES (DV0013)

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

	Prior Years	FY 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:

OTHER PROCUREMENT / 1 / Tactical and Support Vehicles

P-1 Item Nomenclature:

SPECIAL PURPOSE VEHICLES (DV0014)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 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	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-5, Weapon OPA Cost Analysis		Appropriation/ Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles			P-1 Line Item Nomenclature: SPECIAL PURPOSE VEHICLES (DV0014)			Weapon System Type:			Date: February 2000		
Cost Elements	ID CD	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. Special Purpose Vehicles	A				2081	15	139	1034	7	148	1021	7	146
2. Unified Command Suites (UCS)													
Material to complete 12 UCS					1560	12	130	12000	15	800			
Procurement and Equipment Receipt Labor					165	12	14	375	15	25			
Integration of Systems					3430	12	286	4125	15	275			
Acceptance Testing					1320	12	110	750	15	50			
Training for Systems					660	1	660	375	15	25			
Management Support Travel					65	1	65	375	15	25			
3. Mobile Analytical Labs (MAL)													
Material/Equipment in support of MALS					3240	11	295	4425	15	295			
Testing/Delivery/Associated Costs					1560	11	142	1469	15	98			
TOTAL					14081			24928			1021		

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: SPECIAL PURPOSE VEHICLES (DV0014)					
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 Revsn Avail	RFP Issue Date
FY99										
Special Purpose Vehicles	Various	MIPR/FP	DISC/GSA	Jan-99	Jan-00	15	139	Yes	NA	
Material to complete 12 UCS	Various	Contract	Various	Jun-99	Oct-99	12	130	Yes	NA	
Material/Equipment to complete 12 MAL	Various	Contract	Various	Aug-99	Apr-00	11	295	Yes	NA	
FY00										
Special Purpose Vehicles	Various	MIPR/FP	GSA	Feb-00	Aug-00	7	148	Yes	NA	
Material to complete UCS	NAVAIRWARCENACDIV St. Ingoes, MD.	Option	Various	Feb-00	May-00	15	800	Yes	NA	
Material/Equipment to complete MAL	NAVAIRWARCENACDIV	Contract	Various	Feb-00	May-00	15	295	Yes	NA	
FY01										
Special Purpose Vehicles	Various	MIPR/FP	GSA	Jan-01	Jul-01	7	146	Yes	NA	

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: SYSTEM FIELDING SUPPORT PEO (DA0070)

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	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: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles
 P-1 Item Nomenclature: PROJECT MANAGEMENT SUPPORT (DA0073)

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	17.1	3.1	1.1	1.2	0.0	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	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	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:

OTHER PROCUREMENT / 1 / Tactical and Support Vehicles

P-1 Item Nomenclature:

SYSTEM FIELDING SUPPORT (TACOM) (DA0071)

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	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.