DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book Fiscal Year (FY) 2008/2009 Budget Estimates

OTHER PROCUREMENT, ARMY Tactical and Support Vehicles

Budget Activity 1

APPROPRIATION

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Alphabetic Listing - Other Procurement, Army

Nomenclature	SSN	BLIN	Page
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FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	DA0500	007	79
FAMILY OF MEDIUM TACTICAL VEH (FMTV)	D15500	005	50
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	D15800	006	57
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HI MOB MULTI-PURP WHLD VEH (HMMWV)	D15400	004	37
HMMWV RECAPITALIZATION PROGRAM	DV0230	013	160
HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG	DV0021	011	141
ITEMS LESS THAN \$5.0M (TAC VEH)	DL5110	015	234
GROW THE FORCE	DV0011	012	159
Mine Protection Vehicle Family	D02901	009	113
MODIFICATION OF IN SVC EQUIP	DA0924	014	165
NonTactical Vehicles, Other	D30000	019	240
PASSENGER CARRYING VEHICLES	D23000	018	239
Semitrailers, Flatbed	D01001	002	13
Semitrailers, tankers	D02001	003	29
TACTICAL TRAILERS/DOLLY SETS	DA0100	001	1
TOWING DEVICE-FIFTH WHEEL	D09900	016	237
TRUCK, TRACTOR, LINE HAUL, M915/M916	DA0600	010	129

Exhibit P	-1M, Proc	uremen	t Progr	ams - N	Aodifica	tion Su	mmary			
0.000	<u>2006 &</u>	2007	2008	2009	2010	2011	<u>2012</u>	<u>2013</u>	<u>To</u>	Total
System/Modification	<u>Prior</u>								<u>Complete</u>	<u>Program</u>
MODIFICATION OF IN SVC EQUIP (DA0924)										
HMMWV 3-PT Seatbelt	42.3	0.5								42.8
M939 Tire Improvement	51.0									51.0
M939 Anti-Lock Brake System (ABS)	59.7	2.1	4.4	4.5	4.7					75.4
HEMTT Wheel Modification	121.4		1.6	1.0						124.0
A8020 Fuel Injection Test Stand Upgrade	7.0									7.0
Aluminum Mesh Liner	11.0									11.0
M872 Modification Hardware	14.8									14.8
HEMTT/PLS 4-Point Seatbelt	1.3									1.3
PLS Trailer Wheel Modification	3.5									3.5
HMMWV 3PT Seatbelts-M996 Mini Ambulance	0.2									0.2
HMMWV 3PT Seatbelts-M997 Maxi Ambulance	0.8									0.8
Light Tactical Trailer MWOs	5.2									5.2
HMMWV Maxi-Ambulance A/C Upgrade	2.0									2.0
Fuel Tank Insertion Safety Foam	1.4									1.4
M915 FOV Electrical Upgrade	3.3									3.3
Roll Stability			2.5	2.5	3.1	9.1	12.0	10.3		39.5
HMMWV Rear Differnetial Oil Cooler	5.6									5.6
Construction Equipment Armor Kits	62.0									62.0
HMMWV Enhanced GPK		86.0								86.0
Heavy Truck Armor Kits	459.6									459.6
Fuel Tanker Armor Kits	80.5									80.5
Tactical Vehicles Safety Enhancements	254.7									254.7
Collision Avoidance			2.4	2.5	3.0	1.8	2.7	4.3		16.7
HMMWV FRAG Kit #5 (Door)	50.0	128.0								178.0
HMMWV Armor Kits	383.2									383.2
Medium Truck Armor Kits	637.2									637.2
HMMWV ECM Conversion	0.8									0.8
Tactical Vehicle Armor Installation	204.1									204.1
Driver Vision Enhancement Systems			6.3	6.4	6.4	6.4	11.4			36.9
Air Conditioning			3.0	3.0	3.0	3.0	5.4			17.4
Vehicle Computer System			3.0	3.0	3.0	3.0	5.4			17.4
Vehicle Intercrew Communications			9.5	9.6	9.4	9.5	17.2			55.2

ı	Exhibit	P-1M, Proc	uremen	t Progr	ams - N	Iodifica	tion Su	mmary			
		<u>2006 &</u>	2007	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>To</u>	<u>Total</u>
	System/Modification	<u>Prior</u>								<u>Complete</u>	<u>Program</u>
Total		2462.6	216.6	32.7	32.5	32.6	32.8	54.1	14.6		2878.5
	Grand Total	2462.6	216.6	32.7	32.5	32.6	32.8	54.1	14.6		2878.5

Exhibit P-40, Budget Iter	m Justifica	tion Sheet						Date:		bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles			P-1 Item No	menclature ACTICAL TRAILE	ERS/DOLLY SETS	5 (DA0100)	10	ordary 2007	
Program Elements for Code B Items:		Code:	Α (Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	8948	2611	540	59 4320	3935	3045	2862	3855	50		35095
Gross Cost	157.6	45.2	81	.9 57.1	52.3	40.0	37.8	56.9	2.4		531.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	157.6	45.2	81	.9 57.1	52.3	40.0	37.8	56.9	2.4		531.0
Initial Spares											
Total Proc Cost	157.6	45.2	81	.9 57.1	52.3	40.0	37.8	56.9	2.4		531.0
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0		0.2

Tactical trailers and dolly sets are used to transport generators, shelters, drinking water, ammunition, and general cargo. This budget line funds the Light Tactical Trailer (LTT) and the Heavy Expanded Mobility Ammunition Trailer (HEMAT). The prime movers for these trailers range from the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) to the 10-Ton M977 Series Heavy Expanded Mobility Tactical Truck (HEMTT).

Justification:

FY08/09 procures 4,320 and 3,935 LTT's respectively. The LTT is needed to support the Global War on Terrorism and to fulfill modularity requirements throughout the Army's force structure. The FY08/09 procurement provides equipment to deploying units, newly formed Brigade Combat teams (BCT), force re-generation and includes fielding to Army National Guard and Reserve units. The LTT is also required for Data Interchange program development and fielding of critical Combat Support and Combat Service Support Systems.

FY06/07 totals include supplemental funding of \$22,000 million and \$56,800 million respectively, to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr					omenclature: AILERS/DOLLY S	SETS (DA0100)		Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
	\$000				\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HEAVY, EXPANDED MOBILITY (D05700)	Α	19850	237	84	25240	319	79						
LIGHT TACTICAL TRAILER (D06700)	Α	25385	2374	11	56620	5150	11	57053	4320	13	5225	1 3935	13
Total:	45235				81860			57053			5225	1	

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		eles			P-1 Item No		EXPANDED MO	BILITY (D05700)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2241	237	3	19				79			2876
Gross Cost	89.9	19.9	25	5.2				6.4			141.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	89.9	19.9	25	5.2				6.4			141.3
Initial Spares											
Total Proc Cost	89.9	19.9	25	5.2				6.4			141.3
Flyaway U/C											
Weapon System Proc U/C	0.0	0.1	(0.1				0.1			0.3

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

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ari			r vehicles P-1 Lin		menclature: VY, EXPANDED	MOBILITY (D0	5700)	Weapon Syste	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
HEMAT Trailer Hardware with FRET		16458	237	69	22152	319	69						
SubTotal		16458			22152								
ECP		741			332								
System Fielding Support		1451			147								
PM Support					2609								
Sub Total		2192			3088								
SLOT		1200	11	109									
Total:		19850			25240								

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: EAVY, EXPANDED MOBILI	TY (D05700)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFI Issu Dat
HEMAT Trailer Hardware with FRET										
FY 2006	DRS Technologies St. Louis, MO	FFP/IDIQ5	TACOM, Warren, MI	Mar 06	Aug 06	237	69	Yes	N/A	N/A
FY 2007	DRS Technologies St. Louis, MO	FFP/IDIQ5	TACOM, Warren, MI	Nov 06	Dec 07	319	69	Yes	N/A	N/.

REMARKS:

		I	FY 07 /	08 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN				D MOBI	ILITY (I	D05700)			Dat	e:	Februa	ary 2007				
	C	OST	ELEN	1ENTS	5						Fiscal Y	ear 07	,										Fiscal Y	Zear 08	3					
		C	PROC	ACCEP	BAL									G 1 1	X 7 0										1 37					
M		S E	PROC QTY	PRIOR	DUE									Calenda	r Year U	7								Cale	ndar Ye	ar U8				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
HE	MAT T	ailer H	ardware w	vith FRET																										
1	FY 06	A	237	0	237		1		36	40	40				22	13	15	12	13	10	10	10	16							0
1	FY 07	A	319	0	319		A					40	4	10 23	18	27	25	28	27	30	30	30	1							0
																														
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DA0100 (D05700) TRAILER, HEAVY, EXPANDED MOBILITY Item No. 1 Page 6 of 12

Exhibit P-40, Budget Item .	Justificatio	n Sheet						Date:	Fel	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles			P-1 Item No	menclature GHT TACTICAL	ΓRAILER (D0670	0)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	6878	2374	51:	4320	3935	3045	2862	3855	50		32469
Gross Cost	79.9	25.4	56	.6 57.1	52.3	40.0	37.8	50.5	2.4		401.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	79.9	25.4	56	.6 57.1	52.3	40.0	37.8	50.5	2.4		401.9
Initial Spares											
Total Proc Cost	79.9	25.4	56	.6 57.1	52.3	40.0	37.8	50.5	2.4		401.9
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0		0.1

The Light Tactical Trailer (LTT) is the companion trailer for the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV). The LTT is compatible with both the light and heavy HMMWV. The LTT family of trailers (light, heavy, and heavy chassis) maximize the HMMWV's cargo carrying capabilities throughout the HMMWV's mission profile. The LTT, when coupled with the HMMWV, provides a force multiplier by increasing load bearing capability without increasing the logistics footprint. The LTT is used throughout the Army force structure and Department of Defense. It will eventually replace overage and over-mileage M101 series trailers. The LTT is used in conjunction with the HMMWV as a system platform for over 30 Army programs including weapon, communication and intelligence systems. These include the Joint Surveillance Target Attack Radar Systems, Trojan Spirit, Integrated System Control, Explosive Ordnance Disposal, Joint Tactical Unmanned Aerial Vehicle, Robotic Sensors, PM Mortars, and Joint Network Node.

Justification:

FY08/09 procures 4,320 and 3,935 LTTs respectively. The LTT is needed to support the Global War on Terrorism and to fulfill modularity requirements throughout the Army's force structure. The FY 08/09 procurement provides equipment to deploying units, newly formed Brigade Combat teams (BCT), force re-generation and includes fielding to Army National Guard and Reserve units. The LTT is also required for Data Interchange program development and fielding of critical Combat Support and Combat Service Support Systems. LTT's will also be supplied to integrating project managers to support meeting their critical milestones in equipping SBCT (7) and BCT modularization.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr					menclature: AL TRAILER (DO	06700)		Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06		•	FY 07			FY 08			FY 09	
Cost Elements	CD	, ,			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
LTT Trailer Hardware		18878	2374	8	43208	5150	8	44130	4320	10	4019	7 3935	10
Engineering Changes		311			288			662			60	3	
Government Testing		200			200			300			30	0	
Engineering Support - In-House		230			115			120			12	0	
Documentation		15			40			40			4	0	
Fielding Support		2438			10591			9009			824	3	
PM Support - Government		3313			1728			2792			274	8	
Storage					450								
Total:	Total: 25385				56620			57053			5225	1	

Exhibit P-5a, Budget Procuremen	t History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: FICAL TRAILER (D06700)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LTT Trailer Hardware										
FY 2006	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(3)	TACOM, Warren, MI	Feb 06	May 06	1141	8	Yes	Sep 03	Oct 0
FY 2006	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(4)	TACOM, Warren, MI	Nov 06	Jan 07	1233	8	Yes	Sep 03	Oct 0
FY 2007	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(4)	TACOM, Warren, MI	Nov 06	Jan 07	5150	8	Yes	Sep 03	Oct 0
FY 2008	TBS TBS	C/REQTS	TACOM, Warren, MI	Dec 07	Feb 08	4320	10	Yes	Sep 03	Mar 0
FY 2009	TBS TBS	C/REQTS	TACOM, Warren, MI	Dec 08	Feb 09	3935	10	Yes	Sep 03	Mar (

REMARKS: It is currently projected that the maximum quantities under the current requirements contract will be produced by the 4th year.

		I	FY 06 /	07 BU	DGET	r PR(DDUC	CTIO	N SCI	HEDU	LE			P-1 ITEN LIGHT T				006700))				Dat		Februar	ry 2007				
	C	OST	ELEN	1ENTS	3						Fiscal Y	Year 06											Fiscal Y	ear 07						
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F	FY	R	Units	ТО	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
R		V		1 OCT	1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	Later
Hai	dware							•																						
1	FY 06	A	1141	0	1141					A			14	2 142	142	143	143	143	143	143										0
1	FY 06	A	1233	0	1233														A		120	120	120	120	100	100	100	100	100	253
1	FY 07	A	5150	0	5150														A		240	245	340	400	440	480	500	500	500	1505
2	FY 08	A	4320	0	4320																									4320
2	FY 09	A	3935	0	3935																									3935
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R			Nan	ne - Locati	ion		N	MIN	1-8-5	MAX	D-	+	1 In	itial			0		1		2		3							
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DA0100 (D06700) LIGHT TACTICAL TRAILER Item No. 1 Page 10 of 12

		I	FY 08 /	'09 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM LIGHT T				006700)	ı				Dat	te:	Februa	ry 2007					
	C	OST	ELEN	IENTS							Fiscal Y	Year 08	L.										Fiscal Y	Year 09	,						
			PROG	1 GGED	D.17																									1	
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								(Calendaı	r Year 0	18								Caler	ndar Yea	ar 09					
F R		R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later	
На	rdware		1	ı			1																						-		_
1	FY 06	A	1141	1141																										0	
1	FY 06	A	1233	980	253	95	95	63																						0	
1	FY 07	A	5150	3645	1505	505	500	500	1																					0	
2	FY 08	A	4320	0	4320			A	1	360	360	360	360	360	360	360	360	360	360	360	360									0	
2	FY 09	A	3935	0	3935															A		327	327	327	327	327	327	327	328	1318	
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То	tal		15779	5766	10013	600	595	563		360	360	360	360	360	360	360	360	360	360	360	360	327	327	327	327	327	327	327	328	1318	_
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N							1	PRODU	ICTION 1	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	.RKS					
F												hed M	₹R			Prio	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct	_						
R				ne - Locati					1-8-5	MAX	D-	F 1	Init	ial			0		1		2		3		_						
1			Mfg. Co.,	Portland, (OR			100	400	600	6		Red	order			0		1		2		3		_						
2	TBS,	TBS						80	200	400	6	2	Init	ial			0	_	2		2		4		_						
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DA0100 (D06700) LIGHT TACTICAL TRAILER Item No. 1 Page 11 of 12

		F	FY 10 /	11 BU	DGE	Γ PR(ODUC	TIO	N SCI	HEDU	LE			P-1 ITE LIGHT	M NOMI TACTIC			006700)	ı				Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal `	Year 10											Fiscal Y	Year 11						
	1	1 -	T	I	1				1											-										
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 1	10								Cale	ndar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
На	rdware		•																						•					•
1	FY 06	A	1141	1141																										0
1	FY 06	A	1233	1233																										0
1	FY 07	A	5150	5150																										0
2	FY 08	A	4320	4320																										0
2	FY 09	A	3935	2617	1318	330	330	330	328																					0
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Τc	tal		15779	14461	1318	330	330	330	328																					
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N	1							PRODU	CTION I	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reac	hed M	FR			Prie	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+ [1 In	itial			0		1		2		3							
1	Silver	Eagle N	Afg. Co.,	Portland, (OR			100	400	600	6		Re	order			0		1		2		3							
2	TBS,	TBS						80	200	400	6	1	2 In	itial			0		2		2		4							
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Exhibit P-40, Budget Item .	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles			P-1 Item No	omenclature mitrailers, Flatbed:	(D01001)				
Program Elements for Code B Items:		Code:	Α (Other Related Pro	ogram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	20342	100	163	97	117	57		20			22363
Gross Cost	400.0	5.7	96	.7 6.1	7.5	3.8		1.4			521.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	400.0	5.7	96	.7 6.1	7.5	3.8		1.4			521.1
Initial Spares											
Total Proc Cost	400.0	5.7	96	.7 6.1	7.5	3.8		1.4			521.1
Flyaway U/C											
Weapon System Proc U/C	0.1	0.1	0	.1 0.1	0.1	0.1	_	0.1			0.5

- 1. The M870A3 semitrailer lowbed is a 40-ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on primary, secondary, and trail profiles. The semitrailer is a 45-foot long, 102-inch wide multi-axle state-of-the-art trailer with vehicle front end loading capability, dual 12/24 volt electrical system including light emitting diode (LED) lights and 12-inch extensions to expand the trailer width to 126 inches. The semitrailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly. Prime mover is the M915 line haul tractor.
- 2. The M871A3 semitrailer is a 22 1/2-ton drop deck/break bulk (DD/BB) container transporter. It is a tactical, dual purpose, bulk, and container transporter. It transports 20 foot International Organization for Standardization (ISO) Containers on line haul missions and is the primary means of distributing containers and bulk cargo.
- 3. The M872A4 semitrailer is a 34-ton, dual purpose, break bulk/container transporter. The semitrailer has a maximum rated payload of 68,000 pounds and is capable of a daily operating range of at least 300 miles at sustained speeds of 50-60 miles per hour.

Justification:

FY08/09 procures a total of 214 M872A4 semitrailers. Procurement of M872A4s supports modularity conversion requirements and new unit activations and improves the overall operational readiness rate of the M800 series fleet.

FY07 total includes supplemental funding of \$87,000 million to support the global war on terrorism (GWOT).

Item No. 2 Page 1 of 16 13 Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ari					menclature: bed: (D01001)			Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Semitrl LB 40T M870A1/A3 (D00700)		485											
Semitrl FB BB 22 1/2T M871A3 (D01500)		5289	91	58	7920	189	42						
Semitrl FB BB/Cont 34T M872A4 (D01600)		1378	10	138	20613	358	58	6100	97	63	748	6 117	64
Total:		7152			28533			6100			748	6	

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		bruary 2007	
					1				1.0	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		les			P-1 Item No	omenclature EMITRAILER LB	40T M870A1 (CC	E) (D00700)			
Program Elements for Code B Items:		Code:	A	Other Related Pr	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2062		1	04							2166
Gross Cost	49.5	0.5	ç	0.7							59.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	49.5	0.5	ç	0.7							59.7
Initial Spares											1
Total Proc Cost	49.5	0.5	ç	0.7							59.7
Flyaway U/C											
Weapon System Proc U/C	0.0		(0.1							0.1
Description:											

The M870A3 semitrailer lowbed is a 40-ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on primary, secondary, and trail profiles. The semitrailer is a 45-foot long, 102-inch wide, multi-axle, state-of-the-art trailer with vehicle front end loading capability, dual 12/24 volt electrical system including light emitting diode (LED) lights, and 12-inch extensions to expand the trailer width to 126 inches. The semitrailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly. The primary mission of the M870A3 is to transport engineering equipment, as well as pavers, compactors, the Hydraulic Excavator (HYEX), and dozers. The prime mover is the M915 series tractors.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ar					menclature: LB 40T M870A1 (CCE) (D00700)		Weapon Syste	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Vehicle with FRET					8840	104	85						
Test					23								
System Fielding Support					520								
System Technical Support													
Program Management Support		550											
Engineering Change Proposals					336								
Total:		550			9719								

Exhibit P-5a, Budget Procurement	History and Planning							Date: February	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: ER LB 40T M870A1 (CCE) (I	000700)						_
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	_	RFP Issue Date
Vehicle with FRET FY 2007	DRS Technologies ST. Louis, MO	FFP	TACOM, Warren, MI	Jan 07	Jul 07	104	85	Yes	NO	N/A

REMARKS:

		F	Y 07 /	08 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN SEMITR				l (CCE)	(D0070	0)			Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal '	Year 0'	7										Fiscal Y	Year 08						
		S	PROC	ACCEP	BAL									Calenda	r Year 0	7								Cale	ndar Ye	ar 08				
M	F78.7	Е	QTY	PRIOR	DUE	0	N	D	J	F	M		N		1		6	0	N	D	J	F	М	1		J	T .		S	
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	C T	O V	E C	A N	E B	A R	A P R	A Y	U	J U L	A U G	S E P	C T	O V	E C	A N	E B	A R	A P R	M A Y	U N	U L	A U G	E P	Later
Vel	nicle wit	h FRET																												
1	FY 07	A	104	0	104				A						10	10	20	20	20	10	10	4								0
Tot	al		104		104										10	10	20	20	20	10	10	4								
						0	N	D	J	F	M	A	N		J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
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M								PRODU	ICTION :	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed N	1FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1	Initial			3		3		6		9							
1	DRS T	echnolo	ogies, ST.	Louis, M	О			2	5	20	6			Reorder			0		5		5		10							
														Initial																
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date		bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		eles			P-1 Item No	omenclature EMITRAILER FB	BB/CONT TRANS	S 22 1/2 T (D0150	0)		
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	7532	90	5	19							8141
Gross Cost	157.1	3.9	20	0.9							182.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	157.1	3.9	20	0.9							182.0
Initial Spares											
Total Proc Cost	157.1	3.9	20	0.9							182.0
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0									0.1

The M871A3 semitrailer, drop deck/break bulk (DD/BB) container transporter, 22-1/2 ton, is a tactical, dual purpose, bulk and container transporter. The M871A3 model is the authorized worldwide transporter of International Organization for Standardization (ISO) containers within the military logistics system. The M871A3 is used on line-haul missions as the primary transporter of ISO containers, and bulk cargo. The M871A3 is also the primary transporter of the 3,000-gallon Reverse Osmosis Water Purification Unit (ROWPU) and the Laundry Advanced System (LADS). The prime movers are the 5-Ton truck (M939/809), Family of Medium Tactical Vehicles (FMTV), and line haul tractors. FY 2006 Congressional add of \$1.2 million will be used to procure 600 Series Commercial Tractor Trailers.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr					menclature: FB BB/CONT TR	ANS 22 1/2 T (D	01500)	Weapon Syste	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
M871A3 Vehicle with FRET		3049	90	34	17580	519	34						
Sub Total		3049			17580								
Program Management		544											
System Fielding		249			2595								
Documentation		30			48								
ECPs		67			668								
1													
Total:		3939			20891								

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: ER FB BB/CONT TRANS 22	/2 T (D01500)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M871A3 Vehicle with FRET										
FY 2006	Fontaine Trailer Co. Princeton, KY	REQ (4)	TACOM, Warren, MI	Feb 06	Aug 06	90	30	Yes	N/A	N/A
FY 2007	Fontaine Trailer Co. Princeton, KY	REQ (5)	TACOM, Warren, MI	Jan 07	Jul 07	519	31	Yes	N/A	N/A

REMARKS:

		F	Y 06 /	07 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN SEMITR				RANS 2	22 1/2 T	(D01500))		Dat		Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal Ye	ar 06											Fiscal Y	ear 07						
		T ~							ı							_														
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	6								Caler	ıdar Ye	ar 07				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M8	71A3 V	ehicle w	ith FRET			ı	ı	1		I				· ·											ı					ı
1	FY 06	A	90	0	90					A						5	6	6	6	7	10	10	10	10	10	10				0
1	FY 07	A	519	0	519																A						43	43	43	390
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Tot	a1		609		609			-								5	6	6	6	7	10	10	10	10	10	10	43	43	43	390
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M								PRODU	JCTION 1	RATES							DMIN I			1	MFR		TOTA		REMA		alo to pro	duaa ra	nn un c	cheduled
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R	+			ne - Locati			1	MIN	1-8-5	MAX	D+	1	Ini	tial			4		4		6		10		_					
1	Fontai	ne Trail	er Co., Pr	rinceton, K	ΥY			2	10	50	10		Re	order			0		4		4		8		_					
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Item No. 2 Page 10 of 16 22

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	C	OST	ELEM	IENTS							Fiscal Y	Year 08	;										Fiscal Y	Zear 09						
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M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (8								Caler	ıdar Ye	ar 09				
F R	FY	R V	Units	TO 1 OCT	AS OF	C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	Later
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-	FY 06	A	vith FRET			$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$																					0
	FY 07	A	519			43	3 43	44	44	44	43	43	4	3 43																0
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Tot	al		609	219	390		43	44	44	44	43	43	43	43														<u> </u>		
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1	Fontai	ne Trail	ler Co., Pr	rinceton, K	XY		+	2	10	50	10	<u> </u>	_	order		-	0		4		4		8		_					
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles			P-1 Item No	menclature MITRAILER FB I	BB/CONT TR 34T	M872 C/S (D0160	00)		
Program Elements for Code B Items:		Code:	Α (Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	10748	10	100	97	117	57		20			12056
Gross Cost	193.3	1.3	66	.1 6.1	7.5	3.8		1.4			279.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	193.3	1.3	66	.1 6.1	7.5	3.8		1.4			279.5
Initial Spares											
Total Proc Cost	193.3	1.3	66	.1 6.1	7.5	3.8		1.4			279.5
Flyaway U/C											
Weapon System Proc U/C		0.3	0	.1 0.1	0.1	0.1		0.1			0.7

The M872A4 semitrailer is a dual purpose, break bulk/container transporter, 43-foot with a maximum payload of 67,200 pounds over primary and improved secondary roads. The M872A4 is a commercially adapted semitrailer. Its mission is to transport a single 40-foot or two 20-foot International Organization for Standardization (ISO) containers, palletized cargo, and light combat and tactical vehicles. The A4 model provides greater off road capability than the previously fielded models. It has been updated to minimize corrosion to achieve a minimum 20 year service life. The axles now have greater capacities to carry increased weight and the suspension was redesigned to improve flexion and deflection of the trailer deck for non-standard shaped loads. It also includes an enhanced electrical system for the attachment of diagnostic equipment, anti-lock brake controllers for improved control, and tires and rims that have been updated to add service life. The prime mover is the M915 series 6 x 4 line haul tractor.

Justification:

FY08/09 procures 97 and 117 M872A4 semitrailers respectively. The M872A4 semitrailer will fill modularity requirements and Army Preposition Stock (APS) requirements.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr					menclature: FB BB/CONT TR	. 34T M872 C/S (I	D01600)	Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
M872A4 Vehicle with FRET		443	10	44	52062	1007	52	5246	97	54	646	1 117	55
Sub Total		443			52062			5246			646	1	
Testing		29			150			14			1	7	
Program Management					4499			183			21	1	
System Fielding		850			5099			485			58	6	
Engineering Change Proposals (ECPs)		4			1956			158			19	4	
Modifications					150			14			1	7	
Sub Total		883			11854			854			102	5	
SLOT Trailer					2200	20	110						
Total:		1326			66116			6100			748	6	

Exhibit P-5a, Budget Procurement History and Planning Appropriation/Budget Activity/Serial No: Weapon System Type: P-1 Line Item Nomenclature:											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: ER FB BB/CONT TR 34T M87	72 C/S (D01600))		•				
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
M872A4 Vehicle with FRET											
FY 2007	Talbert Manufacturing, Inc. Rensselaer, Indiana	FFP/REQ 5	TACOM, Warren, MI	Nov 06	May 07	73	52	Yes	N/A	N/A	
FY 2007	Talbert Manufacturing, Inc. Rensselaer, Indiana	FFP/REQ 5	TACOM, Warren, MI	Jan 07	Jul 08	494	52	YES	N/A	N/A	
FY 2007	Talbert Manufacturing, Inc. Rensselaer, Indiana	FFP/REQ 5	TACOM, Warren, MI	Mar 07	Jan 09	440	52	YES	N/A	N/A	
FY 2008	To be determined To be determined	FFP	TACOM, Warren, MI	Jan 08	Jul 08	97	54	YES	N/A	JUL 07	
FY 2009	To be determined To be determined	FFP	TACOM, Warren, MI	Feb 09	Aug 09	117	55	YES	N/A	AUG 08	

REMARKS:

		F	Y 07 /	08 BU	J DGE T	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN SEMITR				R 34T M	1872 C/S	S (D0160	00)		Date		Februa	ry 2007				
	C	OST	ELEN	1ENTS	5						Fiscal Y	Year 07											Fiscal Y	Zear 08						
		1	1	1	1				1												1									
M		S E	PROC QTY	ACCEP PRIOR										Calenda	r Year 0	7								Calen	dar Ye	ar 08				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M8	72A4 V	ehicle w	ith FRET	Γ		•		•									•													•
1	FY 07	A	73	0	73		A							7 40	26															0
1	FY 07	A	494	0	494				A						14	20	30	30	30	30	30	30	30	30	30	30	20	20	20	100
1	FY 07	A	440	0	440						A																		l	440
2	FY 08	A	97	0	97																A						20	20	20	37
2	FY 09	A	117	0	117																								l	117
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Tot	al		1221		1221								7	40	40	20	30	30	30	30	30	30	30	30	30	30	40	40	40	694
						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							1	PRODU	CTION 1	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				-
F											Reac	hed MI	FR			Prio	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nan	ne - Locati	ion		N	MIN	1-8-5	MAX	D-	+ 1	In	itial			0		4		6		10							
1				Inc., Rens		diana		1	4	40	10		-	eorder			0	-	3		6		9							
2	To be	determi	ned, To b	e determir	ned			1	4	4	10) 2	-	itial			0		4		6		10							
														eorder			0		3		6		9							
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Item No. 2 Page 15 of 16 27

		F	Y 09 /	10 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM SEMITR				R 34T N	/1872 C/S	S (D016	00)		Dat	te:	Februa	ary 2007				
	C	OST	ELEM	IENTS							Fiscal Y	7ear 09											Fiscal Y	Year 10	1					
		1	1	ı	1				1												1									_
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								•	Calenda	r Year 0	9								Cale	ndar Ye	ar 10				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M8	72A4 V	ehicle w	ith FRET														<u> </u>													
1	FY 07	A	73	73																										0
1	FY 07	A	494	394	100	10	10	10	10	20	20	20																		0
1	FY 07	A	440	0	440		23	30	30	20	20	20	40	40	40	10	10	10	13	40	40	40	14							0
2	FY 08	A	97	60	37	30	7																							0
2	FY 09	A	117	0	117					Α						30	30	30	27											0
																												_		
																												<u> </u>		
																												<u> </u>	-	
Tot	al		1221	527	694	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	14							
					•	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
	T												1							I		1								
M							I	PRODU	CTION I	RATES							DMIN I			4	MFR		TOTA		REMA	.RKS				
F												hed MI	FR			Pric	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D-	- 1	Init	ial			0		4		6		10							
1	+			Inc., Rens		diana		1	4	40	10		Red	order			0		3		6		9							
2	To be	determii	ned, To b	e determir	ned			1	4	4	10	2	Init	ial			0		4		6		10							
													Red	order			0		3		6		9							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Da		ebruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		eles			P-1 Item No Ser	menclature mitrailers, tankers	(D02001)				
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2509	54	4.	11	119						3106
Gross Cost	197.8	6.0	65	.2 2.2	24.0						295.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	197.8	6.0	65	.2 2.2	24.0						295.2
Initial Spares											
Total Proc Cost	197.8	6.0	65	.2 2.2	24.0						295.2
Flyaway U/C											
Weapon System Proc U/C		0.2	0	.1 0.2	0.1						0.6

This budget line procures two different types of 5000-Gallon Semitrailers: the M967A2 Bulkhauler and the M969A3 Automotive Refueler. They share the same production line and have common components. The bulkhaulers have a four-cylinder diesel engine and a four-inch centrifugal pump. The refuelers are equipped with a self-priming pump assembly and filter separator assembly, with a dispensing assembly consisting of dual pressured, automotive refueling systems. The tankers are found primarily in Transportation Medium Truck Companies and Petroleum Supply Companies assigned to Quartermaster Battalions. Semitrailer features include a stainless steel, single compartment tank of 5000-gallon capacity, top and bottom loading capacity, an automatic overflow shutoff device, and gravity discharge capability. It is also equipped with a four-cylinder diesel engine and pump assembly, tandem axles, manually operated landing gear, radial tires, a fuel capacity measuring device and a vapor recovery system/kit. When empty, these semitrailers are air transportable and are designed to be towed by a truck tractor equipped with a fifth wheel. The authorized prime mover for the highway and cross-country is the 5-Ton Truck Tractor.

Justification:

FY08/09 procures a total of 130 M969A3s. These refuelers fill modularity requirements and Army Preposition Stock (APS) requirements.

FY07 total includes supplemental funding of \$53.600 million to support the global war on terrorism (GWOT).

FY06 procured 28 M967A2 and 26 M969A3s.

FY07 procures 255 M967A2 and 158 M969A3s.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ari					menclature: ers (D02001)			Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
M967 Bulkhaul Vehicle with FRET		2399	28	86	32774	255	129						
Support Costs		400			3043								
Sub Total M967		2799			35817								
M969 Bulkhaul Vehicle with FRET		2757	26	106	25923	158	164	1901	11	173	2085	4 119	17.
Support Costs		398			3489			284			315	1	
Sub Total M969		3155			29412			2185			2400	5	
Total:		5954			65229			2185			2400	5	

Exhibit P-40, Budget Item .	Justificatio	n Sheet						Γ	Oate:	ebruary 2007	
Appropriation / Budget Activity / Serial Other Procurement, Army / 1 / Tactica		eles			P-1 Item No SE		NK 5000G AUTOI	MOTIVE (DO	2306)		
Program Elements for Code B Items:		Code:	A	ther Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12 FY 2013	To Complete	Total Prog
Proc Qty	2509	54	41	3 11	119						3106
Gross Cost	197.8	6.0	65.	2.2	24.0						295.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	197.8	6.0	65.	2 2.2	24.0						295.2
Initial Spares											
Total Proc Cost	197.8	6.0	65.	2 2.2	24.0						295.2
Flyaway U/C											
Weapon System Proc U/C		0.2	0.	1 0.2	0.1						0.6

The M969A3 5000-Gallon Fuel Tanker Semitrailer performs automotive refueling and bulk fuel hauling from Division to Main Supply and Forward Support Battalions. The M969A3 Tanker is found primarily in Transportation Medium Truck Companies and Petroleum Supply Companies assigned to Quartermaster Battalions. The M969A3 is equipped with a self-priming pump assembly and a filter separator assembly for automotive fuel. This dispensing assembly consists of dual automotive refueling systems that are pressurized to deliver fuel by a diesel engine and centrifugal pump combination. Each refueling system is composed of a meter, electric rewind hose reel, 50-feet of dispensing hose, and a dispensing nozzle.

Justification:

FY08/09 procures 11 and 119 M969A3s respectively. The semitrailer tankers will fill modularity requirements and Army Preposition Stock (APS) requirements.

FY06 procured 28 M967A2 and 26 M969A3s.

FY07 procures 255 M967A2 and 158 M969A3s.

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	oriation/Budget Ac Procurement, Ar	ctivity/Seri my / 1 / Ta	al No: actical and support			menclature: ΓΑΝΚ 5000G AU	TOMOTIVE (D0:	2306)	Weapon System	n Type: D	ate:	February 2007
OPA1	ID		FY 06		•	FY 07			FY 08	•	1	FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
M967 Bulkhaul Vehicle with FRET		2399	28	86	32774	255	129						
Engineering Change Proposals (ECP)s		13			818								
Testing					440								
Engineering Support													
PM Support - Govt		292											
System Tech Support					659								
Fielding Support		95			1126								
Documentation													
M967 Bulkhaul Sub Total		2799			35817								
M969 Automotive Vehicle with FRET		2757	26	106	25923	158	164	1901	11	173	20854	119	175
Engineering Change Proposals (ECP)s		16			808			57			726		
Testing					235			16			277		
Engineering Support					546			15			257		
PM Support - Govt		292			799			138			1062		
System Tech Support													
Fielding Support		90			897			44			576		
Documentation					204			14			253		
M969 Automotive Sub Total		3155			29412			2185			24005		
Total:		5954			65229			2185			24005		

Exhibit P-5a, Budget Procuremen	t History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: ER TANK 5000G AUTOMOT	TIVE (D02306)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M967 Bulkhaul Vehicle with FRET										
FY 2006	Heil Trailer International Athens, Tennessee	REQ5 (5)	TACOM, Warren, MI	Apr 06	Oct 06	28	86	Yes	N/A	N/A
FY 2007	Heil Trailer International Athens, Tennessee	REQ5 (5)	TACOM, Warren, MI	Jan 07	Jul 07	255	129	Yes	N/A	N/A
M969 Automotive Vehicle with FRET										
FY 2006	Heil Trailer International Athens, Tennessee	REQ5 (5)	TACOM, Warren, MI	Apr 06	Oct 06	26	106	Yes	N/A	N/A
FY 2007	Heil Trailer International Athens, Tennessee	REQ5 (5)	TACOM, Warren, MI	Jan 07	Jul 07	158	164	Yes	N/A	N/A
FY 2008	TBS To be Determined	REQ	TACOM, Warren, MI	May 08	Nov 08	11	173	Yes	N/A	Sep-07
FY 2009	TBS To be Determined	REQ	TACOM, Warren, MI	Oct 08	Apr 09	119	175	Yes	N/A	N/A

REMARKS: FY07 contract is an extension of the REQ(5) contract because the original contract expired in NOV 06. Contractor's proposal currently shows an increase in price due to cost increase on stainless steel.

		F	'Y 06 /	07 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE				M NOME RAILER T			UTOMO	OTIVE (D02306)		Dat	e:	Februai	ry 2007				
	CO	OST	ELEM	IENTS	5						Fiscal `	Year 06											Fiscal Y	ear 07						
		1		1	1				ı												ı									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 0	6								Cale	ndar Yea	ar 07				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M96	7 Bulkl	naul Ve	hicle with	1 FRET			•					•												•						•
1 F	Y 06	A	28	0	28							A						3	3	3	3	3	3	3	3	4				0
1 F	Y 07	A	255	0	255																A						22	22	22	189
M96	9 Autor	motive '	Vehicle w	vith FRET																										
1 F	Y 06	A	26	0	26							A						3	3	3	3	3	3	3	3	2				0
1 F	Y 07	A	158	0	158																A						9	9	9	131
2 F	Y 08	A	11	0	11																									11
2 F	Y 09	A	119	0	119																									119
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						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
									1	l I																				<u>I</u>
M]	PRODU	ICTION :	RATES						Α	DMIN L	EAD T	IME		MFR		TOTA	A L	REMA					1
F											Reac	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct	Contrac MK97(ctor curr	rently run , and M9	ning pro	oduction ntractor	for will not
R			Nam	ne - Locati	ion		N	MIN	1-8-5	MAX	D	+	l Ir	nitial			0		4		6		10				ty to mee			
1	Heil Tı	ailer In	ternation	al, Athens	, Tenness	ee		2	20	37	6		R	eorder			0		1		6		7							
2	TBS, T	o be De	etermined	i				2	20	37	6		2 Ir	nitial			0		4		6		10							
													R	eorder			0		1		6		7							
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											R	eorder																		
											Ir	nitial																		
											R	eorder																		
				-									Ir	nitial																
												R	eorder											1						

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Exhibit P-21 Production Schedule

		F	Y 08 /	09 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM SEMITR				UTOMO	OTIVE (D02306	5)		Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 08											Fiscal Y	Year 09						
				1					1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Caler	ndar Ye	ar 09				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M9	67 Bulk	haul Ve	hicle with	FRET					•												•									•
1	FY 06	A	28	28																										0
1	FY 07	A	255	66	189	21	21	21	21	21	21	21	21	21															<u> </u>	0
M9	69 Auto	motive	Vehicle w	ith FRET																										
1	FY 06	A	26	26																									<u> </u>	0
1	FY 07	A	158	27	131	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	9								<u> </u>	0
_	FY 08	A	11	0	11								Α	ı					2	2	2	2	3						<u> </u>	0
2	FY 09	A	119	0	119													A						18	18	18	18	18	18	11
																													<u> </u>	
																														
																													i	
																													 	
Tot	al		597	147	450	30	30	29	29	29	29	29	29	29	8	8	8	8	10	10	11	2	3	18	18	18	18	18	18	11
						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]	PRODU	CTION	RATES							DMIN I			4	MFR		TOTA		REMA		antly my	nning pro	oduation	o for
F												hed MI	FR.			Pri	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct	MK970), M967,	and M9	969s. Co	ntractor	r will not
R				e - Locati			N	MIN	1-8-5	MAX	D-		Ini	tial			0		4		6		10		increas	e capaci	ty to me	et Army	require	ments.
1				al, Athens	, Tenness	ee		2	20	37	6	_		order			0	-	1		6		7		_					
2	TBS,	Γo be D	etermined	l				2	20	37	6	2	Ini	tial			0		4		6		10		_					
													Re	order			0		1		6		7							
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]	FY 10 /	11 BU	DGE	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEI SEMITE				UTOMO	OTIVE (D02306)		Dat	te:	Februa	ry 2007				
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Exhibit P-40, Budget Item .	Justificatio	n Sheet						Date:	Fel	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactica		cles			P-1 Item No	menclature MOB MULTI-PU	RP WHLD VEH (HMMWV) (D1540	00)		
Program Elements for Code B Items:											
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	115426	7096	925	3268	3886	4194	3730	4172	1663		152688
Gross Cost	6139.0	1281.4	1659	.0 596.6	668.5	721.5	645.4	721.9	291.1		12724.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	6139.0	1281.4	1659	.0 596.6	668.5	721.5	645.4	721.9	291.1		12724.6
Initial Spares											
Total Proc Cost	6139.0	1281.4	1659	.0 596.6	668.5	721.5	645.4	721.9	291.1		12724.6
Flyaway U/C											
Weapon System Proc U/C	0.2	0.6	0	.2 0.2	0.2	0.2	0.2	0.2	0.2		2.0

The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) is a lightweight, high performance, four-wheel drive, air transportable and air droppable family of tactical vehicles. The vehicle has a diesel engine, automatic transmission and payload capacity of 3,500 lbs. The Up-Armored HMMWV (M1114) provides its crew complete ballistic protection against anti-tank and anti-personnel mines, and 360-degree protection against 7.62 NATO armor piercing munitions. The M1151A1 replaces the M1025A2 Armament Carrier and the M1152A1 (2-door variant) and M1165A1 (4 door variant) replaces the M1097A2 Heavy HMMWV and the M1113 Expanded Capacity Vehicle. All variants are built on an Expanded Capacity Vehicle (ECV) Chassis which provides additional carrying capacity and are produced with an integrated armor package with the capability to accept add-on armor kits.

Justification:

FY08/09 procures a total of 7,154 HMMWVs with variants to include Armored M1151A1s, M1152A1s and M1165A1s with integrated armor. FY08/09 also funds safety initiatives such as fire suppression, safety restraints and enhanced armor doors, which will be incorporated during production. M1151A1s, M1152A1s and M1165A1s are required to support the Global War on Terror (GWOT) and Army Modularity and Brigade Combat Teams (BCT). HMMWVs are also required for Data Interchange Program development and fielding of critical Combat Support and Combat Service Support Systems such as Advanced Field Artillery Tactical Data System (AFATDS), Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T) and Tactical Unmanned Aerial Vehicle (TUAV). Some of these Data Interchange HMMWVs will be provided to integrating Project Managers to support meeting their critical milestones in equipping Stryker Brigade Combat Teams and modularizing BCTs. In FY08, the Armored M1151s will be used in lieu of M1114 Up-Armored HMMWVs in both the Military Police and Special Operations Forces Light Tactical Vehicle modernization programs. These vehicles will also support the Rangers, Ground Mobility Systems, the Knight program, the Army National Guard Division Redesign Study (ADRS) and other Army Data Interchange requirements.

FY06/07 totals include supplemental funding of \$1.06 billion and \$1.07 billion respectively, to support the global war on terrorism (GWOT). FY07 also includes Congressional Add of \$3.85 million.

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Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	riation/Budget Ac Procurement, Ar	ctivity/Seria my / 1 / Ta	al No: ctical and support	vehicles P-1 Lin		menclature: -PURP WHLD VE	EH (HMMWV) (I	D15400)	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicles													
Up-Armor M1114		68072	1156	59									
Government Furnished Equipment (Chassis)		94482	1156	82									
Total Up-Armor M1114 (UAH)		162554											
M1151A1 (Armored)		811449	5391	151	720925	4738	152	189258	1241	153	154953	1007	15
M1152A1 (Armored)		3502	29	121	204887	1660	123	124390	1007	124	231559	1859	12
M1152A1 (Armor Ready)		49683	520	96									
M1165A1 (Armored)					408790	2855	143	146548	1020	144	147558	1020	14
Subtotal		864634			1334602			460196			534070		
Overhead Cost													
Project Management Support		4606			4743			4813			4886		
Government Testing													
Comparison Test		226			230			233			237		
Preproduction Qualification Test		314			319			323			328		
System Technical Support (STS)		9500			9658			9700			9845		
Engineering Support - In-House		2461			2498			2535			2573		
Variable Cost													
Fielding Support		31721			21791			14609			15350		
Engineering Changes		12970			19352			6658			7667		
Kits (Voice Radio, Singars, GPK)		192407			265814			97560			93592		
Total:		1281393			1659007			596627			668548		

Exhibit P-5a, Budget Proc	curement History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and supp	Weapon System Type:		Nomenclature: LTI-PURP WHLD VEH (HM	MWV) (D15400))					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Up-Armor M1114										
FY 2006	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Option	TACOM, Warren, MI	Dec 05	Apr 06	568	61	Yes	N/A	N/A
FY 2006	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Option	TACOM, Warren, MI	Feb 06	Jun 06	588	58	Yes	N/A	N/A
M1151A1 (Armored)										
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Feb 06	Aug 06	850	149	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	May 06	Oct 06	139	158	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Jul 06	Nov 06	3800	158	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Sep 06	May 07	602	151	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Nov 06	Apr 07	4126	152	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Jun 07	Dec 07	612	152	Yes	N/A	N/A
FY 2008	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 07	Apr 08	1241	153	Yes	N/A	N/A
FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 08	Apr 09	1007	154	Yes	N/A	N/A
M1152A1 (Armored)										
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Feb 06	Sep 06	28	121	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Sep 06	Jun 07	1	121	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Nov 06	Apr 07	1145	123	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Jun 07	Dec 07	515	123	Yes	N/A	N/A
FY 2008	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 07	Apr 08	1007	124	Yes	N/A	N/A
FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 08	Apr 09	1859	125	Yes	N/A	N/A

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: LTI-PURP WHLD VEH (HMM	ИWV) (D15400)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M1152A1 (Armor Ready)										
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Aug 06	Jan 07	435	96	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Sep 06	May 07	85	96	Yes	N/A	N/A
M1165A1 (Armored)										
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Nov 06	May 07	2855	143	Yes	N/A	N/A
FY 2008	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 07	Apr 08	1020	144	Yes	N/A	N/A
FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 08	Apr 09	1020	145	Yes	N/A	N/A

REMARKS:

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		F	Y 06 /	07 BU	DGE	Γ PR(DDUC	CTIO	N SCI	HEDU	LE			P-1 ITEM HI MOB				VEH (HI	MMWV) (D1540	00)		Dat	te:	Februar	ry 2007				
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2	FY 06	A	588	0	588					Α				230	105	23	140	90												0
2	FY 06	MC	1826	0	1826	188	244	378	399	93	94	118		89	223															0
2	FY 06	MC	446	0	446												A				100	180	166							0
2	FY 06	OTH	2572	0	2572	52	56	30	1	357	456	248	402	207	86	89	50	91	228	111	108									0
M	M1151A1 (Armored)																													
1	FY 06													141	340	369													0	
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_	FY 07	A	4126	0	1120														A					126	151	212	244	1129	896	1368
1	FY 07	A	612	0	012																					A			ļ	612
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h-	FY 07	NA		0																	A									61
-	FY 08	A	1241	0	1241	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	1241
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1	FY 07	A	1145	0	1145														A					4	9	178	251	168	255	280
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M							I	PRODU	CTION	RATES						A	ADMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				ļ
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2	O'Gara	Hess &	Eisenha	rdt, Fairfi	eld, OH			30	80	650			2 Ini	tial			0	_	3		6		9							
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	FY 09	A	1007	0		T	V	С	N	В	R	R	Y	N	L	G	P A	T	V	С	N	В	R	R 84	Y 84	N 84	L 84	G 84	P 84	503
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1	FY 06	MC	290	290)																									0
1	FY 07	A	1145	865	5 280	100	100	80																						0
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1	FY 08	A	1007	0	1007	A						83	8	4 84	84	84	84	84	84	84	84	84	84							0
1	FY 09	A	1859	0	1859													A						155	155	155	155	155	155	929
M1	152A1 (.	Armor I	Ready)										-																	
1	FY 06	A	435	435	5																									0
1	FY 06	A	85	85	5																									0
M1	165A1 (.	Armore	d)																											
1	FY 07	A	2855	1049		1007	679	120																						0
1	FY 07	MC	330	330)																									0
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1	FY 09	A	1020	0	1020													A						85	85	85	85	85	85	510
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Tot	al		30192	17687	12505	1300	1300	948	702	595	506	272	273	273	273	273	272	272	272	272	272	272	272	324	324	324	324	324	324	1942
100			50172	17007	12000	0	N	D	J	F	М	A	M	J	J	A	S	0	N	D	J	F	M	Α	M	J	J .	A	S	17.2
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2	FY 06	A	588	588																										0
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1 FY 09 A 1007 504 503 84 84 84 84 84 83 M1152A1 (Armored)													<u> </u>		<u> </u>								<u> </u>							
_	FY 05	A	286	286																										0
_	FY 06	A	28	28																										0
1	FY 06	A	1	1																										0
1	FY 06	MC	290	290																										0
1	FY 07	A	1145	1145																										0
1	FY 07	A	515	515																										0
1	FY 08	A	1007	1007																										0
1	FY 09	A	1859	930	929	155	155	155	155	155	154																			0
M1	152A1 (Armor I	Ready)																	•		•		•		•		•		
1	FY 06	A	435	435																										0
1	FY 06	A	85	85																										0
M1	165A1 (.	Armore	d)																											
1	FY 07	A	2855	2855																										0
1	FY 07	MC	330	330																										0
1	FY 08	A	1020	1020																										0
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M]	PRODU	CTION	RATES						A	ADMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed M	IFR			Pri	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Name	- Locati	on		N	MIN	1-8-5	MAX	D-	+	1 I	nitial			0		0		6		6							
1	AM G	eneral, N	Mishawaka	ı, IN				313	700	1300			F	teorder			0		0		6		6							
2	O'Gara	Hess &	Eisenhard	lt, Fairfi	eld, OH			30	80	650			2 I	nitial			0		3		6		9							
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F R	FY	R V	Units		AS OF	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	Later
	FY 09	A	1020	510		T 85	V 85	C 85	N 85	B 85	R 85	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	0
. 1	F1 09	A	1020	310	310	85	63	65	65	65	65				-															0
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То	tal		30192	26495	1942	324	324	324	324	324	322									_		-					<u> </u>	<u> </u>		
						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	
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1	_		Mishawal					313	700	1300			_	eorder			0	+	0		6		6							
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Exhibit P-40, Budget Item .	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		eles			P-1 Item No	omenclature MILY OF MEDIU	JM TACTICAL V	EH (FMTV) (D155		ordary 2007	
Program Elements for Code B Items:		Code:	Α (Other Related Pro PE 06046		s: Medium Tactical	Vehicles				
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	29963	3276	578	38 2862	3186	3563	3772	3816	3503	20437	80166
Gross Cost	5265.6	674.8	1484	.0 828.4	834.4	982.3	1009.4	1115.8	1011.5	7078.2	20284.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	5265.6	674.8	1484	.0 828.4	834.4	982.3	1009.4	1115.8	1011.5	7078.2	20284.5
Initial Spares											
Total Proc Cost	5265.6	674.8	1484	.0 828.4	834.4	982.3	1009.4	1115.8	1011.5	7078.2	20284.5
Flyaway U/C											
Weapon System Proc U/C	0.2	0.2	0	.3 0.3	0.3	0.3	0.3	0.3	0.3	0.3	2.7

The Family of Medium Tactical Vehicles (FMTV) is a complete series of trucks and trailers, based on a common chassis, that vary 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. The MTV utilizes the Load Handling System (LHS), and has a higher capacity dump. Sub-variants provide Air Drop capability for contingency and rapid deployment operations. Commonality between variants significantly reduces operation and maintenance costs. FMTV performs over 55% of the Army's local and line haul, and unit resupply missions in combat support, and combat service support units. Extended applications of the FMTV include support to other Army requirements such as Towed Artillery Digitization (TAD), Theater High Altitude Area Defense (THAAD), Patriot Recapitalization, High Mobility Artillery Rocket System (HIMARS), Medium Extended Air Defense System (MEADS), Non Line of Sight Launching System (NLOS-LS), Joint Network Node (JNN), Laundry Advanced System (LADS), Containerized Kitchen, Integrated Family of Test Equipment (IFTE), Calibration Sets (CALSETS) and the Unit Water Pod System (CAMEL). FMTV trailers (LMTV & MTV) have the same payload as the LMTV/MTV trucks. The quantities shown above reflect trucks only.

Justification:

FY08/09 budget includes \$828.4 million (2,862 trucks, 1,563 trailers) and \$834.4 million (3,186 trucks, 1,206 trailers) respectively.

The FMTV fills the 2-1/2-ton and 5-ton truck and trailer requirements, fulfills Army modularity requirements and modernizes the medium fleet, reduces operating and support costs, resolves potential operational deficiencies and operates throughout the theater as a multi-purpose transportation vehicle used by combat, combat support, and combat service support units. The system's design enables rapid deployment worldwide and operation on primary and secondary roads, trails, and cross-country terrain in all climate conditions.

FY06/07 totals include supplemental funding of \$293.9 million and \$794.7 million respectively, to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis		oriation/Budget Ac Procurement, Arr					menclature: DIUM TACTICA	L VEH (FMTV) ((D15500)	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08	•		FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. Vehicles													
LMTV Cargo M1078	A	127520	953	134	174606	1493	117	217021	1338	162	431764	2607	166
LMTV Cargo w/ winch M1078		5605	44	127	49083	434	113	32023	186	172	5450	31	176
LMTV Cargo-Air Drop M1081		29399	226	130									
LMTV Cargo-Air Drop w/ winch M1081		1668	12	139									
LMTV Van M1079		11325	58	195	24087	137	176						
LMTV Van w/ winch M1079													
LMTV Chassis M1080													
SUBTOTAL LMTV		175517			247776			249044			437214		
MTV Cargo M1083		133490	898	149	294192	2091	141	169768	935	182	8899	48	185
MTV Cargo w/ winch M1083		49235	385	128	64797	434	149	5548	29	191	19144	98	195
MTV Cargo-Air Drop M1093		26288	178	148				1883	11	171	1748	10	175
MTV Cargo-Air Drop w/ winch M1093		2496	16	156							924	. 5	185
MTV Cargo-Long Wheel Base (LWB) M1085		7507	49	153	11680	79	148	3685	20	184	3763	20	188
MTV Cargo-LWB w/ winch M1085		290	2	145	1879	15	125	582	3	194	594	3	198
MTV Cargo-LWB- Mat'l Handl Equip M1086													
MTV Cargo MHE M1084		26153	130	201	37189	164	227	23090	92	251	32383	127	255
MTV Dump M1090													
MTV Dump w/ winch M1090													
MTV Dump-Air Drop M1094													
MTV 10 Ton Dump M1157		14319	75	191				2104	10	210	1933	9	215
MTV 10 Ton Dump M1157 w/winch													
MTV Tractor M1088		14843	111	134	65142	546	119	35888	200	179	18323	100	183
MTV Tractor w/ winch M1088		3964	28	142	7935	65	122	7195	38	189	7347	38	193
MTV Wrecker M1089		18804	65	289	42078	160	263				19357	50	387
MTV Expansible Van M1087		17015	46	370	61809	170	364				19496	40	487
MTV Chassis													
MTV HIMARs Launcher Chassis XM1140													
MTV LHS XM1148													
MTV Chassis-LWB													
SUBTOTAL MTV		314404			586701			249743			133911		

Exhibit P-5, Weapon OPA1 Cost Analysis		oriation/Budget Ac Procurement, Arr					menclature: DIUM TACTICA	L VEH (FMTV) ((D15500)	Weapon System	m Type: D	ate:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
LMTV Trailers M1082		14194	642	22	48614	2212	22	32150	1271	25	23194	898	26
MTV Trailers M1095		11656	367	32	30480	975	31	10613	292	36	11430	308	37
SUBTOTAL TRAILERS		25850			79094			42763			34624		
2. Federal Retail Excise Tax		14620			52695			30635			16221		
3. Engineering Changes		64895			87566			16246			18172		
4. Testing													
Contractor		3081			1026						1070		
Government		470			2594			2166			6947		
5. Contractor Program Support		14468			4849			8341			4385		
6. Engineering Support													
Government (In-house)		4784			3618			3695			3773		
Contractor		13011			14383			14704			15033		
Competitive Evaluation					9440			4000					
7. Quality Assurance Support (In-house)		1351			1017			1039			1061		
9. Kits		8349			11805			6269			6281		
10. Armor A/B Kits					345360			150153			121556		
11. Fielding Support		24982			22210			36887			20848		
12. Project Mgmt Support		9028			13907			12718			13333		
Total:		674810			1484041			828403			834429		

Exhibit P-5a, Budget Procurem	ent History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicle	Weapon System Type:	P-1 Line Item FAMILY OF	Nomenclature: MEDIUM TACTICAL VEH	(FMTV) (D1550	00)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Vehicles										
FY 2006	Stewart & Stevenson (S023) Sealy, TX	CM-5(4)	TACOM, Warren, MI	Mar 06	Oct 06	1922	145	Yes	N/A	N/A
FY 2006	Stewart & Stevenson (S023) Sealy, TX	Option	TACOM, Warren, MI	Nov 06	Jul 07	529	115	Yes	N/A	N/A
FY 2006	Stewart & Stevenson (S023) Sealy, TX	Option	TACOM, Warren, MI	Mar 07	Mar 08	825	154	Yes	N/A	N/A
FY 2007	Stewart & Stevenson (S023) Sealy, TX	CM-5(5)	TACOM, Warren, MI	Nov 06	Oct 07	1800	146	Yes	N/A	N/A
FY 2007	Stewart & Stevenson (S023) Sealy, TX	Option	TACOM, Warren, MI	Nov 06	Nov 07	2485	129	Yes	N/A	N/A
FY 2007	Stewart & Stevenson (S023) Sealy, TX	SS/Option	TACOM, Warren, MI	Mar 07	Mar 08	1503	167	Yes	N/A	N/A
FY 2008	Stewart Stevenson Sealy, TX	SS/Option	TACOM, Warren, MI	Oct 07	Jul 08	2146	177	No	Mar 07	Mar 0
FY 2008	TBS TBD	CREQ-3(1)	TACOM, Warren, MI	Jun 08	Jul 09	716	166	No	Oct 07	Oct 07
FY 2009	TBS TBD	CREQ-3(2)	TACOM, Warren, MI	Oct 08	Oct 09	3186	179	N/A	N/A	N/A

REMARKS: FY2007 Option. Reflects competitively-priced options under the provisions of the current production contract awarded in 2003. Unit cost above excludes the Long-Term Armor Strategy (LTAS) A-Kit.

FY2007 SS/Option. Reflects sole source additional options to the current production contract. Unit cost above includes the LTAS A-Kit.

FY2008 SS/Option. Reflects options to a new, sole source contract to be awarded in 2007. Unit cost above includes the LTAS A-Kit.

FY2008 C-REQ. Reflects a competitive requirements contract. Unit cost above includes vehicle configuration changes that were ECPs on the prior contract and the LTAS A-Kit. Quantity is small to allow for ramp-up of a potential new producer.

Each unit cost above is a weighted average reflecting the model mix for that particular group of vehicles.

		F	Y 07 /	08 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM FAMILY				CAL VEI	H (FMT	V) (D15	500)		Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal '	Year 07											Fiscal Y	Year 08						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE								•	Calendaı	r Year 0	17								Cale	ndar Ye	ar 08				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Trı	icks				<u> </u>	1 -	'		-11	Б	K	K		11	L	G			<u> </u>		11	ь	K	K	1 -	-11	L	9		
1	FY 05	A	6196	3483	2713	224	249	211	233	167	123	184	217	242	285	127	35	53	216	147										0
1	FY 06	A	1922	0	1922	32	97	144	156	240	194	168	186	114	144	210	121	116												0
1	FY 06	A	529	0	529		A								2	60	178	158	39	92										0
1	FY 06	A	825	0	825						A												125	125	125	125	125	125	75	0
1	FY 06	ANG	2698	0	2698	39	33	28	10	124	176	157	146	197	113	147	114	121	133	103	132	152	119	119	139	119	114	163		0
1	FY 07	A	1800	0	1800		A											148	132	115	186	167	220	191	189	147	171	111	23	0
1	FY 07	A	2485	0	2485		A												179	209	277	284	176	186	219	214	218	246	277	0
1	FY 07	A	1503	0	1503						A											81	160	179	128	195	170	160	430	0
2	FY 08	A	2146	0	2146													A									10	10	10	2116
3	FY 08	A	716	0	716																					A				716
-	FY 09	A	3186	0	3186																									3186
-	FY 10	A	3563	0	3563																									3563
3	FY 11	A	3772	0	3772																									3772
_																														
To	al	1	31341	3483	27858	295	379	383	399	531	493	509	549	553	544	544	448	596	699	666	595	684	800	800	800	800	808	815	815	13353
10			515.1	3.03	27000	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	10000
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M							I	PRODU	CTION	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed M	FR			Pri	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct			icks only ΓΥs Trail			
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D-	+	1 Init	ial			0		6		9		15		07 5	788	3187	ici Q1 1	,	
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2	Stewa	rt Stever	nson, Sea	ly, TX				150	350	840	12	2	2 Init	ial			0		6		9		15		10 3	563	1601			
3	TBS,	ГВО						150	350	840	12	2	Rec	order			0		0		9		9		11 3		228 72			
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M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()9								Caler	ndar Ye	ar 10				
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1	FY 06	A	1922	1922																										0
1	FY 06	A	529	529																										0
1	FY 06	A	825	825																										0
1	FY 06 ANG 2698 2698																													0
1	FY 07	A	1800	1800																										0
1	FY 07	A	2485	2485																										0
1	FY 07	A	1503	1503																										0
2	FY 08	A	2146	30	2116	341	225	225	225	225	225	225	225	200																0
3	FY 08	A	716	0	716										30	30	31	31	78	78	78	72	72	72	72	72				0
3	FY 09	A	3186	0		A												265	265	265	265	265	265	265	265	265	267	267	267	0
_	FY 10	A	3563	0	3563													A											ļ!	3563
3	FY 11	A	3772	0	3772																									3772
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To	a1		31341	17988	13353	341	225	225	225	225	225	225	225	200	30	30	31	296	343	343	343	337	337	337	337	337	267	267	267	7335
10	aı		31341	17700	15555	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	7333
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3	TBS,	ГBD						150	350	840	12			order			0	-	0		9		9		12 3	816	72			
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	C	OST	ELEM	IENTS							Fiscal '	Year 11											Fiscal Y	Year 12						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE								1	Calenda	r Year 1	1								Caler	ıdar Ye	ar 12				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Trı	ıcks	I			1									1																
1	FY 05	A	6196	6196																										0
1	FY 06	A	1922	1922																										0
1	FY 06	A	529	529																										0
1	FY 06	A	825	825																										0
1	FY 06	ANG	2698	2698																										0
1	FY 07	² Y 07 A 2485 2485																												0
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						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	CTION	RATES						A	ADMIN I	EAD T	IME]	MFR		TOTA	AL	REMA					
F											Reac	hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct			ıcks only ΓΥs Trai		<i>l</i> 's	
R				ne - Locati				MIN	1-8-5	MAX	D		1 Init	ial			0		6		9		15		07 5		3187 1563			
1	_			5023), Seal	ly, TX			150	350	840	12			order			0		1		11		12		09 3		1206			
2	-		nson, Sea	ly, TX				150	350	840	12		2 Init				0		6		9		15		10 3: 11 3'		1601 228			
3	TBS,	ГВО						150	350	840	12			order			0	_	0		9		9		12 3	816	72			
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Exhibit P-40, Budget Item .	Justificatio	n Sheet						Date:	Fel	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactica		cles			P-1 Item No	menclature RETRUCKS & AS	SOCIATED FIRE	FIGHTING EQUI			
Program Elements for Code B Items:		Code:	Α (Other Related Pro	ogram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	174	25	4	14 55	57	17	28	28	28		456
Gross Cost	106.0	25.2	36	.2 36.0	34.1	6.9	10.9	11.0	11.1		277.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	106.0	25.2	36	.2 36.0	34.1	6.9	10.9	11.0	11.1		277.5
Initial Spares											
Total Proc Cost	106.0	25.2	36	.2 36.0	34.1	6.9	10.9	11.0	11.1		277.5
Flyaway U/C											
Weapon System Proc U/C	0.9	2.8	0	.8 1.0	1.0	0.4	0.4	0.4	0.4		8.1

This line is a roll-up of various Fire Trucks. These vehicles are used for fighting fires, and as a safety precautions at airfields and ammunition storage areas. In addition, these vehicles respond to forest fires, train and 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:

FY 2008/2009 procures 112 Firetrucks and associated Firefighting Equipment. FY 2008 17 Tactical, 15 Non-Tactical Fire Fighting Trucks, and 23 HEMTT-based Water Tenders (HEWATT) and in FY 2009 10 Tactical, 16 Non-Tactical Fire Fighting Trucks and 31 HEMTT-based Water Tenders. The Tactical and Non-Tactical Fire Fighting Trucks will replace unsafe/overaged vehicles currently unable to respond to fire calls as well as vehicles that are uneconomical to repair. The HEWATT will allow the engineering fire fighting detachments to be deployed with their full compliment of the fire fighting equipment.

FY 2007 total includes Title IX supplemental funding of \$6 million to procure an additional seven (7) Tactical Firefighting Trucks to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr			vehicles FIRET		menclature: : ASSOCIATED F (15800)	IREFIGHTING		Weapon Syster	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Firetruck, Non-Tactical (D15801)	Α	1677	3	559	5377	11	489	6916	15	461	691	4 17	407
2. Truck, Firefighting, Tactical (D15802	В	23482	25	939	30787	33	933	15979	17	940	932	4 10	932
3. HEMTT Based Water Tender (D15805)	C							13116	23	570	1790	0 31	577
Total:		25159			36164			36011			3413	8	

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		eles			P-1 Item No	omenclature RETRUCKS, NON	I-TACTICAL (D1	5801)			
Program Elements for Code B Items:		Code:	Α (Other Related Pro	ogram Element	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	84	3	1	.1 15	16	17	28	28	28		230
Gross Cost	29.9	1.7	5	.4 6.9	6.9	6.9	10.9	11.0	11.1		90.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	29.9	1.7	5	.4 6.9	6.9	6.9	10.9	11.0	11.1		90.8
Initial Spares											
Total Proc Cost	29.9	1.7	5	.4 6.9	6.9	6.9	10.9	11.0	11.1		90.8
Flyaway U/C											
Weapon System Proc U/C	0.4	0.6	0	.5 0.5	0.4	0.4	0.4	0.4	0.4		3.9

These vehicles are of standard commercial design with only slight modifications. Examples include Pumper Trucks, Structural Pumpers, Ladder Trucks, Hazardous Material (HAZMAT)/Rescue Trucks, Brush Tankers, Airfield Crash Trucks, and Multi-Purpose Firetrucks. These trucks are needed by all the Installation Management Command (IMCOM) Regions - Northeast, Southeast, West, Pacific, Korea, and Europe - as well as other Army Commands and reporting units. The Army's Fire Fighting Vehicles are essential to all military installations and to many local communities for preservation of life and property. Our Army fire vehicles not only respond to fires on installations and within local communities, but also to forest fires; aircraft, train, and automotive accidents; and hazardous material incidents.

Justification:

FY2008/2009 procures 31 Non-Tactical Firetrucks to replace overaged trucks and to fill existing shortages. Many overage vehicles are unsafe, unable to respond to fire calls, and uneconomical to repair. Total Army Acquisition Objective (AAO) for all Non-Tactical Fire Trucks is 831.

Item No. 6 Page 3 of 22

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ari					menclature: NON-TACTICAL	(D15801)		Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Ladder Truck	Α				2416	3	805	2029	3	676	136	0 2	68
Structural Pumper	Α				918	3	306	250	1	250	126	5 5	25
Airfield Crash Truck	Α	1677	3	559	1150	2	575	3700	7	529	382	1 7	54
Brush Pumper	Α				233	1	233	437	2	219	22	1 1	22
HAZMAT/Rescue Truck	Α				660	2	330	500	2	250	25	2 1	25
Total:		1677			5377			6916			691	4	İ

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item FIRETRUCK	Nomenclature: S, NON-TACTICAL (D15801)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFI Issu Dat
Ladder Truck										
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 07	Jan 08	3	805	No	NA	1
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Jan 09	3	676	No	NA	1
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Jan 10	2	680	No	NA	1
Structural Pumper										1
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 07	Sep 07	3	306	No	NA	1
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Sep 08	1	250	No	NA	1
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Sep 09	5	252	No	NA	1
Airfield Crash Truck										1
FY 2006	See Remarks	MIPR/FP	DLA, Philidelphia, PA	May 06	Feb 07	3	559	Yes	NA	1
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	Mar 07	Dec 07	2	575	No	NA	1
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Nov 08	7	529	No	NA	1
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Nov 09	7	546	No	NA	1
Brush Pumper										1
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	May 07	Nov 07	1	233	No	NA	1
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Aug 08	2	219	No	NA	1
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Aug 09	1	221	No	NA	1
HAZMAT/Rescue Truck										ĺ
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	Mar 07	Oct 07	2	330	No	NA	İ
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Sep 08	2	250	No	NA	ĺ
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Sep 09	1	252	No	NA	İ

REMARKS: Contractors for FY06 Airfield Crash Trucks were Emergency One Inc., located in Ocala, FL, and Oshkosh Truck Corporation, located in Oshkosh, WI.

The primary PCO is the Defense logistics Agency (DLA) located in Philadelphia. However, occasionally there are requirements that are procured overseas, such as Japan or Europe, or via the General Services Administration's multiple awards schedule.

		F	FY 06 /	07 BU	DGET	PRO	ODUC	CTIO	N SCI	HEDU	JLE				M NOMI LUCKS, N			L (D158	601)				Dat	e:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal	Year 06											Fiscal Y	ear 07						
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Lac	der Tru	ck																												
2	FY 07	A	3	0	3																	A								3
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Air	field Cra	ash Truc	k																											
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2	FY 08	A	2	0	2																									2
2	FY 09	A	1	0	1																									1
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H	AZMAT	Rescue	Truck	•			•	•					•														•	•		
2	FY 07	A	2	0	2																		A							2
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		F	Y 08 /	09 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE				M NOMI UCKS, I			L (D158	601)				Dat	te:	Februa	ry 2007				
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Lad	der Tru	ck																												
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		Pumper A 3 1 2 1 1 1																												
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Air	field Cra	ash Truc	k																											
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2	FY 07	A	2	0	2			1		1																				0
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2	FY 07	A	1	0	1		1																							0
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2	FY 09	A	1	0	1																	A						1		0
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H	AZMAT	Rescue	Truck	•		•								•																
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		F	FY 10 /	11 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE				M NOMI LUCKS, I			L (D158	801)				Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	5						Fiscal	Year 10)										Fiscal Y	Year 11						
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Lac	der Tru	ck																												
	FY 07	A	3	3																										0
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	FY 07	A	3	3																		0								
	FY 08	A	1	1																										0
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Air	field Cra	ash Truc	ck																											
	FY 06	A	3	3																										0
2	FY 07	A	2	2																										0
2	FY 08	A	7	7																										0
2	FY 09	A	7	0	7		3	3	1																					0
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2	FY 09	A	1	1																										0
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H	AZMAT	Rescue	Truck	1	I				1		1									-								_		
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N	I							PRODU	ICTION :	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA					
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Exhibit P-40, Budget Item .	Justificatio	n Sheet						Da		ebruary 2007	
Appropriation / Budget Activity / Serial Other Procurement, Army / 1 / Tactics		cles			P-1 Item No		TING, TACTICAI	L (D15802)			
Program Elements for Code B Items:		Code:	A	ther Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	90	25	3	3 17	10						175
Gross Cost	76.1	23.5	30.	8 16.0	9.3						155.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	76.1	23.5	30.	8 16.0	9.3						155.6
Initial Spares											
Total Proc Cost	76.1	23.5	30.	8 16.0	9.3						155.6
Flyaway U/C						_					
Weapon System Proc U/C	0.8	0.9	0.	9 0.9	0.9						4.6

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

Justification:

FY 2008/2009 procures 27 Tactical Fire Fighting Trucks for the Army Reserve Engineering and Ammunition Companies. The new TFFTs are needed to replace the old commercial fire trucks, which do not meet tactical fire fighting standards. The tactical firefighting mission requires trucks to have a significant off-road capability, which is obtained on the TFFT through the use of the combat-proven HEMTT chassis. The fire trucks currently fielded are unreliable, overage, and do not meet the National Fire Protection Agency Standards.

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	riation/Budget Ac Procurement, Arr	tivity/Seri ny / 1 / Ta	al No: ctical and support			menclature: GHTING, TACTI	CAL (D15802)		Weapon Syster	m Type:	Date:	February 2007
OPA1	ID		FY 06		'	FY 07			FY 08		•	FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle													
Tactical Firefighting Truck with FRET		17525	25	701	23954	33	726	12410	17	730	7350	10	735
SubTotal		17525			23954			12410			7350)	
2. ECPs		590			688			388			220)	
3. Testing		550			575			350			254	1	
4. System Fielding Support		970			1113			631			250)	
5. Documentation		450			480			250			100)	
6. Quality Assurance Support		448			550			250			200)	
7. PM Support		1000			1151			700			400)	
8. Engineering Support		500			550			300			200)	
10. Special Tools		500			646			250			150)	
11. Technical Manuals		459			530			200			100)	
12. New Equipment Training		490			550			250			100		
Total:		23482			30787			15979			9324		

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item TRUCK, FIRE	Nomenclature: EFIGHTING, TACTICAL (D	15802)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFI Issu Dat
Tactical Firefighting Truck with FRET										
FY 2006	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (1)	TACOM, Warren, MI	Nov 06	Aug 07	25	701	Yes	N/A	N/ .
FY 2007	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (1)	TACOM, Warren, MI	Dec 06	Sep 07	33	726	Yes	N/A	N/.
FY 2008	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (2)	TACOM, Warren, MI	Dec 07	Sep 08	17	730	Yes	N/A	N/
FY 2009	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (3)	TACOM, Warren, MI	Dec 08	Sep 09	10	735	Yes	N/A	N/

		F	Y 06 /	07 BU	DGET	PRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEI TRUCK	M NOME , FIREFI			TICAL (D15802)			Dat	e:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal '	Year 06											Fiscal Y	Zear 07	,					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	6								Cale	ndar Ye	ar 07				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Tac	tical Fir	efightin	g Truck v	vith FRET			ı		1	l l				ı									ı		ı	ı				1
1	FY 06	A	25	0	25		A									3	2	2	2	2	2	2	2	2	2	2	2			0
1	FY 07	A	33	0	33															A									3	30
1	FY 08	A	17	0	17																									17
1	FY 09	A	10	0	10																									10
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T-4	-1		85		85											3	2	2	2	2	2	2	2	2	2	2	2	$\vdash \vdash$	3	57
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M							I	PRODU	ICTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	A L	REMA	RKS				•
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1	Pierce	Manufa	acturing I	nc., Apple	ton, WI			2	5	10	12	2	Re	eorder			0		2		9		11							
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		F	Y 08 /	09 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN TRUCK,				TICAL (D15802)			Dat	te:	Februa	ary 2007				
	C	OST	ELEM	IENTS	;						Fiscal Y	ear 08											Fiscal Y	Year 09	ı					
				,																	•									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Cale	ndar Ye	ar 09				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Tac	tical Fir	efightin	g Truck v	vith FRET		l		l	I					1						ı				1						
1	FY 06	A	25	25																										0
1	FY 07	A	33	3	30	3	3	3	3	3	3	3	3	2	2	2														0
1	FY 08	A	17	0	17			A									2	2	2	2	2	1	1	1	1	1	1	1		0
1	FY 09	A	10	0	10															A									1	9
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Tot	al		85	28	57	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	9
						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							1	PRODU	ICTION :	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA		1.1			
F											Reach	ned MF	R			Pri	or 1 Oct	After	r 1 Oct	Af	ter 1 Oct		After 1	Oct	Pierce	Mtg. has minimiz	s a multi es the in	-product	comme	rical line ion break
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D+	1	Ini	tial			0		7		9		16		shown			-F		
1	Pierce	Manufa	cturing I	nc., Apple	ton, WI			2	5	10	12		Re	order			0		2		9		11							
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		F	Y 10 /	11 BU	JDGE'	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE				M NOME , FIREFI			ΓICAL (D15802))			Dat	te:	Februa	ary 2007				
	C	OST	ELEM	IENTS	5						Fiscal '	Year 10											Fiscal Y	Year 11						
		1	1	1	1																									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 1	.0								Cale	ndar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Tac	tical Fir	efightin	g Truck v	vith FRET																										
1	FY 06	A	25	25																										0
1	FY 07	A	33	33																										0
1	FY 08	A	17	17																										0
1	FY 09	A	10	1	9	1	1	1	. 1	1	1	1		1 1																0
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F											Reac	hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nam	ne - Locati	ion]	MIN	1-8-5	MAX	D-	+	1 Ini	tial			0		7		9		16							
1	Pierce	Manufa	ecturing I	nc., Apple	ton, WI			2	5	10	12	2	Re	order			0		2		9		11							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles			P-1 Item No		ATER TENDER (I	HEWATT) (D1580	5)		
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				23	31						54
Gross Cost				13.1	17.9						31.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				13.1	17.9						31.0
Initial Spares											
Total Proc Cost				13.1	17.9						31.0
Flyaway U/C											
Weapon System Proc U/C				0.6	0.6						1.1

The XM1158 HEMTT-based Water Tender (HEWATT) is a companion to and a variant of the M1142 Tactical Firefighting Truck (TFFT). The HEWATT supports the Army's requirement for a water tender capability for Table of Organization and Equipment (TOE) Army Engineer Firefighting detachments and Ordanace Ammunition Companies deployable worldwide to support combatant commanders, and within CONUS for Homeland Security and civilian firefighting support missions. The HEWATT is the replacement for the M916 6000 gallon tanker and will carry a 2,500 gallon polypropylene water tank, a Darley 500 gpm pump (hydraulic drive), a booster reel with capacity for 200 feet of 1.0 inch booster hose (electric rewind), 400 feet of 3.0 inch inlet and fill valving identical to the TFFT. Like the TFFT, the HEWATT is required to have HEMTT-like mobility, providing the soldier with an increase in cross country speed and mobility and providing greater throughput of water at the scene of a fire.

Justification:

FY 2008/2009 procures 54 HEMTT-based Water Tenders (HEWATT), to support five Army Reserve Engineer Fire Fighting Detachments and two National Guard Units in Nebraska, Texas, Kansas and Kentucky. This procurement will allow the engineering fire fighting detachments to be deployed with their full complement of fire fighting equipment.

HEWATT program funding was under BLIN 152 through FY 2007, but has been moved to BLIN 6 starting in FY 2008.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget A Procurement, A					menclature: WATER TENDI	ER (HEWATT) (D	15805)	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
HEMTT Based Water Tender								11109	23	483	15190	0 31	490
Sub Total								11109			1519	0	r
ECPs								307			450	6	ı
Government Testing								250			350	0	r
Documentation								200			200	0	ı
Engineering Support								230			300	0	ı
Quality Support								220			309	9	r
Special Tools								200			220	0	ı
System Fieldings								300			32:	5	ı
PM Support								300			550	0	1
Total:								13116			1790		1

Exhibit P-5a, Budget Procuremen	History and Planning							Oate: Sebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item HEMTT BAS	Nomenclature: ED WATER TENDER (HEW.	ATT) (D15805)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFI Issu Dat
HEMTT Based Water Tender										
FY 2008	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (2)	TACOM, Warren, MI	Jan 08	Nov 08	23	483	YES	N/A	N/A
FY 2009	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (3)	TACOM, Warren, MI	Jan 09	Nov 09	31	490	YES	N/A	N/.

		F	FY 08 /	09 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE				M NOME BASED			ER (HE	WATT)	(D1580	5)		Dat	e:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 08	1										Fiscal Y	ear 09						
		S	PROC	ACCEP	BAL				T					Calenda	ır Year 0	18								Caler	ndar Ye	ar 09				
M		Е	QTY	PRIOR	DUE		1		<u> </u>		1			1	1						_ 1		1		1					
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	Later
HE	MTT Ba	ased Wa	iter Tende	r																										
1	FY 08	A	23	0	23				A										2	2	2	2	2	2	2	2	2	2	2	1
1	FY 09	A	31	0	31					ı İ											A									31
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			1					+	+						+															
								1																						
Tot	al		54		54					1									2	2	2	2	2	2	2	2	2	2	2	32
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M								DD ODI	ICTION	D.A.TEEG	1						DMIN L	EADT	D.C.	1	MFR		TOTA		REMA	DVC				
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		F	Y 10 /	11 BU	DGE	T PR	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEM HEMTT				ER (HE	EWATT)	(D1580	5)		Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS]	Fiscal Y	ear 10											Fiscal Y	Year 11						
	ı	ı		ı	1				1												ı									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	0								Cale	ıdar Ye	ar 11				
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
HE	МТТ Ва	sed Wa	ter Tende	r				•			•								•			•		•		•			•	•
1	FY 08	A	23	22	1	1 1	1																							0
1	FY 09	A	31	0	31	1	3	3	3	3	3	3	3	3 2	2	2	2	2												0
To	tal	l	54	22	32	2 1	3	3	3	3	3	3	3	2	2	2	2	2												
-						0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
											1														1					
M								PRODU	JCTION :	RATES							DMIN I	_		-	MFR		TOTA		REMA	RKS				
F												ied MI	_			Pri	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct	:	After 1							
R				ne - Locati]	MIN	1-8-5	MAX	D+	1					0		6		10		16							
1	Pierce	Manufa	cturing I	nc., Apple	ton, WI			1	2	4			_	order			0		3		10		13		_					
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		eles			P-1 Item No FA	menclature MILY OF HEAVY	Y TACTICAL VEI	HICLES (FHTV) (DA0500)		
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	22243										22243
Gross Cost	5526.4	369.5	1011	.9 483.0	606.7	818.1	476.3	533.9	98.4		9924.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	5526.4	369.5	1011	.9 483.0	606.7	818.1	476.3	533.9	98.4		9924.3
Initial Spares	0.9										0.9
Total Proc Cost	5527.3	369.5	1011	.9 483.0	606.7	818.1	476.3	533.9	98.4		9925.2
Flyaway U/C											
Weapon System Proc U/C	0.1										0.1

The Family of Heavy Tactical Vehicles (FHTV) is used in line haul, local haul, unit resupply, and other missions throughout the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) and its companion trailers, flat racks (Container Roll-in/Out Platform (CROP)), Container Handling Units (CHU), and the Movement Tracking System (MTS), as well as the Heavy Expanded Mobility Tactical Truck (HEMTT). The FHTV line also includes the Forward Repair System (FRS), which is a mobile maintenance platform that mounts on a PLS or HEMTT.

Justification:

FY 08/09 funding procures PLS equipment, which includes PLS Trucks qty 325, Trailers qty 1992, CROP qty 3223, CHU qty 517, and MTS qty 6178; HEMTT Tankers qty 225, Wreckers qty 15, HEMTT M1120 Load Handling Systems (LHS) qty 1045; and FRS qty 579. The FY08/09 funding will fill requirements in support of Stryker Brigade Combat Team (SBCT), Modular Brigade Combat Teams (BCT), Patriot Units, Combat Engineers, Army Pre-positioned Stocks (APS), 82nd Airborne Division, Korea, and National Guard and Army Reserve Units.

FY06/07 totals include supplemental funding of \$142.1M and \$660.1M respectively, to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr				LY OF HE.	menclature: AVY TACTICAL	VEHICLES (FH	ΓV)	Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06		•	FY 07			FY 08	•	•	FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Family of Heavy Tactical Vehicles													
FHTV (DA0500)													
HEMTT, ALL BODY TYPES (D16204)													
Tanker, M978A2	A	35446	100	354	148862	434	343	35138	125	281	32402	100	324
Wrecker, M984A2	Α	34924	85	411	102792	240	428	4734	10	473	2258	5	452
LHS Cargo, M1120A2	Α	5334	18	296	82320	280	294	117289	370	317	198800	675	295
Cargo, M985A2													
Tractor, M983A2	Α	2520	10	252									
HETs Truck					87237	231	378						
HETs Trailer					63960	236	271						
Forward Repair System (D16400)													
Forward Repair System	Α	60321	181	333	79733	225	354	93359	284	329	113060	295	383
PALLETIZED LOAD SYSTEM (D16500)													
PLS Truck	Α	111118	273	407	165578	415	399	51521	125	412	74278	200	371
PLS Trailer	Α	82534	1423	58	129689	2573	50	81896	1412	58	33546	580	58
Cargo Bed (Flatrack)	Α	5550	555	10	38936	4320	9	18084	1650	11	22263	1573	14
Container Handling Unit	Α	4950	110	45	9978	254	39	7798	190	41	20446	327	63
Movement Tracking System (MTS)	Α	26815	993	27	102794	3671	28	73204	2524	29	109601	3654	30
Total:		369512			1011879			483023			606654	ı	

Exhibit P-40, Budget Item .	Justificatio	n Sheet						Date:	Fel	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		eles			P-1 Item No	menclature EUCK, CARGO, 57	7000 GVW, 8X8 (I	D16204)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	16491	213	11	85 505	780	1394	980	1080	165	685	23478
Gross Cost	1621.3	78.2	482	2.7 157.2	233.5	373.3	253.9	298.9	49.0	184.1	3732.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	1621.3	78.2	482	2.7 157.2	233.5	373.3	253.9	298.9	49.0	184.1	3732.0
Initial Spares											
Total Proc Cost	1621.3	78.2	482	2.7 157.2	233.5	373.3	253.9	298.9	49.0	184.1	3732.0
Flyaway U/C											
Weapon System Proc U/C	0.8										0.8

The Heavy Expanded Mobility Tactical Truck (HEMTT) is a 10-ton, 8-wheel drive truck in all body styles, including two cargo configurations, a wrecker, a tanker, load handling system (LHS) and a tractor. The HEMTT transports ammunition, petroleum, oils and lubricants and is used as the prime mover for certain missile systems. The HEMTT is C130-transportable and supports the Army's modularity objectives. The M1120A2 Load Handling System (LHS) is an essential Combat Service Support enabler in both the Stryker Brigade Combat Team (SBCT) and the Modular Brigade Combat Teams (BCT) for modular delivery of fuel, ammunition and other classes of supply in forward areas. The M977A2 series of vehicles are used for resupply of field artillery ammunition and forward area rearm in armor, cavalry, and infantry units. The M985A2 Cargo has a heavier suspension than the M977A2 and is used for direct rearming of the Multiple Launch Rocket System (MLRS) and transport of Patriot erectors/launchers. The M984A2 Wrecker is the recovery vehicle for other wheeled support and combat vehicle systems and is the only recovery vehicle in the SBCT. The M978A2 Tanker is a 2500-Gallon Fuel Transporter and is an essential Combat Service Support enabler in the SBCT and BCT. The M983A2 Light Equipment Transporter (LET) has a Fifth Wheel Vertical Loading capacity of 20 Tons and a Gross Vehicle Combined Weight (GVCW) of 62.5 Tons and is used for enhanced mobility of forward deployed engineering units.

Justification:

FY08/09 Procures qty 225 HEMTT M978 Tankers, qty 15 HEMTT M984 Wreckers, qty 1045 HEMTT M1120 Load Handling Systems (LHS). Procurements will fill SBCT activation, National Guard, Army Reserve, and Army Preposition Stock requirements and modularity conversion requirements.

FY06/07 totals include supplemental funding of \$0 and \$205.868M respectively, to support the global war on terrorism (GWOT).

Item No. 7 Page 3 of 28 81

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr					menclature: D, 57000 GVW, 82	X8 (D16204)		Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware - HEMTT All Body Types													
Tanker M978A2 W/O		25899	100	259	71423	269	266	31524	111	284	25742	88	293
Tanker M978A2 W/W					45295	165	275	4130	14	295	3648	12	304
Wrecker M984A2		28292	85	333	84832	240	353	3810	10	381	1960	5	392
LHS Cargo M1120A2		3950	18	219	61531	280	220	86950	370	235	163350	675	242
Tractor M983A2		2099	10	210									
HETs Truck					87237	231	378						
HETS Trailer					63960	236	271						
Subtotal		60240			414278			126414			194700		
2. Federal Retail Excise Tax		7229			42038			15170			18286	;	
3. Engineering Changes		1807			10684			4272			5705		
4. Government Testing		350			800			700			750		
5. Documentation		525			700			500			700		
6. Engineering Support Government		500			1125			750			825		
7. Quality Assurance Spt - Government		350			300			300			400		
8. Special Tools		200			770			550			600		
9. System Fielding Support		4095			7658			5405			7994		
10. Project Management Support		2928			4356			3100			3500		
Total:		78224			482709			157161			233460		

Exhibit P-5a, Budget Procu	rement History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and suppor	Weapon System Type:		Nomenclature: AGO, 57000 GVW, 8X8 (D16	204)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Tanker M978A2 W/O										
FY 2006	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY 6	TACOM, Warren, MI	Dec 05	Aug 06	100	259	YES	N/A	N/A
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	269	266	YES	N/A	N/A
FY 2008	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	111	284	YES	N/A	N/A
FY 2009	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	88	293	YES	N/A	N/A
Tanker M978A2 W/W										
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	165	275	YES	N/A	N/A
FY 2008	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	14	295	YES	N/A	N/A
FY 2009	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	12	304	YES	N/A	N/A
Wrecker M984A2										
FY 2006	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY 5	TACOM, Warren, MI	Dec 05	Aug 06	85	333	YES	N/A	N/A
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	240	353	YES	N/A	N/A
FY 2008	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	10	381	YES	N/A	N/A
FY 2009	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	5	392	YES	N/A	N/A
LHS Cargo M1120A2										
FY 2006	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY 5	TACOM, Warren, MI	Dec 05	Aug 06	18	219	YES	N/A	N/A
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	280	220	YES	N/A	N/A
FY 2008	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	370	235	YES	N/A	N/A
FY 2009	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	675	242	YES	N/A	N/A
Tractor M983A2				1						

DA0500 (D16204) TRUCK, CARGO, 57000 GVW, 8X8 Item No. 7 Page 5 of 28 83 Exhibit P-5a Budget Procurement History and Planning

Exhibit P-5a, Budget Procurement	: History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: 2GO, 57000 GVW, 8X8 (D1620	04)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2006	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY 5	TACOM, Warren, MI	Dec 05	Aug 06	10	210	YES	N/A	N/A
HETs Truck										
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Mar 07	Sep 07	231	378			
HETS Trailer										
FY 2007	TBS HETs Trailer	SS/FFP/Y1	TACOM, Warren, MI	Mar 07	Sep 07	236	271			

		FY 06	/ 07 B U	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE				M NOM			8X8 (D1	16204)				Dat	te:	Februa	ry 2007				
	COST	T ELEN	MENTS						1	Fiscal Y	Zear 00	5										Fiscal Y	Year 07						
M	S E		ACCEP PRIOR	BAL DUE									Calenda	ar Year ()6								Cale	ndar Ye	ar 07				
F F	Y R V		TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Tanker	M978A2	W/O	1				1		<u> </u>			1		I		l										1		I	
1 FY	06 A	100	0	100			A								9	9	9	9	8	8	8	8	8	8	8	8			0
1 FY	07 A	269	0	269																A								23	246
1 FY	08 A	111	0	111																									111
1 FY	FY 09 A 88 0 88 0 ker M978A2 W/W																												88
Tanker	M978A2	W/W																											
1 FY																				A								14	151
1 FY	08 A 14 0 14																												14
1 FY	Y 09 A 12 0 12																												12
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	xer M984A2 Y 06 A 85 0 85 A														8	7	7	7	7	7	7	7	7	7	7	7			0
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1 FY		5	0	5																									5
	rgo M112			- 40			ı .	1				1	1	1				_									1	I	
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1 FY	07 A	280	0	280	0	N	D	J	F	M		M	J	J	4	S	0	N	D	A J	F	M	Α.	M	J	ī		24 S	256
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M							PRODU	ICTION I	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA					
F										Reacl	hed M	IFR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct					production	on rate ernment
R		Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D+	-	1 In	itial			0		2		8		10		and co	mmercia	l produc	ction on	contracto	or's
1 Os	hkosh Tru	uck Corp, (Oshkosh, V	VI			1	484	616	12		Re	eorder			0		3		8		11						rate (61 ng second	6/month) I shift
2 TI	S, HETs	Trailer					1	8	25	12		2 In	itial			0		5		6		11		dedicat	ted to go	vernmei	nt produ	ction.	
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HETS Tra																													
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M							PRODU	CTION	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA					
F										Reac	hed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct		Governm				on rate ernment
R		Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+]	1 In	itial			0		2		8		10		and cor	mmercia	l produc	tion on o	contract	or's
1 Oshl	osh Tru	ck Corp, C	Shkosh, V	VI			1	484	616	12	2	R	eorder			0		3		8		11			ted prod s contrac				6/month) d shift
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1 I	Y 07	A	269	23	246	23	23	23	23	22	22	22	. 2	2 22	22	22														0
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M							I	PRODU	CTION I	RATES						A	DMIN I	EAD T	IME		MFR		TOT	AL	REMA					
F											Reac	hed M	IFR			Pri	or 1 Oct	After	1 Oct	Aft	er 1 Oct		After 1	Oct					production of gover	
R			Nam	ne - Locati	on		N	⁄IIN	1-8-5	MAX	D-	+	1 In	itial			0		2		8		10	1	and co	mmerica	l produc	tion on	contracto	or's
1	Oshko	sh Trucl	k Corp, O	shkosh, V	VI			1	484	616	12	2	Re	eorder			0		3		8		11						k rate (61 ig second	16/month)
2	TBS, F	IETs Tr	ailer					1	8	25	12	:	2 In	itial			0		5		6		11			ted to go				
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F F R Clase 10ct 1	М													Calendaı	Year 0	8								Cale	ndar Ye	ar 09				
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Name - Location MIN 1-8-5 MAX D+ 1 Initial D Shkosh Truck Corp, Oshkosh, WI 1 484 616 12 Meorder Reorder D 3 8 11 Mitial D Skorder D Sko							О	E C			A	P	A			U	E		О			E B	A	P	A			U		
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R Name - Location MIN 1-8-5 MAX D+ 1 Initial 0 2 8 10 and commercial production on contractor's interest contractor capacity using second shift dedicated to government production. Name - Location MIN 1-8-5 MAX D+ 1	M]	PRODU	CTION	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL						1
R	F										Reac	hed MF	R			Prio	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
Sinkosi Huke Corp, Osinkosi, W1	R		Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D-	1	Init	ial			0		2		8		10		and cor	mmerica	l produc	tion on c	ontracto	or's
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(COST	ELEN	IENTS]	Fiscal Y	ear 10											Fiscal '	Year 11						
M	S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	10								Cale	ndar Ye	ar 11				
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M]	PRODU	CTION	RATES						A	DMIN I	EAD T	IME		MFR		TOT	AL	REMA					
F										Reach	ed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct				Q 1-8-5 p		on rate ernment
R		Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D+	1	l Ini	tial			0		2		8		10)	and co	mmercia	al produc	ction on	contract	or's
1 Osh	kosh Truc	k Corp, C	shkosh, W	VI			1	484	616	12		Re	order			0		3		8		11					ine. Max icity usin		6/month)
2 TBS	, HETs T	railer					1	8	25	12		2 Ini	tial			0		5		6		11		dedica	ted to go	overnme	nt produc	ction.	
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									Re	order																			

]	FY 10 /	11 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	JLE				M NOME , CARGO			8X8 (D1	16204)				Dat	e:	Februa	ry 2007				
(COST	ELEN	1ENTS	}						Fiscal '	Year 10	•										Fiscal Y	ear 11						
M	S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	0	I							Cale	ndar Ye	ar 11				-
F FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1 FY 08	3 A	370	370		1				ь	K	K			L	-	1	•	•		-11	Б	- K	K	•			0	-	0
1 FY 09	-	675	57	618	57	57	56	56	56	56	56	56	5 56	56	56														0
Tractor M	983A2	1	1	ı		1					ı											1			l	l	l		
1 FY 06	i A	10	10																										0
HETs Tru	ck									u																			•
1 FY 07	' A	231	231 231																										0
HETS Tra	iler																												
2 FY 07	' A	236	236																										0
-																													
-																													
-																													
'																													
Total		2919	2000	919	67	67	66	65	64	64	64	64	64	64	64														206
					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						1	PRODU	CTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA					
F										Reac	hed MI	₹R			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct				Q 1-8-5 p		on rate ernment
R		Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D	⊦ 1	Ini	tial			0		2		8		10		and cor	mmercia	l produc	tion on o	contract	or's
1 Oshl	osh Tru	ck Corp, C	Shkosh, V	VI			1	484	616	12	2	Re	order			0		3		8		11					ne. Max city usin		6/month) d shift
2 TBS	, НЕТѕ Т	railer					1	8	25	12	2	Ini	tial			0		5		6		11					nt produc		
												Re	order			0		3		8		11							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		eles			P-1 Item No	menclature RWARD REPAIR	SYSTEM (FRS)	(D16400)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	321	181	22	25 284	312	297	25				1645
Gross Cost	304.7	60.3	82	.2 93.4	113.1	110.6	9.5				773.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	304.7	60.3	82	93.4	113.1	110.6	9.5				773.7
Initial Spares											
Total Proc Cost	304.7	60.3	82	93.4	113.1	110.6	9.5				773.7
Flyaway U/C											
Weapon System Proc U/C			_								

The Forward Repair System (FRS) is a high-mobility, forward maintenance system that reduces Repair Cycle Time. The FRS places tools, diagnostic test equipment, and heavy lift capability in one package to provide key maintenance support in the forward battle area through the brigade support battalion, field support company or maintenance field company. The FRS is configured with a 5.5 ton lift capacity with a 14 ft. (4.3M) radius crane capable of removing and replacing major components, including full up powerpacks (FUPPS) on all models of military vehicles. The crane traverses, extends, and has the necessary reach and hook height to remove/replace a powerpack from a combat vehicle. An integrated 35 KW generator is the source of electrical power for onboard systems and provides hydraulic power to the crane. Additionally, the FRS has its own air source for air tools and inflatable lifting devices. It has limited spot welding and cutting capabilities, a tailored set of industrial quantity hand and power tools, and its own on-board power source. The power source provides power sufficient to operate the crane, welding equipment, power tools, and the on-board electrical system. The FRS provides storage space for the Maintenance Support Device (MSD), General Mechanics Tool Kits (GMTKs), Battle Damage Assessment and Repair (BDAR) kits, combat spares, and other supporting equipment. The FRS will free the M88 recovery vehicle from its present captive role as a repair vehicle, which means increased availability of M88 recovery vehicles for recovery missions. The FRS meets the maneuver commander's need for a repair system that is responsive, effective, and reduces the number of systems requiring evacuation.

Justification:

FY 2008 / 2009 procures 596 FRS modules. The FRS uniquely fills the existing need for a forward, mobile maintenance/repair system, capable of returning disabled heavy force systems back to operational conditions. FRS, with the Palletized Load System (PLS) level of mobility, allows the forces to reach most disabled system locations to replace parts forward, thus minimizing any additional maintenance vehicle/personnel support. The FRS equally supports expeditionary and modularity requirements, and is a "must have" enabler for both the digitized division and BCTs/Future Combat Systems' Complementary System. FRS is intended to augment lift and maintenance capabilities at all the Forward Operation Bases; thereby, increasing combat power and decreasing soldier vulnerability within the theater of operation. The fielding of the FRS to Heavy and Light Brigade Combat Teams (BCTs), Stryker Brigade Combat Teams (SBCTs), and Aviation/Fires/Maneuver Enhancement/Reconnaissance, Surveillance, and Target Acquisition Brigades supports the modular conversion of the Army Active Component and National Guard.

FY 2006 / 2007 totals include supplemental funding of \$39.800 Million and \$20.635 Million respectively, to support the Global War on Terrorism (GWOT)

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Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ar			vehicles P-1 Lin		menclature: AIR SYSTEM (F	RS) (D16400)		Weapon Syster	m Type:	Date:	February 2007
OPA1	ID		FY 06		•	FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Forward Repair System	A	56110	181	310	71550	225	318	88608	284	312	9941	5 312	318
2. ECPs		155			66			75			10	5	
4. System Fielding Support		641			2600			994			324	7	
5. Authorized Stockage Level,		455			1425			227			178	0	
Direct Support/General Support													
6. Documentation		370			580			346			629	0	
7. Engineering Support		228			195			191			29	5	
8. Quality Assurance Support		187			275			180			29	5	
9. Program Management Support		1829			3560			1687			471	2	
10. Transportation		346			1944			1051			259	1	
Total:		60321			82195			93359			11306	0	

Exhibit P-5a, Budget Procurement	t History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: REPAIR SYSTEM (FRS) (D16	400)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFF Issue Date
1. Forward Repair System										
FY 2006	Rock Island Arsenal Rock Island, IL	SS/FFP	PM SKOT, Rock Island IL	Mar 06	Oct 06	181	310	Yes		
FY 2007	Rock Island Arsenal Rock Island, IL	SS/FFP	PM SKOT, Rock Island IL	Dec 06	Jul 07	225	318	Yes		
FY 2008	Rock Island Arsenal Rock Island, IL	SS/FFP	PM SKOT, Rock Island IL	Dec 07	Jul 08	284	312	Yes		
FY 2009	Rock Island Arsenal Rock Island, IL	SS/FFP	PM SKOT, Rock Island IL	Dec 08	Jul 09	312	318	Yes		

		F	FY 06 /	07 BU	DGET	PRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE FORWA	M NOME RD REP			FRS) (D	016400)				Date	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal Y	Zear 00	6										Fiscal Y	ear 07						
		T	1	1	ı				1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	6								Caler	ıdar Ye	ar 07				
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	Later
		D .	G :			T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
	Forward FY 06	1	System 181	0	181				I		Α		1					20	20	20	20	20	20	20	20	21				0
_	FY 07	A A	225	0							A		-					20	20	A	20	20	20	20	20	21	19	19	19	168
_	FY 08	A	284	0									-	-						A							19	19	19	284
	FY 09		312	0									-																	312
1	FY 09	A	312	0	312									+																312
.			-										-	-																
			1																											
													1																	
Tot	al		1002		1002								1					20	20	20	20	20	20	20	20	21	19	19	19	764
			I	1		O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	
						Ť	v	Č	N	B	R	R	Y	N	Ĺ	Ğ	P	Ť	V	Č	N	В	R	R	Y	N	Ĺ	Ğ	P	
M								PRODU	ICTION :	RATES						Α	DMIN I	EAD T	IME]	MFR		TOTA	AL	REMA					
F											Reacl	hed M	IFR			Prie	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct	Produc	tion Kat e to "Ma	es are mo	onthly. with cur	Negotia rent pro	ting ducer.
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D+	-	1 In	nitial			3		3		7		10						F	
1	Rock 1	sland A	rsenal, R	ock Island	l, IL			1	10	30	12		R	eorder			2		2		7		9							
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		F	FY 08 /	'09 BU	DGET	PRO	DDUC	TIO	N SCI	HEDU	LE			P-1 ITEN FORWA				FRS) (E	16400)				Dat	e:	Februar	y 2007				
	C	OST	ELEN	IENTS							Fiscal Y	ear 08											Fiscal Y	Zear 09						
		1	1						1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Cale	ıdar Yea	ır 09				
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1.	Forward	Repair	System								I																			I
1	FY 06	A	181	181																										0
1	FY 07	A	225	57	168	19	19	19	19	19	19	19	1	9 16																0
1	FY 08	A	284	0	284			A							23	23	23	23	24	24	24	24	24	24	24	24				0
1	FY 09	A	312	0	312															A							26	26	26	234
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								\vdash																						
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								<u> </u>																						
			1002	220	764	10	10	10	10	10	10	10	10	1.6	22	22	22	22	24	24	24	24	24	24	24	24	26	26	26	224
Tot	al		1002	238	764	19	19	19	19	19	19	19	19	16	23	23	23	23	24	24	24	24	24	24	24	24	26	26	26	234
						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	
	ı										1					1				1					•					
M							I	PRODU	CTION 1	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA			41 1	т.	
F											Reach	ed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct	Produc			onthly with cur		
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D+		l In	itial			3		3		7		10							
1	Rock	Island A	rsenal, R	ock Island	, IL			1	10	30	12		Re	order			2		2		7		9							
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		F	Y 10 /	' 11 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN				EDG) (D	1.5400				Dat	te:		2007				
														FORWA	KD KEP	AIR SY	SIEM (FKS) (L)16400)							ry 2007				1
	C	OST 1	ELEM	IENTS	,						Fiscal Y	ear 10											Fiscal Y	Year 11						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	0								Cale	ndar Ye	ar 11				
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E C	J A	F E	M A	A P	M A	J U	J U	A U	S E	Later
				1 001	1 001	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	Luter
	Forward	T -	1	· · · · · · · · · · · · · · · · · · ·	1				I I	-			1	1			I I		1 1							1			1	
	FY 06	A	181	181																										0
_	FY 07	A	225	225																										0
_	FY 08	A	284	284																										0
1	FY 09	A	312	78	234	26	26	26	26	26	26	26	26	26																0
Т-4	-1		1002	768	234	26	26	26	26	26	26	26	26	26																
Tot	aı		1002	708	234	O O	N N	D D	J	F	M	A	20 M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	CTION I	RATES						Δ	DMIN I	FADT	TMF		MFR		TOTA	AT.	REMA	RKS				
F											Reac	ned M	FR				or 1 Oct		r 1 Oct	4	er 1 Oct		After 1							
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D-		_	ial			3		3		7		10							
1	+	sland A		ock Island				1	10	30	12			order			2	+	2		7		9							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fel	oruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		eles			P-1 Item No	menclature UCK, PALLETIZ	ED LOAD SYSTE	M (PLS), 10X10 (D16500)		
Program Elements for Code B Items:		Code:	Α (Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	3739	273	4	15 125	200	450	23	314		245	5784
Gross Cost	1690.7	231.0	447	.0 232.5	260.1	334.3	212.8	235.0	49.5	17.2	3710.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	1690.7	231.0	447	.0 232.5	260.1	334.3	212.8	235.0	49.5	17.2	3710.0
Initial Spares											
Total Proc Cost	1690.7	231.0	447	.0 232.5	260.1	334.3	212.8	235.0	49.5	17.2	3710.0
Flyaway U/C											
Weapon System Proc U/C	1.2	•									1.2

The Palletized Load System (PLS) consists of a 16.5-ton payload prime mover (10x10) with an integral load-handling system, which provides self-loading and unloading capability, a 16.5- ton payload trailer, and demountable cargo beds, or flatracks. The Container Handling Unit (CHU) is being fielded to transportation and ammunition units and to forward support battalions, providing the capability to pick up and transport 20-foot International Standards Organization (ISO) containers without the use of a flatrack. The Movement Tracking System (MTS) program provides a multitude of tactical wheeled vehicles (PLS, Heavy Expanded Mobility Tactical Truck, Family of Medium Tactical Vehicles, etc.) with Global Positioning System (GPS) capability and two-way digital messaging. The PLS Truck performs line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units and is equipped with a Central Tire Inflation System (CTIS) which significantly improves off-road mobility. Current flatrack funding buys the Container Roll-in/out Platform (CROP), an A-frame type flatrack, which fits inside a 20-foot ISO inter-modal container. The PLS Trailer, CROP, CHU, and MTS are key enablers for both the Stryker Brigade Combat Team (SBCT) and modular force structure.

Justification:

FY 08/09 procures 325 PLS trucks, 1992 PLS Trailers, 3223 CROPs, and 517 CHUs to support Modularity and Engineering Mission Module (EMM) fieldings, SBCT activations, National Guard, Army Reserve, and Army Preposition Stock requirements. MTS procurements of 6178 mobile units support the SBCT and modular force structure.

FY06/07 totals include supplemental funding of \$102.4M and \$261.782M respectively, to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr				K, PALLE	menclature: TIZED LOAD SY	STEM (PLS), 102	X10	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06		•	FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware													
PLS Truck		90239	273	331	136457	415	329	43783	125	350	72100	200	361
PLS Trailer		72772	1423	51	129689	2573	50	76272	1412	54	32480	580	56
Cargo Bed, Demountable		4887	555	9	38936	4320	9	16500	1650	10	15372	1573	10
PLS Container Handling Unit		4449	110	40	9978	254	39	7600	190	40	13422	327	41
Movement Tracking System		26815	993	27	102794	3671	28	73204	2524	29	109601	3654	30
Subtotal		199162			417854			217359			242975		
2. Engineering Changes		5170			5902			4594			4359		
3. Government Testing - ATC/YPG		875			1175			775			700		
4. Documentation		9500			750			500			500		
5. Engineering Support - Government		1545			1800			675			600		
6. Quality Assurance Supt- Government		976			1414			500			500		
7. Special Tools		775			1000			500			500		
8. System Fielding Support		9414			13340			3875			6200		
9. PM Support		3550			3740			3725			3800		
Total:		230967			446975			232503			260134		

Exhibit P-5a, Budget Pro	curement History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and sup	pport vehicles Weapon System Type:		Nomenclature: LETIZED LOAD SYSTEM ((PLS), 10X10 (E	016500)		1			
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
PLS Truck										
FY 2006	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY 6	TACOM, Warren, MI	Dec 05	Aug 06	273	331	Yes	N/A	N/A
FY 2007	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	415	329	Yes	N/A	N/A
FY 2008	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	125	350	Yes	N/A	N/A
FY 2009	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	200	361	Yes	N/A	N/A
PLS Trailer										
FY 2006	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/REQ/PY	TACOM, Warren, MI	Dec 05	Aug 06	1423	51	Yes	N/A	N/A
FY 2007	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	2573	50	Yes	N/A	N/A
FY 2008	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	1412	54	Yes	N/A	N/A
FY 2009	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	580	56	Yes	N/A	N/A
Cargo Bed, Demountable										
FY 2006	Summa Technology Inc. Huntsville, AL	C/REQ/PY 1	TACOM, Warren, MI	Dec 05	Jun 06	555	9	Yes	N/A	N/A
FY 2007	Summa Technology Inc. Huntsville, AL	C/REQ/PY 2	TACOM, Warren, MI	Nov 06	Jul 07	4320	9	Yes	N/A	N/A
FY 2008	Summa Technology Inc. Huntsville, AL	C/REQ/P3	TACOM, Warren, MI	Nov 07	Jul 08	1650	10	Yes	N/A	N/A
FY 2009	Summa Technology Inc. Huntsville, AL	C/REQ/P4	TACOM, Warren, MI	Nov 08	Jul 09	1573	10	Yes	N/A	N/A
PLS Container Handling Unit										
FY 2006	OTC Kewaunee Fabrication Kewaunee, WI	SS/REQ/PY 1	TACOM, Warren, MI	Mar 06	Sep 06	110	40	Yes	N/A	N/A
FY 2007	TBS - CHU TBD	C/REQ/P1	TACOM, Warren, MI	Apr 07	Oct 07	254	39	Yes	N/A	N/A
FY 2008	TBS - CHU TBD	C/REQ/P2	TACOM, Warren, MI	Apr 08	Oct 08	190	40	Yes	N/A	N/A
FY 2009	TBS - CHU	C/REQ/P3	TACOM, Warren, MI	Apr 09	Oct 09	327	41	Yes	N/A	N/A

DA0500 (D16500) TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 Item No. 7 Page 21 of 28

Exhibit P-5a Budget Procurement History and Planning

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: LETIZED LOAD SYSTEM (F	PLS), 10X10 (D	16500)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
	TBD									
Movement Tracking System										
FY 2006	Comtech Mobile Datacom Corp Germantown, MD	C/REQ/PY 7	CECOM, Washington, DC	Jul 06	Jan 07	993	27	Yes	N/A	N/A
FY 2007	TBS -MTS BD	C/REQ/PY 1	CECOM, Washington, DC	Jul 07	Jan 08	3671	28	Yes	N/A	N/A
FY 2008	TBS -MTS BD	C/REQ/P2	CECOM, Washington, DC	Jul 08	Jan 09	2524	29	Yes	N/A	N/A
FY 2009	TBS -MTS BD	C/REQ/P3	CECOM, Washington, DC	Jul 09	Jan 10	3654	30	Yes	N/A	N/A

REMARKS: A new contract for the Container Handling Units (CHU) is in negotations for a limited competitive contract with award scheduled for Mar 07.

	FY 06 / 07 BUDGET PRODUCTION SCHEDULE P-1																													
		F	Y 06	/ 07 BU	JDGET	r PR(ODUC	CTIO	N SCI	HEDU	LE				M NOME , PALLE			SYSTEM	И (PLS),	10X10 (D16500)	Dat	te:	Februa	ry 2007				
	CC	OST 1	ELEN	MENTS	5]	Fiscal Ye	ar 06											Fiscal Y	Year 07						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 0)6								Caler	dar Ye	ar 07				
h	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A	F E B	M A R	A P	M A Y	J U N	J U	A U G	S E P	O C T	N O V	D E C	J A	F E B	M A R	A P R	M A Y	J U	J U	A U G	S E P	Later
PLS T	Fruck					1	V	C	N	Б	K	R	1	IN	L	G	r	1	v	C	N	Б	K	K	1	N	L	ď	r	
—	Y 06	A	273		273			A								23	23	23	23	23	23	23	23	23	22	22	22			0
-	Y 07	A	415		415																A								35	380
1 F	Y 08	A	125		125																									125
1 F	Y 09	A	200	0	200																									200
PLS 7	PLS Trailer													ı		l													l	
4 F	4 FY 06 A 1423 0 1423 A															119	119	119	119	119	119	119	118	118	118	118	118			0
4 F	4 FY 06 A 1423 0 1423 A 4 FY 07 A 2573 0 2573																				A								215	2358
4 F	Y 08	A	1412		1412																									1412
4 F	Y 09	A	580	0	580																									580
Cargo	Bed,	Demou	ntable																											
3 F	Y 06	A	555	C	555			A						47	47	47	46	46	46	46	46	46	46	46	46					0
3 F	Y 07	A	4320	0	4320														A								360	360	360	3240
3 F	Y 08	A	1650	0	1650																									1650
3 F	FY 09 A 1573 0 1573																										1573			
	PLS Container Handling Unit												1		1	1						1			1					
2 F	Y 06	A	110	C	110						A						10	10	9	9	9	9	9	9	9	9	9	9		0
						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]	PRODU	CTION	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA					
F											Reache	d MF	₹R			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct			ent EOC			
R			Nan	ne - Locat	ion		N	MIN	1-8-5	MAX	D+	1	Ini	tial			0		2		8		10	1	and cor	mmercia	l produc	tion on o	contracto	or's
1 (Oshkos	h Truck	Corp (PLS), Osh	nkosh, WI			1	484	616	12		Re	order			0		4		7		11				uction li tor capa			6/month) l shift
2 (Ini	tial			0		2		8		10				vernmen						
3 5										Re	order			0		4		7		11										
4 Oshkosh Truck Corp (PLST), Oshkosh, WI 5 Comtech Mobile Datacom Corp, Germantown, MD								1	44	220	12	3	Ini	tial			0		2		6		8							
-				com Corp,	Germanto	wn, ME)	10	150	330	12		Re	order			0		4		6		10							
-		CHU, T						1	15	40	12	4	Ini	tial			0		2		8	\perp	10							
7	ΓBS -N	ITS, BI	D					10	150	330	12		_	order			0		4		7	\perp	11							
	5														0	_	3		6		9									
	Re										order			0		3		6		9										

		F	Y 06 /	07 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE				M NOME , PALLE			YSTEM	И (PLS),	10X10 (D16500)	Date	e:	Februa	ry 2007				
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		1		1					1												1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 0	6								Caler	ıdar Ye	ar 07				
F	FY	R	Units	ТО	AS OF	0	N	D	J	F	M	A	M		J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	1
R		V		1 OCT	1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	Later
6	FY 07	A	254	0	254																			A						254
6	FY 08	A	190	0	190																									190
6	FY 09	A	327	0	327																									327
Mov	ement '	Fracking	g System																								•			
5	FY 06	A	993	0	993										A						83	83	83	83	83	83	83	83	83	246
7	FY 07	A	3671	0	3671																						A			3671
7	FY 08	A	2524	0	2524																									2524
7	FY 09	A	3654	0	3654																									3654
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						C	О	E	A	E	A	P	A	U	U	U	E	C	О	E	A	E	A	P	A	U	Ü	U	E	
						T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
M							1	PRODI	CTION	RATES						Δ	DMIN I	FADT	TME		MFR		TOTA	AT.	REMA	RKS				
F							<u> </u>	RODE	CHOIL	I	Reac	hed M	FR				or 1 Oct		r 1 Oct	1	er 1 Oct		After 1		Note: C	Governm				
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				c., Huntsv		•		5	160	360	12		-	Reorder			0	-	4		7		11		ucuicai	cu to go	vermine	n produc	tion.	
4				PLST), Osl		1	_	1	44	220	12			nitial		+	0		2		6		8		1					
				om Corp,			,	10	150	330	12		-	Reorder			0		4		6		10		1					
6		CHU, T		от согр,	Scrinaito	, ,, 11, 141L		1	150	40	12			nitial			0		2		8		10		1					
		MTS. B						10	150	330	12		-	Reorder			0		4		7		11		1					
,	1-841	1113, D	D					10	130	330	12		-	nitial		+	0	_	3		6		9		1					
											-		-	nitiai Peorder			0	-	3		6		9		1					

	FY 08 / 09 BUDGET PRODUCTION SCHEDULE P-1																												
]	FY 08	/ 09 BU	DGET	PRC	DUC	TION	N SCF	HEDU	LE			P-1 ITEN TRUCK,				YSTEN	И (PLS),	10X10 (D16500)	Dat	e:	Februa	ry 2007				
	COST	ELEN	MENTS	}						Fiscal Y	ear 08											Fiscal Y	Zear 09						
М	S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	08	ļ							Caler	ndar Yea	ar 09				
F F		Units		AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	Later
PLS Tru	1-				T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
1 FY		273	3 273																										0
1 FY		415			35	35	35	35	35	35	34	34	1 34	34	34														0
1 FY		125			33	33	33	A	33	33	34		. 51	54	34	11	11	11	11	11	10	10	10	10	10	10	10	$\overline{}$	0
1 FY		200		200																A								17	183
	PLS Trailer																												
4 FY	4 FY 06 A 1423 1423																												0
4 FY	4 FY 07 A 2573 215 2358 215 215 215 214 214 214												1 214	214	214														0
4 FY	08 A	1412	2 0	1412				A								118	118	118	118	118	118	118	118	117	117	117	117		0
4 FY	09 A	580	0	580																Α								85	495
Cargo E	ed, Demo	ountable																											
3 FY	06 A	555	5 555																									l	0
3 FY	07 A	4320	1080	3240	360	360	360	360	360	360	360	360	360																0
3 FY	08 A	1650	0	1650		A								138	138	138	138	138	138	137	137	137	137	137	137				0
3 FY	09 A	1573	3 0	1573														A								131	131	131	1180
PLS Container Handling Unit												1	1										1						
2 FY	06 A	110	110																									 	0
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M						F	RODU	CTION I	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA					
F										Reach	ed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct					oroduction of gove	
R		Nar	me - Locati	on		N	4IN	1-8-5	MAX	D+		1 Ini	tial			0		2		8		10		and cor	nmercia	l produc	tion on o	contracto	r's
1 Os	hkosh Tru	ck Corp ((PLS), Osh	kosh, WI			1	484	616	12		Re	order			0		4		7		11						rate (610 g second	5/month) l shift
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3 Summa Technology Inc., Huntsville, AL 5 160 360 12 4 Oshkosh Truck Corp (PLST), Oshkosh, WI 1 44 220 12												order			0		4		7		11								
			1	44	220	12		3 Ini				0		2		6		8		1									
			com Corp,	Germanto	wn, MD		10	150	330	12			order			0		4		6		10		1					
	S - CHU,						1	15	40	12		4 Ini				0		2		8		10							
7 TB	S -MTS, I	BD					10	150	330	12			order			0	-	4		7		11		-					
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												Re	order			0		3		6		9							

		F	Y 08 /	09 BU	DGET	r PRC	DUC	TIO	N SCI	IED U	LE			P-1 ITEM TRUCK,				YSTEM	I (PLS),	10X10 (D16500)	Dat	e:	Februa	ry 2007				
	CO	OST I	ELEN	IENTS	,						Fiscal Y	ear 08											Fiscal Y	ear 09						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE			ļ						Calendar	Year 0	8								Caler	dar Ye	ar 09				
F	FY	R	Units	ТО	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	1
R		V		1 OCT	1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	Later
6 F	Y 07	A	254	0	254	22	22	21	21	21	21	21	2	21	21	21	21													0
6 F	Y 08	A	190	0	190							A						16	16	16	16	16	16	16	16	16	16	15	15	0
6 F	Y 09	A	327	0	327																			A						327
Mov	ement 7	Fracking	g System																											
5 F	Y 06	A	993	747	246	82	82	82																						0
7 F	Y 07	A	3671	0	3671				306	306	306	306	306	306	306	306	306	306	306	305										0
7 F	Y 08	A	2524	0	2524										A						211	211	211	211	210	210	210	210	210	630
7 F	Y 09	A	3654	0	3654																						A			3654
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Total			26822	4438	22384	714	714	713	937	936	936	935	935	935	713	713	594	589	589	588	493	492	492	492	490	490	484	483	458	6469
Total			20022	1.50	2230.	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	Ι	A	S	0.05
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
						1	V	C	N	В	K	K	ĭ	N	L	G	P	1	V	C	N	В	K	K	Y	IN	L	G	P	
M							I	PRODU	CTION I	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				
F											Reac	hed MI	7R			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct		overnm				
R			Nan	e - Locati	on		N	MIN	1-8-5	MAX	D-	- 1	Ini	tial			0		2		8		10			ontn) ac nmercial				ernment or's
1	Oshkos	sh Trucl	k Corp (J	PLS), Osh	kosh, WI			1	484	616	12		Re	order			0		4		7		11		integra	ted produ	uction li	ne. Max	rate (61	6/month)
2	ОТС К	ewaune	ee Fabrica	ation, Kev	vaunee, W	7I		1	15	40	12	. 2	Ini	tial			0		2		8		10			contracted to go				d shift
3	Summa	a Techn	ology Inc	., Huntsvi	ille, AL			5	160	360	12		Re	order			0		4		7		11					•		
4	Oshkos	sh Trucl	k Corp (P	LST), Osl	hkosh, W	ſ		1	44	220	12	. 3	Ini	tial			0		2		6		8							
_				om Corp,)	10	150	330	12		Re	order			0		4		6		10							
6	TBS - 0	CHU, T	BD					1	15	40	12	4	Ini	tial			0		2		8		10							
7	TBS -N	ATS, B	D					10	150	330	12		Re	order			0		4		7		11							
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		F	Y 10 /	' 11 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE TRUCK			TURE LOAD S	YSTEM	И (PLS),	10X10 ((D16500)	Da	te:	Februa	ry 2007				
	C	OST 1	ELEM	IENTS	}						Fiscal Y	Year 1	0										Fiscal Y	Year 11						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 1	10								Cale	ndar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
PL	S Truck						,	C		Б	K			1 1,			<u> </u>	-			11	ь	K	K		-11			1	l
h-	FY 06	A	273	273																										0
1	FY 07	Α	415	415																										0
1	FY 08	A	125	125																										0
1	FY 09	Α	200	17	183	17	17	17	17	17	17	1	7 1	6 16	16	16														0
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4	FY 06	A	1423	1423																										0
4	FY 07	A	2573	2573																										0
4	FY 08	A	1412	1412																										0
4	FY 09	A	580	85	495	45	45	45	45	45	45	4.	5 4	5 45	45	45														0
Ca	rgo Bed,	Demou	ıntable	-																										5
3	FY 06	A	555	555																										0
3	FY 07	A	4320	4320																										0
3	FY 08	A	1650	1650																										0
3	FY 09	A	1573	393	1180	132	131	131	131	131	131	13	1 13	1 131																0
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2	FY 06	A	110	110																										0
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Μ							I	PRODU	CTION	RATES						A	ADMIN L	EAD T	IME		MFR		TOT	AL	REMA	RKS				
F											Reac	hed N	/IFR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D-	+	1 In	tial			0		2		8		10	١						
1	Oshko	sh Trucl	k Corp (l	PLS), Osh	kosh, WI			1	484	616	12	2	Re	order			0		4		7		11							
2	OTC 1	Kewaune	ee Fabrica	ation, Kew	vaunee, W	VI		1	15	40	12	2	2 In	tial			0		2		8		10	١						
3	Summ	a Techn	ology Inc	., Huntsvi	ille, AL			5	160	360	12	2	Re	order			0		4		7		11							
4	-		•	LST), Osl				1	44	220	12		3 In	tial			0		2		6		8							
5				om Corp,	Germanto	own, ME	_	10	150	330	12		Re	order			0		4		6		10		1					
6		CHU, T						1	15	40	12		4 In	tial			0	1	2		8		10	1	1					
7	TBS -	MTS, BI	D					10	150	330	12	2	Re	order			0		4		7		11		1					
L	1												5 In	tial			0		3		6		9		1					
													Re	order			0		3		6		9							

		F	Y 10	' 11 BU	DGET	r PR(DUC	TIOI	N SCI	HEDU	JLE			P-1 ITEN TRUCK,				YSTEN	I (PLS),	10X10 (D16500)	Dat	te:	Februa	ry 2007				
	C	OST 1	ELEN	IENTS							Fiscal Y	ear 10)										Fiscal Y	Year 11						
		1	1	ı	ı				Т											1										
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	.0								Caler	ıdar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	N A Y	A U	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	Later
6	FY 07	A	254	254																										0
6	FY 08	A	190	190																										0
6	FY 09	A	327	0	327	28	28	28	27	27	27	27		27 27	27	27	27												<u> </u>	0
Mov	ement 7	Γracking	g System																								•	•		
-+	FY 06	A	993	993				<u> </u>																					<u> </u>	0
-		A	3671	3671				<u> </u>																					<u> </u>	0
-	FY 08	A	2524	1894	630	210	210	210																					<u> </u>	0
7	FY 09	A	3654	0	3654			 	305	305	305	305	-	305 305	304	304	304	304	304	304									<u> </u>	0
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				PLST), Oslom Corp, o			,	10	150	330	12			Reorder			0	-	4		6	_	10		-					
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7		ATS, BI					+	10	150	330	12		-	Reorder			0	-	4		7	-	11		-					
_	-25	-15, 151					+							Initial			0		3		6		9		1					
								-+					-	Reorder			0	+	3		6		9		1					

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		cles			P-1 Item No	omenclature RMORED SECUR	ITY VEHICLES (A	ASV) (D02800)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Element	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	942	124	1	83 180	172	149	149	44	44		1987
Gross Cost	714.0	115.5	160	0.4 155.1	155.0	136.3	136.2	53.7	53.0		1679.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	714.0	115.5	160	0.4 155.1	155.0	136.3	136.2	53.7	53.0		1679.2
Initial Spares											
Total Proc Cost	714.0	115.5	160	0.4 155.1	155.0	136.3	136.2	53.7	53.0		1679.2
Flyaway U/C											
Weapon System Proc U/C	0.8	0.9	(0.9	0.9	0.9	0.9	1.2	1.2		8.6

The Armored Security Vehicle (ASV) is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection against landmines. The ASV accepts the MK-19 Grenade Machine Gun, the M2.50 caliber machine gun and the M249 5.56 mm Squad Automatic Weapon (SAW) machine gun. The ASV is transportable by C-130 and larger aircraft, rail, and marine transport modes, and is capable of carrying a crew of four. The vehicle has a diesel engine, automatic transmission, central tire inflation system, and a payload of 3,360 lbs. Additional survivability enhancements include: gas particulate ventilated face pieces, a multi-salvo smoke grenade launcher, a crew/engine compartment fire suppression system, an intercom system with radio interface, seamless armor, and blackout capability.

Justification:

FY 2008/2009 procures a total of 352 ASVs. The ASV is used by the Military Police (MP) to perform missions of Area Security, Maneuver and Mobility Support, Police Intelligence Operations, and Law and Order across the entire operational continuum. The MPs conduct force protection and stabilization operations in a war environment. The ASV is also being use as a Convoy Protection Platform for Combat Support and Combat Service Support Units.

FY 2006, and FY 2007 include Supplemental funding of \$40.8 million, and \$83.0 million respectively to support the Global War on Terrorism, and FY 2006 includes \$35.5 million for Hurricane Katrina Relief.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr		al No: ctical and support			menclature: URITY VEHICLE	ES (ASV) (D0280	0)	Weapon Syster	n Type:	Date:	February 2007
OPA1	ID		FY 06		•	FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Vehicle	Α	70763	124	571	126709	183	692	126341	180	702	126743	3 172	737
Engineering Changes		294			6040			3790			3802	2	
Non-Recurring Cost													
Testing - Govt		18			2000			2000			2000)	
Documentation		2000			315			321			327	7	
System Technical Support (STS)		1013			704			1053			541	1	
Engineering Spt (In-House)		437			1595			1629			1740)	
Kits (includes FRAG 1, FRAG 2, VIC-3)					11886			11794			11507	7	
Fielding Support		4864			8234			5936			6032	2	
Project Management Support		611			2946			2260			2303	3	
Katrina Relief		35487											
Total:		115487			160429			155124			154995		

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: ECURITY VEHICLES (ASV	(D02800)			•			
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RF Issu Dat
Vehicle										
FY 2006	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Nov 06	Jun 07	124	571	Yes	N/A	N/A
FY 2007	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Nov 06	Dec 07	183	692	Yes	N/A	N/.
FY 2008	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Jan 08	Jan 09	180	702	Yes	N/A	N/
FY 2009	Textron Marine & Land Systems New Orleans, LA	SS/M-3(1)	TACOM, Warren, MI	Jan 09	Jan 10	172	737	Yes	N/A	N.

REMARKS:

		F	FY 07 /	08 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE				LES (AS	SV) (D02	2800)			Dat		Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal `	Year 0	7	1									Fiscal Y	ear 08						
	ı	ı		ı	1																1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year (17								Calen	dar Ye	ar 08				
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Ma	hicle					T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
	FY 06	Α	124	0	124		A						I			26	34	32	30	2										0
1		A	183				A										٥.	52	50	19	15	15	15	14	14	14	15	15	15	32
-	FY 08	A	180		-																A		15				- 15	- 15	- 10	180
1		A	172	0	1																									172
									+																					
			1																											
			1																											
То	tal		659		659											26	34	32	30	21	15	15	15	14	14	14	15	15	15	384
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M							_ 1	PRODU	JCTION :	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA		REMA	RKS				
F												hed N				Pric	or 1 Oct	_	r 1 Oct	Aft	er 1 Oct		After 1							
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		F	FY 09 /	10 BU	DGE	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM ARMORI				LES (AS	SV) (D02	2800)			Dat	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal Y	Year 09)										Fiscal Y	Zear 10						
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	FY 06	Α	124	124																										0
1		A	183	151	32	14	14	4																						0
1	FY 08	A	180	0	180				15	15	15	15	15	15	15	15	15	15	15	15										0
1	FY 09	A	172	0	172				A												15	15	15	15	14	14	14	14	14	42
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						T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
N	[]	PRODU	CTION I	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				
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		F	FY 11 /	12 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN ARMOR				LES (AS	SV) (D02	2800)			Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal `	Year 11											Fiscal Y	Year 12						
		S	PROC	ACCEP	BAL									Calenda	ır Year 1	1								Caler	ndar Ye	ar 12				
M		E	QTY	PRIOR			1			1				1	1	1				1		1			1	1	1	1	1	1
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Ve	hicle		· I	I		ı	ı		ı					L	ı									ı	1	1	ı	1		
1	FY 06	A	124	124																										0
1	FY 07	A	183	183																										0
1	FY 08	A	180	180																										0
1	FY 09	A	172	130	42	14	14	14																						0
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To	tal		659	617	42	14	14	14																						
						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	
N								PRODU	ICTION	RATES							DMIN I				MFR		TOTA		REMA	RKS				
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1	Textro	on Marir	ne & Land	l Systems,	New Orl	leans, LA	A	1	12	48			Re	order			0		3		12		15							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		ebruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		cles			P-1 Item No	menclature ine Protection Vehi	cle Family (D029	01)			
Program Elements for Code B Items:		Code:	В	Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 200	07 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				168	152	145					465
Gross Cost	3.3			199.1	169.0	165.4					536.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3.3			199.1	169.0	165.4					536.8
Initial Spares											
Total Proc Cost	3.3			199.1	169.0	165.4					536.8
Flyaway U/C											
Weapon System Proc U/C				1.2	1.1	1.1					3.4

The route clearance operation mission is accomplished with the Medium Mine Protected Vehicle (MMPV) system which complements the Vehicle Mounted Mine Detection System (VMMD) and the Buffalo Mine Protected Clearance Vehicle (MPCV) to perform route clearance operations.

The (MMPV) is a blast protected, wheeled vehicle platform that will operate in explosive hazardous environments to support Future Engineer Force (FEF) Clearance Companies in route and area clearance operations, Explosive Hazards Teams in explosive hazards reconnaissance operations, and EOD companies in EOD support operations. The MMPV will also transport soldiers for security forces and support operations (e.g., medical), and provide a platform for command and control & electronic countermeasures.

The Buffalo Mine Protected Clearance Vehicle (MPCV) is a six wheeled armor vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over.

The Vehicle Mounted Mine Detector (VMMD) is a mine protected, vehicle mounted mine detection and proofing system which is capable of finding and marking metallic explosive hazards. VMMD consists of two mine detection vehicles and three detonation trailers. Early versions of the VMMD procured for Operational Needs Statement (ONS) consisted of a Meerkat and a Husky, while more recent procurements consist of two Husky vehicles. Both vehicles are a single occupant system designed for mine blast protection and rapid field reparability.

Justification:

FY08/FY09 Procures 88 Mine Protected Clearance Vehicles (MPCV), 164 Medium Mine Protected Vehicles (MMPV) and 68 Vehicle Mounted Mine Detector (VMMD).

The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including improvised explosive devices (IEDs). These systems locate and neutralize IEDs before they result in fatal or catastrophic injury to civilians and soldiers.

Item No. 9 Page 1 of 16 113

Exhibit P-40, Budget Item .	Justificatio	n Sheet						I	Date:	Fel	oruary 2007	
Appropriation / Budget Activity / Serial Other Procurement, Army / 1 / Tactica		cles				menclature dium Mine Protec	ted Vehicle (MMF	PV) (D02902)			
Program Elements for Code B Items:		Code:	В	Other Related Pro	gram Element	s:						
	Prior Years	FY 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12	FY 2013	To Complete	Total Prog
Proc Qty				82	82	79						243
Gross Cost				66.0	66.0	66.0						198.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1				66.0	66.0	66.0						198.0
Initial Spares												
Total Proc Cost				66.0	66.0	66.0						198.0
Flyaway U/C												
Weapon System Proc U/C				0.8	0.8	0.8						2.4

The Medium Mine Protected Vehicle (MMPV) is a blast protected, wheeled vehicle platform that will operate in explosive hazardous environments to support Future Engineer Force (FEF) Clearance Companies in route and area clearance operations, Explosive Hazards Teams in explosive hazards reconnaissance operations, and EOD companies in EOD support operations. The MMPV will also transport soldiers for security forces and support operations (e.g., medical), and provide a platform for command and control & electronic countermeasures. The MMPV system complements the Vehicle Mounted Mine Detection System (VMMD) and Mine Protected Clearance Vehicle (MPCV) to perform route clearance operations.

Justification:

FY08/09 Procures 164 Medium Mine Protected Vehicles. The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including improvised explosive devices (IEDs). These systems locate and neutralize IEDs before they result in fatal or catastrophic injury to civilians and soldiers.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget A Procurement, Ar					omenclature: rotected Vehicle (N	MMPV) (D02902)		Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware	В							57400	82	700	5740	0 82	70
Total Hardware Costs								57400			5740	0	
Fielding/ASL/PLL/NET								6850			685	0	
FSR								350			35	0	
Program Management								2000			200	0	
Total Support Costs								9200			920	0	
Total:								66600			6660	0	

Exhibit P-5a, Budget Procurement	History and Planni	ng						ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type		m Nomenclature: ne Protected Vehicle (MMPV) (I	002902)						
WBS Cost Elements:	Contractor and Locati	on Contract Method an Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware										
FY 2008	TO BE SELECTED TO BE SELECTED	C/FP 5(2)	TACOM, WARREN, MI	Jun 08	Oct 08	82	700	N	NA	Jan 0
FY 2009	TO BE SELECTED TO BE SELECTED	C/FP 5(3)	TACOM, WARREN, MI	Dec 08	Jun 09	82	700	N	NA	Jan 0

REMARKS: MMPV Contract is a 5 year fixed price contract that will be determined by competition. The first year of this contract will be awarded with funds from R68102 Ground Standoff Mine Detection System (GSTAMIDS) funding line.

		FY 08 / 09 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMENCLATU Medium Mine Protected Volume Protected Protect																												
		F	FY 08 /	09 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE							MMPV)) (D0290	02)			Dat	e:	Februa	ry 2007				
	C	OST	ELEN	1ENTS							Fiscal Y	ear 0	8										Fiscal Y	ear 09						
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M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (18								Caler	ıdar Ye	ar 09				
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Har	dware							•		I			1		ı										ı	ı			ı	
1	FY 08	A	82	0	82									A				10	10	10	10	10	10	11	11					0
1	FY 09	A	82	0	82															A						9	9	9	9	46
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			FY 10 / 11 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMENCLATUR Medium Mine Protected Vehic T. F.I. FMENTS Fiscal Year 10																											
		F	FY 10 /	'11 BU	DGE'	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE							MMPV) (D0290	02)			Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 10)										Fiscal Y	Year 11						
		S	PROC	ACCEP	BAL									Calenda	ır Year 1	.0								Cale	ndar Ye	ar 11				
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F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	Later
Hai	rdware																													
_	FY 08	A	82	82																										0
1	FY 09	A	82	36	46	8	8	8	8	8	4																			2
							 																							
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						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
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Exhibit P-40, Budget Item .	Justificatio	n Sheet						Γ	Date:	Februai	ry 2007	
Appropriation / Budget Activity / Serial Other Procurement, Army / 1 / Tactic		cles			P-1 Item No	menclature ne Protected Clear	ance Vehicle (MP	CV) (D02903	3)			
Program Elements for Code B Items:		Code:	В	Other Related Pro	gram Element	s:						
	Prior Years	FY 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12 FY 20)13 To	Complete	Total Prog
Proc Qty				44	44	42						130
Gross Cost	3.3			48.0	48.0	48.0						147.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1	3.3			48.0	48.0	48.0						147.3
Initial Spares												
Total Proc Cost	3.3			48.0	48.0	48.0						147.3
Flyaway U/C												
Weapon System Proc U/C				1.1	1.1	1.1						3.3

The Buffalo Mine Protected Clearance Vehicle (MPCV) is a six wheeled armor vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over. The MPCV system compliments the Medium Mine Protected Vehicle (MMPV) and Vehicle Mounted Mine Detection System (VMMD)to perform route clearance operations.

Justification:

FY08/FY09 Procures 88 MPCVs. The Buffalo has set the Army's current standard for MPCV survivability in neutralizing the effects of landmines, direct fire, and IEDs. The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards. These systems locate and neutralize explovive devices before they result in fatal or catastrophic injury to civilians and soldiers.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget A Procurement, Ar					menclature: learance Vehicle	(MPCV) (D02903))	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HARDWARE	Α							41800	44	950	4180	0 44	95
Total Hardware Costs								41800			4180	0	
Fielding/ASL/PLL/NET								3850			385	0	
FSR								350			35	0	
Program Management								2000			200	0	
Total Support Costs								6200			620	0	
Total:								48000			4800	0	İ

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: d Clearance Vehicle (MPCV) (D02903)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
HARDWARE										
FY 2008	Force Protection Inc Ladson, SC	SS/FP 1(1)	TACOM, WARREN, MI	Feb 08	Jun 08	44	950	Y	NA	NA
FY 2009	Force Protection Inc Ladson, SC	SS/FP 1(2)	TACOM, WARREN, MI	Dec 08	May 09	44	950	Y	NA	NA

REMARKS: Buffalo contract is a sole source 1 year fixed priced contract with 4 option years. The first year of this contract will be awarded with funds from R68102 Ground Standoff Mine Detection System (GSTAMIDS) funding line.
FY07 is the first contract year and FY08 is the first option year.

			FY 08 / 09 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMENCLATU Mine Protected Clearance V																											
		F	FY 08 /	09 BU	DGE	Γ PR(ODUC	CTIO:	N SCI	HEDU	LE							(MPCV	V) (D029	903)			Date	e:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 08		II.									Fiscal Y	ear 09						
		S	PROC	ACCEP	BAL	_			$\overline{}$					Calenda	r Year 0	8								Cale	ndar Ye	ar 09				
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F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	Later
НА	RDWA	RE																												
1	FY 08	A	44	0	44					A				4	4	4	4	4	4	4	4	4	4	4						0
1	FY 09	A	44	0	44															A					4	4	4	4	4	24
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Tot	al		88		88	<u> </u>		<u> </u>		igsquare				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	24
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M								PRODU	JCTION I	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL.	REMA	RKS				1
F											Reach	ed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct	Produc	ction rate	s are mo	onthly.		
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D+		1 Ir	nitial			0		5		4		9							
1	Force	Protecti	on Inc, La	adson, SC				1	4	5	3		R	eorder			0		3		5		8							
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								-	eorder				+							1										

			FY 10 / 11 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMENCLATU Mine Protected Clearance V ST ELEMENTS Fiscal Year 10																											
		F	FY 10 /	'11 BU	DGE'	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE							(MPCV	V) (D029	903)			Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS]	Fiscal Y	ear 10)	•									Fiscal Y	Year 11						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ar Year 1	0								Cale	ndar Ye	ar 11				
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT		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	Later
HA	RDWA	RE												1 -		-														
- 1	FY 08	Α	44	44						i I					T															0
	FY 09	A	44	20	24	4	1 4	4	4	4	4				1															0
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	1										1	1																		
M							!	PRODU	ICTION I	RATES							DMIN L			4	MFR		TOTA		REMA	ARKS tion rate	e ere me	nthly		
F											Reach	_	FR			Pri	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct	1 Toduc	tion rate	s are me	muny.		
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D+		1 In	itial			0		5		4		9							
1	Force	Protection	on Inc, La	adson, SC				1	4	5	3		R	eorder			0		3		5		8							
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Exhibit P-40, Budget Item	Justificatio	on Sł	heet						Г	ate:	Fe	bruary 2007			
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles					omenclature EHICLE MOUNTI	ED MINE DETEC	TION SYSTE	EM (VMMD)) (D02904)				
Program Elements for Code B Items:	B Prior Years FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 To Complete Total Prog														
Prior Years FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 To Complete Total Prog															
Prior Years FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 To Complete Total Progrec Qty 42 26 24 S S															
Less PY Adv Proc															
Plus CY Adv Proc															
Net Proc P1					85	.1 55.0	51.4						191.5		
Initial Spares															
Total Proc Cost					85	.1 55.0	51.4						191.5		
Flyaway U/C															
Weapon System Proc U/C					2	.0 2.1	2.1						6.3		

The Vehicle Mounted Mine Detector (VMMD) is a mine protected, vehicle mounted mine detection and proofing system which is capable of finding and marking metallic explosive hazards. VMMD consists of two mine detection vehicles and three detonation trailers. Early versions of the VMMD procured for Operational Needs Statement (ONS) consisted of a Meerkat and a Husky, while more recent procurements consist of two Husky vehicles. Both vehicles are a single occupant system designed for mine blast protection and rapid field reparability. The VMMD complements the Mine Protected Clearance Vehicle (MPCV) and Medium Mine Protected Vehicle (MMPV) to perform route clearance operations.

Justification:

FY08/FY09 Procures 68 VMMD Systems. The VMMD system is the only device that provides a mine and improvised explosive device (IED) detection capability on a blast survivable vehicle combined with a route width-proofing capability. The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including explosive (IEDs). These systems locate and neutralize explosive devices before they result in fatal or catastrophic injury to civilians and soldiers.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget A Procurement, Ar			t vehicles VEHI			FECTION SYSTE	ľΜ	Weapon Syster	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
VMMD Systems								80640	42	1920	50960	26	1960
Total Hardware Cost								80640			50960)	
Fielding/ASL/PLL/Net								2110			1250)	
FSR								350			350)	
Program Management								2000			2400)	
Total Support Cost								4460			4000)	
Total:								85100			54960		

Exhibit P-5a, Budget Procurement	History and Planning							oate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: OUNTED MINE DETECTION	SYSTEM (VM	MD) (D02904)	l				
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
VMMD Systems										1
FY 2008	RSD Dorbyl Ltd South Africa	SS/FP5(2)	TACOM, Warren, MI			42	1920	Y	NA	NA
FY 2009	RSD Dorbyl Ltd South Africa	SS/FP5(3)	TACOM, Warren, MI			26	1960	Y	NA	NA

REMARKS: VMMD contract was awarded as a sole source fixed price contract. The first year of this contract will be awarded in FY07 with funds from the Ground Standoff Mine Detection System (GSTAMIDS) R68102 SSN.

			FY 08 / 09 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMENCLATURE VEHICLE MOUNTED MINE																											
		I	FY 08 /	09 BU	DGE	Γ PR()DU(CTIO	N SCI	HEDU	LE							ETECTI(ON SYS	STEM (V	/MMD)	(D0290	Date (4)	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal Y	ear 08	· ·										Fiscal Y	Zear 09						
٠		S	PROC	ACCEP	BAL									Calenda	r Year 0	8								Cale	ndar Ye	ar 09				
M		Е	QTY	PRIOR	DUE			т.		-			ı		1			0				-	1 ,, 1		1	1				
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
VM	IMD Sy	stems									•																			
1	FY 08	A	42	0	42						A				4	4	4	4	4	4	4	4	4	4	2					0
1	FY 09	A	26	0	26															A					2	4	4	4	4	8
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Tot	al		68		68										4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	8
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						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
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M							-	PRODU	ICTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reacl	ned M	FR			Pri	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct	:	After 1	Oct	Produc	tion Rat	es are M	lonthly.		
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D+	- :	l Ini	tial			0		6		4		10							
1	RSD I	Oorbyl I	Ltd, South	Africa			\bot	2	4	5	3		Re	order			0		3		5		8							
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		F	FY 10 /	' 11 BU	DGE	T PR	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN VEHICL				ETECTI	ON SYS	STEM (V	/MMD)	(D0290	Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal `	Year 10)										Fiscal Y	Year 11						
<u> </u>		S	PROC	ACCEP	BAL				Ī					Calenda	r Year 1	10								Cale	ndar Ye	ar 11				
M F	FY	E R	QTY Each	PRIOR TO	DUE AS OF	0	N	D	J	F	M	A	М	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	1
R		V	Euch	1 OCT	1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	Later
VM	IMD Sy	stems																												
1	FY 08	A	42	42																										0
1	FY 09	A	26	18	8	3 4	4 4																							0
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						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	U L	A U G	S E P	
	ı											ı				ı									1					
M							<u></u> '	PRODU	JCTION I	RATES						-	DMIN I			4	MFR		TOTA		REMA	RKS tion Rate	ac ara M	[onthly		
F												hed N				Pri	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct	Troduc	tion Kau	es are ivi	ionuny.		
R				ne - Locati	on		N	MIN	1-8-5	MAX			1 In	itial			0		6		4		10		_					
1	RSD I	Oorbyl I	td, South	Africa				2	4	5	3		Re	eorder			0		3		5		8							
													In	itial																
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic	ll No: al and support vehic	eles			P-1 Item No	menclature UCK, TRACTOR	, LINE HAUL, M	915/M916 (DA060	0)		
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	8574	122	112	21 526	64	253	406	323	84		11473
Gross Cost	683.4	22.5	177	.9 83.9	15.0	45.0	85.2	77.1	13.2		1203.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	683.4	22.5	177	.9 83.9	15.0	45.0	85.2	77.1	13.2		1203.2
Initial Spares	0.5										0.5
Total Proc Cost	683.9	22.5	177	.9 83.9	15.0	45.0	85.2	77.1	13.2		1203.7
Flyaway U/C											
Weapon System Proc U/C	0.4		-								0.4

This family of vehicles contains the Truck, Tractor Line Haul (M915A3) and the Truck, Tractor, Light Equipment Transporter (LET)(M916A3). These two tractors share common components, such as the cab, engine, and transmission. The M915A3 Line Haul Tractor tows the M871 and M872 flatbed semitrailers, the M967 and M969 series 5000 gallon tankers, and the M1062 7500 gallon tanker. FY08 is the first year for acquisition of the Next Generation Line Haul Vehicle which will replace/supplement the existing line haul tractors and trucks. These improved tractors and trucks are more expeditionary ready thru increased safety, range and fuel efficiency, reliability, on-board diagnostics, service intervals and MANPRINT considerations. These characteristics have the potential to substantially decrease the 2-level maintenance tasks, the maximum timre to repair, and the quantity of tools required to conduct maintenance.

Justification:

FY08/09 procures a total of 563 new M915A3/Next Generation Line Hauls Phase I (NGPI) Vehicles and 27 M916A3 Truck Tractors to modernize the current Army fleet and support activation of new National Guard and Army Reserve units. These petroleum companies add necessary fuel handling capability to support the modern battlefield. Without these trucks, the petroleum units would be activated with Tanker Trailers but no trucks to haul them, thus causing a severe deficiency in supplying fuel to support transport. The current trucks are experiencing mission capable rates below the assigned Army goal and are increasingly difficult and expensive to support due to their age. The M915A3/M916A3 Truck Tractors significantly improved readiness with incorporation of new commercial truck technologies such as Collision Warning System, Lube-Free Drive Shaft, Low-Lube Fifth Wheel, and Electronic Transmission. A competitive acquisition of the NGPI truck will be conducted using FY08 funds to attain the best affordable current technology.

"FY06/07 totals include supplemental funding of \$6.000 million and \$138.200 million respectively, to support the global war on terrorism. (GWOT)".

Exhibit P-5, Weapon OPA1 Cost Analysis		oriation/Budget Ac r Procurement, Arr					menclature: OR, LINE HAUL	, M915/M916 (D	A0600)	Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Trk, Tractor, Line Haul, M915A3 (D15900)		11976	75	160	144419	983	147	80000	515	155	1000	0 48	208
Truck, Tractor, LET, M916A3 (D19601)		10490	47	223	33473	138	243	3897	11	354	5000	16	313
Total:		22466			177892			83897			1500	0	

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fel	oruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles			P-1 Item No		, LINE HAUL, M9	D15A2 (D15900)			
Program Elements for Code B Items:		Code:	Α (Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	7583	75	98	33 515	48	206	203	70	84		9767
Gross Cost	589.4	12.0	144	.4 80.0	10.0	33.0	33.5	11.8	13.2		927.3
Less PY Adv Proc											<u> </u>
Plus CY Adv Proc											<u> </u>
Net Proc P1	589.4	12.0	144	.4 80.0	10.0	33.0	33.5	11.8	13.2		927.3
Initial Spares	0.2										0.2
Total Proc Cost	589.6	12.0	144	.4 80.0	10.0	33.0	33.5	11.8	13.2		927.5
Flyaway U/C											
Weapon System Proc U/C	0.4										0.4

The M915A3 Line Haul Tractor is a 6x4 tractor procured as a Non-Developmental Item (NDI). It is found primarily in medium transportation companies and tows the M871 and M872 flatbed semitrailers, the M967 and M969 series 5000 gallon tankers, and the M1062 7500 gallon tanker. It transports breakbulk, containers, water and petroleum over primary and secondary roads. The M915A3, with a 2-inch kingpin and 105,000 Gross Combination Vehicle Weight (GCVW) capacity, is transportable by highway, rail, marine, and air modes worldwide. FY08 is the first year for acquisition of the Next Generation Line Haul Vehicle which will replace/supplement the existing line haul tractors and trucks. These improved tractors and trucks are more expeditionary ready thru increased safety, range and fuel efficiency, reliability, on-board diagnostics, service intervals and MANPRINT considerations. These characteristics have the potential to substantially decrease the 2-level maintenance tasks, the maximum time to repair, and the quantity of tools required to conduct maintenance.

Justification:

FY08/09 procures 258 M915A3 Line Haul Tractors and 305 Next Generation Line Haul Phase I (NGPI) Vehicles. The M915A3 fills requirements in selected National Guard and Army Reserve units to replace overage M915A0s and M915A1s. Previous models of the M915 Truck Tractor are experiencing operational readiness rates below the assigned Army goal, and are difficult and expensive to support due to their age. The M915A3 Truck Tractor significantly improves readiness by incorporating several new commercial truck technologies including Collision Warning System, Lube-Free Drive Shaft, Low-Lube Fifth Wheel, and Electronic Transmission. A competitive acquisition of the NGPI truck will be conducted using FY08 funds to attain the best affordable current technology for the improvements noted above.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr					menclature: OR, LINE HAUL	, M915A2 (D159	00)	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06		•	FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware - M915A3 with FRET		9575	75	128	129010	983	131	69600	515	135	6736	5 48	140
ECPs		350			2313			2088			202	2	
Documentation		188			1000			475			257	7	
Logistics Support		140			507			450			250)	
Engineering Support		250			550			500			400)	
Quality Support		130			500			600			300)	
Program Management Support		425			1800			1300			400)	
System Fielding Support		358			5111			3090			288	3	
Special Tools		125			1800			700			400)	
FSR Support		200			300			350			220)	
Government Testing		150			1206			500			200		
New Equipment Training		85			322			347			347	7	
Total:		11976			144419			80000			10000		

Exhibit P-5a, Budget Procure	ment History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support veh	Weapon System Type:		Nomenclature: ACTOR, LINE HAUL, M915A	A2 (D15900)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware - M915A3 with FRET										
FY 2006	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Feb 06	Aug 06	35	128	YES	N/A	N/A
FY 2006	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Mar 06	Sep 06	40	128	YES	N/A	N/A
FY 2007	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Nov 06	May 07	983	131	YES	N/A	N/A
FY 2008	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Nov 07	May 08	258	135	YES	N/A	N/A
FY 2008	TBD TBD	CPFF RQ5	TACOM, Warren, MI	Jan 08	Jul 08	257	135	YES	N/A	DEC 0
FY 2009	TBD TBD	CPFF RQ5	TACOM, Warren, MI	Dec 08	Jun 09	48	140	YES	N/A	DEC 0
Hardware - M915A3 without FRET										
FY 2006	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Apr 06	Oct 06	60	114	YES	N/A	N/A
FY 2006	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	May 06	Nov 06	16	114	YES	N/A	N/A

REMARKS:

		F	Y 06 /	07 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE				M NOME , TRACT			L, M91	5A2 (D1	5900)			Dat	e:	Februar	ry 2007				
	C	OST	ELEM	IENTS	3						Fiscal	Year 06											Fiscal Y	ear 07	-				-	
		S	PROC	ACCEP	BAL									Calenda	ır Year 0	6								Caler	ndar Yea	ar 07				_
M		Е	QTY	PRIOR										1	1 1	- 1		-												1
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Ha	rdware -	M915A	3 with FI	RET																										
1	FY 06	A	35	0	35					A						10	4	4	4	4	4	4	1						<u></u>	0
1	FY 06	A	40	0	40						A						6	6	6	6	6	6	4						<u> </u>	0
1	FY 06	ANG	60	0	60							A						6	6	8	10	10	10	10					<u> </u>	0
1	FY 06	AR	61	0	61							A						6	6	8	10	10	10	11					<u> </u>	0
1	FY 07	A	983	0	983														A						60	90	90	90	85	568
1	FY 07	NA	7	0	7																A						3	4	<u> </u>	0
	FY 08	A	258	0																									<u> </u>	258
2	FY 08	A	257	0	257																								<u> </u>	257
2	FY 09	A	48	0	48																								<u> </u>	48
Ha	rdware -	M915A	3 withou	t FRET																										
	FY 06	FMS	60	0	60							A						8	8	8	8	9	10	9					<u> </u>	0
	FY 06	FMS	16	0	16								A	Δ.					2	2	2	2	2	6					<u> </u>	0
																														
																													 	
Tot	al	I	1825		1825											10	10	30	32	36	40	41	37	36	60	90	93	94	85	1131
					I	О	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
						l						l																		
M]	PRODU	ICTION 1	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA		1 1 1	1	.1	·
F											Read	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct				e snown e M915 l		is for one of
R				ne - Locati			N	MIN	1-8-5	MAX	_		l Ini	tial			0		2		6		8					mily of		
1			orporatio	n, Portland	d, OR			8	100	205	3		Re	order			0		1		6		7					the com		
2	TBD,	TBD						8	100	205	3	1	2 Ini	tial			0		3		6		9		day or 1				Ü	•
													Re	order			0		2		6		8							
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		F	Y 08 /	09 BU	DGET	PRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEN TRUCK,				L, M91:	5A2 (D1	5900)			Dat	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal '	Year 08											Fiscal Y	ear 09						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Cale	ndar Ye	ar 09				-
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Har	dware -	M915A	3 with FI	RET		1			11	Б	K	K	1	14	L		1		, v	C	15		K	K		11				1
	FY 06	A	35																											0
1	FY 06	A	40	40																										0
1	FY 06	ANG	60	60																										0
1	FY 06	AR	61	61																										0
1	FY 07	A	983	415	568	90	90	90	90	90	90	28																		0
1	FY 07	NA	7	7																										0
1	FY 08	A	258	0	258		A						30	30	30	30	30	30	30	30	18									0
2	FY 08	A	257	0	257				A						17	20	25	25	25	25	25	25	25	25	20					0
2	FY 09	A	48	0	48															A						20	20	8		0
Har	dware -	M915A	3 withou	t FRET																										
	FY 06	FMS	60	60																									<u></u>	0
	FY 06	FMS	16	16																									<u> </u>	0
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Tot	al		1825	694	1131	90	90	90	90	90	90	28	30	30	47	50	55	55	55	55	43	25	25	25	20	20	20	8		
			1	I		0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
_																				1					I					
M								PRODU	ICTION :	RATES							DMIN I	_		1	MFR		TOTA		REMA The pro		schedul	e shown	above	s for one
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	IDD,	עמו						-	100	203	3	-	2 Init			-	0	+	2		6		9		day or	more.				
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														order											1					
-										-			Init					1							1					
														order											1					
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	-	Initia											+		+							1								

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		eles			P-1 Item No	menclature UCK, TRAC, LT	EQ TRANS, 6 X 6	, M916A1 (D1960	1)		
Program Elements for Code B Items:		Code:	Α (Other Related Pro	ogram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	991	47	13	11	16	47	203	253			1706
Gross Cost	93.5	10.5	33	.5 3.9	5.0	12.0	51.7	65.3			275.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	93.5	10.5	33	.5 3.9	5.0	12.0	51.7	65.3			275.4
Initial Spares	0.3										0.3
Total Proc Cost	93.8	10.5	33	.5 3.9	5.0	12.0	51.7	65.3			275.7
Flyaway U/C											
Weapon System Proc U/C	0.2	0.3	1	.3 0.1	0.1	0.3					2.3

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

Justification:

FY 08/09 procures 27 M916A3 Truck Tractors that will replace 18-20 year old M916 Truck Tractors in active duty engineer battalions and War Reserves.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr					menclature: LT EQ TRANS, 6	X 6, M916A1 (D	19601)	Weapon Syster	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08		•	FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware - M916A3 w/FRET		9351	47	199	28179	138	204	2331	11	212	3480	16	218
Hardware - M916A3 w/o FRET													
Program Management Support		175			400			200			200		
Engineering Change Proposals		289			480			70			104		
System Fielding Support		125			1080			143			208		
Quality Support		100			300			150			100		
Documentation		100			571			140			140		
Engineering Support		100			300			150			105		
Logistics Support		100			300			150			100		
Special Tools		100			663			150			150		
FSR Support		50			200			150			150		
Government Testing					700			150			150		
New Equipment Training					300			113			113		
Total:		10490			33473			3897			5000		

Exhibit P-5a, Budget Procuremen	t History and Planning							oate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: AC, LT EQ TRANS, 6 X 6, M9	916A1 (D19601))					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware - M916A3 w/FRET										
FY 2006	Freightliner Corporation Portland, OR	CFPRQ7	TACOM, Warren, MI	Jan 06	Jul 06	47	199	YES	N/A	N/A
FY 2007	Freightliner Corporation Portland, OR	CFPRQ7	TACOM, Warren, MI	Nov 06	May 07	138	204	YES	N/A	N/A
FY 2008	Freightliner Corporation Portland, OR	CFPRQ7	TACOM, Warren, MI	Nov 07	May 08	11	212	YES	NA	N/A
FY 2009	TBD TBD	CPFFRQ5	TACOM, Warren, MI	Jan 09	Jun 09	16	218	YES	N/A	DEC 0
Hardware - M916A3 w/o FRET										
FY 2006	Freightliner Corporation Portland, OR	CFPRQ7	TACOM, Warren, MI	Jun 06	Dec 06	34	177	YES	N/A	N/A

REMARKS:

		F	Y 06 /	07 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN				6 X 6, N	M916A1	(D1960	01)		Dat	te:	Februa	ry 2007				
	CO	OST :	ELEN	1ENTS	;						Fiscal `	Year 06		1									Fiscal Y	Year 07		-				
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	6								Caler	ıdar Ye	ar 07				
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Hardy	vare - l	M916A	3 w/FRE	Т			•		•			•		•									•					•		•
1 F	Y 06	A	47	0	47				A						10	10	10	10	7								ĺ			0
1 F	Y 06	ANG	2	0	2											A						2								0
1 F	Y 06	AR	23	0	23							A						3	6	6	6	2					l			0
1 F	Y 06	AR	23	0	23														A						3	3	5	5	5	2
1 F	Y 07	A	138	0	138														A						10	10	10	10	10	88
1 F	Y 08	A	11	0	11																									11
2 F	Y 09	A	16	0	16																						ĺ			16
Hardy	vare - l	M916A	3 w/o FR	RET																										
1 F	Y 06	FMS	34	0	34									A						7	7	7	7	6						0
		 						<u> </u>																						
-			 	1																						\vdash				
																											i .			
Total			294		294										10	10	10	13	13	13	13	11	7	6	13	13	15	15	15	117
						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]	PRODU	ICTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				
F											Reac	hed M	FR			Prio	or 1 Oct	After	r 1 Oct	Afr	ter 1 Oct		After 1	Oct						is for one
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX			_	nitial			0	_	2		6		8			body sty es. The l				
1 I	Freight	liner C	orporatio	n, Portland	d, OR			8	100	205	3		—	eorder			0		1		6		7		produc	ed togeth	her with	the com	mercial	
-	ГВD, Т			<u> </u>	<u> </u>			8	100	205	3	- 1		nitial			0	_	3		6		9		day or	tion which	ch runs a	at an ave	erage of	40 per
													-	eorder			0	-	2		6		8		1					
								\rightarrow					_	nitial			-	1							1					
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		F	Y 08 /	09 BU	DGE	Γ PR(ODUC	LTIO!	N SCI	HEDU	LE				M NOME , TRAC,			6 X 6, 1	M916A1	(D1960	01)		Dat	te:	Februa	ary 2007				
	C	OST	ELEN	1ENTS	}						Fiscal `	Year 08											Fiscal Y	Year 09)					
				1	1				1												ı									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 0	8								Cale	ndar Ye	ar 09				
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Hard	lware -	M916A	3 w/FRE	Т																										
1	FY 06	A	47	47																										0
1	FY 06	ANG	2	2																										0
1	FY 06	AR	23	23																										0
1	FY 06	AR	23	21	2	2																								0
1	FY 07	A	138	50	88	13	15	15	15	13	11	6																		0
1	FY 08	A	11	0	11		A							5																0
2	FY 09	A	16	0	16																A						6	5	5	0
Hard	lware -	M916A	.3 w/o FR	RET																										
1	FY 06	FMS	34	34																										0
								<u> </u>																						
								├──						-																
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Tota	1		294	177	117	15	15	15	15	13	11	6	6	5													6	5	5	
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M]	PRODU	CTION	RATES						Α	DMIN L	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				
F											Reac	hed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						is for one
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D-	+ <u> </u>	In	tial			0		2		6		8			body sty es. The l				
1	Freight	tliner C	orporatio	n, Portland	d, OR			8	100	205	3		Re	order			0		1		6		7		produc	ed togeth	her with	the com	mercial	
2	TBD, T	ГВО						8	100	205	3	- 1	2 In	tial			0		3		6		9		day or	ction which more.	ch runs	at an ave	rage of	40 per
													_	order			0	+	2		6		8		1 1					
													In	tial																
								-						order											1					
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								$\overline{}$					_	tial											1					
								$\overline{}$					_	order				1							1					

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fel	oruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		les			P-1 Item No	menclature YY EXPANDED M	OBILE TACTICA	AL TRUCK EXT S			
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	1667	415	114	921	951	765	747	355	355	4818	12141
Gross Cost	354.9	84.5	242	.0 197.5	215.2	188.5	187.7	91.0	93.4	188.2	1842.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	354.9	84.5	242	.0 197.5	215.2	188.5	187.7	91.0	93.4	188.2	1842.8
Initial Spares											
Total Proc Cost	354.9	84.5	242	.0 197.5	215.2	188.5	187.7	91.0	93.4	188.2	1842.8
Flyaway U/C											
Weapon System Proc U/C											_

Description:

The Heavy Expanded Mobility Tactical Truck Extended Service Program (HEMTT-ESP) is a Vice Chief of Staff of the Army (VCSA) approved RECAP program and is critical to increasing HEMTT fleet readiness, reducing operation and support costs, and modernizing the fleet. HEMTT-ESP supports modularity by remanufacturing and upgrading existing HEMTT vehicles with insertion of new technologies to reduce the logistics burden and reduce life cycle costs. HEMTT-ESP is critical because it is the primary source of M1120A2R1 HEMTT Load Handling System (LHS) variants, which reduce the logistics footprint on the battlefield to support the Army's evolving transportation-based, just-in-time supply system. HEMTT LHS is an essential Combat Service Support (CSS) enabler in both the Stryker Brigade Combat Team (SBCT) and the Modular Brigades, providing C130 transportability and modular delivery of fuel, ammunition, and other classes of supply in forward areas. The ESP program reduces emissions, improves fuel economy, increases reliability, and improves safety and performance. These upgrades include a new electronically-controlled engine and transmission, bolt-together wheels, increased corrosion prevention, and 4-point seatbelts. This program produces a like-new vehicle with a full new vehicle warranty.

Justification:

FY 08/09 procures upgrades for 1872 HEMTT variants, including 217 M984A2R1 Wreckers, 815 M1120A2R1 LHSs, 528 M978A2R1 Tankers, 135 M983A2R1 Tractors, and 132 M977/M985 Cargo variants, 15 GMT Cargos, 15 EPP Cargos, and 15 LRPT Cargos. This completes the upgrade of two PATRIOT Battalions, fills SBCT 5 and 6, supports upgrades to modular brigades, and meets interchange requirements for M1120A2R1 HEMTT LHS.

FY06/07 totals include supplemental funding of \$48M and \$22M respectively, to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Arr			vehicles HVY I			TICAL TRUCK E	XT SERV	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06		•	FY 07			FY 08		1	FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware													
HEMTT M984A2R1 Wrecker (ESP)		3454	16	216	47333	214	221	22888	97	236	29157	120	243
HEMTT M978A2R1 Tanker (ESP)		17774	90	197	74120	381	195	47591	228	209	64480	300	215
HEMTT M1120A2R1 LHS (ESP)		41740	251	166	56766	328	173	71802	394	182	79300	421	188
HEMTT M983A2R1 Tractor (ESP)		5484	38	144	10493	72	146	12989	90	144	6687	45	149
HEMTT M977 EPP (ESP)		1601	10	160	622	4	156	1661	10	166	855	5	171
HEMTT M977 LRPT (ESP)		949	5	190	698	4	175	1867	10	187	961	. 5	192
HEMTT M977A2R1 ESP Cargo					1711	11	156						
HEMTT M985E1 (ESP) GMT		1162	5	232	1337	5	267	2399	10	240	1235	5	247
HEMTT M985A2R1 (ESP)					20702	128	162	14177	82	173	8901	50	178
Subtotal		72164			213782			175374			191576	5	
1. Engineering Changes		2164			6138			4820			5425	i	
2. Government Testing		500			950			600			500)	
3. Documentation		550			989			500			500)	
4. Engineering Support		450			363			500			650)	
5. Quality Support		300			500			500			500		
6. Special Tools		500			914			500			500		
7. System Fielding Support		5341			13116			10080			10750		
8. PM Support		2500			5217			4625			4800		
Total:		84469			241969			197499			215201		

Exhibit P-5a, Budget Procurement	t History and Planning							Oate: February 2	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: DED MOBILE TACTICAL T	RUCK EXT SE	RV PROG (DV	0021)				
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFF Issue Date
1. Hardware										
FY 2006	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY 6	TACOM, Warren, MI	Dec 05	Aug 06			Yes	N/A	N/A
FY 2007	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07			Yes	N/A	N/A
FY 2008	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08			Yes	N/A	N/A
FY 2009	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09			Yes	N/A	N/A

REMARKS:

		F	Y 06 /	07 BU	DGET	PR(ODUC	CTIO	N SC	HEDU	ULE			P-1 ITEN HVY EX (DV002	KPANDE			CTICAL	TRUCE	K EXT S	ERV PI	ROG	Date		Februa	y 2007				
	CO	OST 1	ELEN	1ENTS	}						Fiscal	Year 06	5										Fiscal Y	ear 07						
M		S												Calenda	r Year (06								Calen	dar Ye	ır 07				
h	FY R Units TO AS OF O N D J F M A M J OCT 1 OCT C O E A E A P A U N															A	S	0	N	D	J	F	M	A	M	J	J	A	S	
R	V 1 OCT 1 OCT C T O V E C N A E R A R P A Y ATT M984A2R1 Wrecker (ESP) FY 06 A 16 0 16 A A I														U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	Later
HEM	T V C N B R R Y N MTT M984A2R1 Wrecker (ESP)															1									ı					
1 F	FY 06 A 16 0 16 A A A A A A A A A															2	2	2	2	1	1	1	1	1	1	1	1			0
	V 1 OCT 1 OCT C T O V C E A N A E R A P R A Y T M984A2R1 Wrecker (ESP) 06 A 16 0 16 A 0																				A								18	196
		S																												97
	E QTY PRIOR DUE TY R Units TO 1 OCT OCT OCT OCT OCT OCT OCT OCT OCT OCT																													120
							ı		1	1	1	1	ı		ı					-	I	I	I					П	T	
	FY R Units TO AS OF O N D J F M A P A P A P A P A P A P A P A P A P A															8	8	8	8	8	8	7	7	7	7	7	7			0
	S PROC ACCEP BAL DUE FY R Units TO AS OF O N D J F M A P A P A P A P A P A P A P A P A P A																				A								32	349
	FY R Units TO 1 OCT 1 OCT C O N D J F M A P A F A P A P A T TO 1 OCT C T O O D D J F M A P A A E A P A P A A E A P A P A A E A B A P A A E A A P A A A A																													228
					300																									300
<u> </u>		1		` ′	251		1						1			21	21	21	21	21	21	21	21	21	21	21	20	I	I	0
			1					А								21	21	21	21	21	A	21	21	21	21	21	20		28	300
					ļ																A								20	394
1 F																														421
					721					1							L	L	L	L									<u> </u>	421
					38			A								4	4	3	3	3	3	3	3	3	3	3	3			0
-		l	1	<u> </u>	I	О								J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	
						C T		E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
1																														

L							Т	T		T		
N I		PRODU	ICTION R	RATES	Reached	MED		ADMIN LI Prior 1 Oct	EAD TIME After 1 Oct	MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government
F		MIN	1-8-5	MAX	D+		Initial	0	3	8 8	11	(484/month) accommodates mix of government and commercial production on contractor's
	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12		Reorder	0	3	8	11	and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift
L							Initial					dedicated to government production.
F							Reorder					_
\vdash	+						Initial Reorder					-
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r							Reorder					†
T							Initial					1
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		FY 06 / 07 BUDGET PRODUCTION SCHEDULE																												
_		F	FY 06 /	07 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITE! HVY EX (DV002	KPANDE			CTICAI	L TRUC	K EXT S	SERV PI	ROG	Dat	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal '	Year 06	<u> </u>										Fiscal Y	ear 07						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()6								Cale	ıdar Ye	ar 07				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1	FY 07	A	72	0	72																A								6	66
1	FY 08	7 08 A 90 0 90																												90
1	FY 09																													45
HE	MTT M	977 EPI	P (ESP)																											
1	FY 06	A	10	0	10			A								1	1	1	1	1	1	1	1	1	1					0
	FY 07	A	4	0	4																A								1	3
_	FY 08	A	10	0	10																									10
	FY 09	A	5	0	5																									5
			PT (ESP)							1		ı		1	ı	1	ı .		ı	ı			1		ı	1		ı		
	FY 06	-	5	0				A								1	1	1	1	1										0
-	FY 07	A	4	0																	A								1	3
-	FY 08 FY 09	A	10	0																										10
		A 077 A 2E	R1 ESP C		3																									3
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L							Т	T		T		
N I		PRODU	ICTION R	RATES	Reached	MED		ADMIN LI Prior 1 Oct	EAD TIME After 1 Oct	MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government
F		MIN	1-8-5	MAX	D+		Initial	0	3	8 8	11	(484/month) accommodates mix of government and commercial production on contractor's
	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12		Reorder	0	3	8	11	and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift
L							Initial					dedicated to government production.
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		F	FY 06 /	' 07 BU	DGE	r PR(ODUC	CTIO	N SCI	HEDU	JLE				M NOMI KPANDE 1)			CTICAI	L TRUC	K EXT S	SERV PI	ROG	Dat	te:	Februa	ary 2007				
	C	OST	ELEN	IENTS	3						Fiscal	Year 06											Fiscal Y	Year 07						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year ()6								Cale	ndar Ye	ar 07				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1	FY 06	A	5	0	5	•	,	A					-	- 1,		1	1	1	1	1	-,					- '			-	0
1	FY 07	A	5	0	5																A								1	4
1	FY 08	A	10	0	10																									10
1	FY 09	A	5	0	5																									5
HI	MTT M	985A2F	R1 (ESP)		1			1																ı						I
1	FY 06	A	0	0)																									0
1	FY 07	A	128	0	128																A								11	117
1	FY 08	A	82	0	82																									82
1	FY 09	A	50	0	50																									50
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							•																							
M]	PRODU	ICTION	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA		REMA		ant EO	1105.	un du sti	om moto
F											Read	hed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct	(484/m	Governm nonth) acc	commo	dates miz	of gov	ernment
R	_			ne - Locati			N	MIN	1-8-5	MAX	_		In	tial			0		3		8		11			mmercial				or's 6/month)
1	Oshko	sh Truc	k Corp. (OTC), Osł	hkosh, W	[1	484	616	1:	2	Re	order			0		3		8		11			s contract				
													In	tial											dedicat	ted to go	vernmei	nt produc	ction.	
													Re	order																
													In	tial																
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		F	FY 08 /	09 BU	DGET	r PRC	DUC	CTIO	N SCI	IEDU	JLE		I	P-1 ITEM HVY EXI DV0021	PANDE			CTICAI	. TRUCI	K EXT S	ERV PI	ROG	Date		Februa	ry 2007				
1	C	OST	ELEM	ENTS							Fiscal Y	Year 08	<u>L</u>										Fiscal Y	ear 09						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								(Calendar	· Year 0	08								Calen	ıdar Ye	ar 09				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
HE	MTT M	984A2F	R1 Wrecke	er (ESP)																										
1	FY 06	A	16	16																										0
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1	FY 08	8 A 97 0 97 A															9	8	8	8	8	8	8	8	8	8	8	8		0
1	FY 09	A	120	0	120																Α								10	110
HE	MTT M	978A2F	R1 Tanker	(ESP)																										
1	FY 06	A	90	90																										0
1	FY 07	A	381	32	349	32	32	32	32	32	32	32	32	31	31	31														0
1	FY 08	A	228	0	228				A								19	19	19	19	19	19	19	19	19	19	19	19		0
1	FY 09	A	300	0	300																A								25	275
HE	MTT M	1120A2	R1 LHS (ESP)																										
1	FY 06	A	251	251																										0
1	FY 07	A	328	28	300	28	28	28	27	27	27	27	27	27	27	27														0
1	FY 08	A	394	0	394				A								33	33	33	33	33	33	33	33	33	33	32	32		0
1	FY 09	A	421	0	421																A								36	385
HE	MTT M	983A2F	R1 Tractor	(ESP)																										
1	FY 06	A	38	38																										0
						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		PRODU	UCTION R	RATES			ADMIN L	EAD TIME	MFR	TOTAL	REMARKS
F					Reached		Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government
R	Name - Location	MIN	1-8-5	MAX	D+	Initial	0	3	8	11	and commercial production on contractor's integrated production line. Max rate (616/month)
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	Reorder Initial	0	3	8	11	reflects contractor capacity using second shift dedicated to government production.
						Reorder					dedicated to government production.
						Initial					
_						Reorder					
						Initial					4
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-						Initial Reorder					-
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FY 08 / 09 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMEN																														
		F	Y 08	09 BU	DGET	PRO	DUC	TIO	N SCI	HEDU	JLE		I					CTICAI	L TRUCI	K EXT S	SERV PI	ROG	Dat		Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal '	Year 08	<u> </u>]	Fiscal Y	ear 09						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								(Calenda	r Year ()8								Calen	ıdar Ye	ar 09				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1	FY 07	A	72	6	66	6	6	6	6		6	K 6	6	N 6			r	1	v	C	N	Б	K	K	1	IN	L	u	r	0
	FY 08	8 A 90 0 90 A															8	8	8	8	8	8	7	7	7	7	7	7		0
	FY 09	09 A 45 0 45																			A								4	41
HE	MTT M	7 09 A 45 0 45 T M977 EPP (ESP)															ı l		1						1		L	L	ıı	
1	FY 06	A	10	10																										0
1	FY 07	A	4	1	3	1	1	1																						0
1	FY 08	A	10	0	10				A								1	1	1	1	1	1	1	1	1	1				0
	FY 09	A	5	0	5																A								1	4
_			PT (ESP)											1	•															
	FY 06	A	5	5																										0
	FY 07	A	4	1	3	1	1	1																						0
	FY 08	A	10						A								1	1	1	1	1	1	1	1	1	1				0
	FY 09	A	5	0	5																A								1	4
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		A	0	0																										0
	FY 07	1	11	1	10	1	1	1	1	1	1	1	1	1	1															0
HE	MTT M9	985E1 (.	ESP) GM	IT		0	N	D		Б				7			c	- 0	N	D		Б			M	т			c	
						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	

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M F		PRODU	JCTION F	RATES	Reached	MFR		Prior 1 Oct	EAD TIME After 1 Oct	MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government
R	Name - Location	MIN	1-8-5	MAX	D+		Initial	0	3	8	11	(484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month)
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12		Reorder	0	3	8	11	integrated production line. Max rate (616/month) reflects contractor capacity using second shift
							Initial					reflects contractor capacity using second shift dedicated to government production.
							Reorder					-
,							Initial Reorder					-
							Initial					1
							Reorder					1
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i i												

		FY 08 / 09 BUDGET PRODUCTION SCHEDULE COST ELEMENTS Fiscal Year 08													M NOMI (PANDE 1)			CTICAI	L TRUC	K EXT S	SERV P	ROG	Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal '	Year 08											Fiscal Y	Year 09	•					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (18								Cale	ndar Ye	ar 09				
F R		R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1	FY 06	Α	5	5																										0
1	FY 07	A	5	1	4	1	1	1	1																					0
1	FY 08	A	10	0	10				A								1	1	1	1	1	1	1	1	1				1	0
1	FY 09	A	5	0	0 5																A									5
HI	EMTT M	985A2R	1 (ESP)	•		I	I										1				ı	1								
1	FY 06	A	A 0 0																											0
1	FY 07	A	128	11	117	10	10	10	10	10	10	10	1	10	9	9	9													0
1	FY 08	A	82	0	82				A								7	7	7	7	7	7	7	7	7	6	6		7	0
1	FY 09	A	50	0	50																A								5	45
То	tal		3434	514	2920	98	98	98	95	94	94	94	94	93	91	90	88	78	78	78	78	78	77	77	77	75	72	66	90	869
10	tai		5454	314	2720	0	N	D	J	F	М	A	М	J	J	A	S	0	N	D	J	F	M	A	M	J	I	A	S	007
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M	1]	PRODU	CTION	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA		REMA		FO	3105.	4 4 .	
F												hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct	(484/m	Governm onth) ac	commo	dates mix	of gov	ernment
R				ne - Locati				MIN	1-8-5	MAX			In	tial			0	+	3		8		11			mmercia				or's 16/month)
1	Oshko	sh Trucl	k Corp. (OTC), Osł	ikosh, W	[1	484	616	12	2	-	order			0		3		8		11		reflects	contrac	tor capa	city usin	g secon	d shift
														tial											dedicat	ted to go	vernme	nt produc	ction.	
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		F	Y 10 /	11 BU	DGET	r PRC	DUC	TIO	N SCI	HEDU	JLE		I	P-1 ITEM HVY EX DV0021	PANDE			CTICAL	. TRUCI	K EXT S	SERV PI	ROG	Dat	e:	Februa	ry 2007				
	C	OST	ELEM	ENTS							Fiscal Y	ear 10	1										Fiscal Y	ear 11						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE								(Calendai	Year 1	0								Caler	ndar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
HE	MTT M	984A2R	R1 Wrecke	er (ESP)																I										
1	FY 06	A	16	16																										0
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1	FY 08	98 A 97 97																												0
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HEMTT M978A2R1 Tanker (ESP) 1 FY 06 A 90 90																														
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	FY 08	A	228	228																										0
	FY 09	A	300	25	275	25	25	25	25	25	25	25	25	25	25	25														0
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_		A	251	251																										0
	FY 07 FY 08	A	328 394	328 394																										0
	FY 09	A A	421	36		35	35	35	35	35	35	35	35	35	35	35														0
			R1 Tractor		363	33	33	33	33	33	33	33	33	33	33	33														0
	FY 06		38	38							1																			0
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						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	

	PRODU	UCTION F	RATES				EAD TIME	MFR	TOTAL	REMARKS	
				Reached		Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	REMARKS	
Name - Location	MIN	1-8-5	MAX	D+	Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	REMARKS	
Name - Location Oshkosh Truck Corp. (OTC), Oshkosh, WI					Initial Reorder	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	REMARKS	
	MIN	1-8-5	MAX	D+	Initial Reorder Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	REMARKS	
	MIN	1-8-5	MAX	D+	Initial Reorder Initial Reorder	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	REMARKS	
	MIN	1-8-5	MAX	D+	Initial Reorder Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	REMARKS	
	MIN	1-8-5	MAX	D+	Initial Reorder Initial Reorder Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	REMARKS	
	MIN	1-8-5	MAX	D+	Initial Reorder Initial Reorder Initial Reorder Initial Reorder	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	REMARKS	
	MIN	1-8-5	MAX	D+	Initial Reorder Initial Reorder Initial Reorder Initial Reorder Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	REMARKS	

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_		F	Y 10	' 11 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEI HVY EX (DV002	KPANDI			CTICAI	L TRUC	K EXT S	SERV P	ROG	Dat	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal	Year 10)										Fiscal Y	ear 11						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	10								Caler	ndar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1	FY 07	A	72	72																										0
1	FY 08	A	90	90																										0
1	FY 09	A	45	4	41	4	4	4	4	4	3	3	3	3	3	3	3													0
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_		A	10																											0
_	FY 08 FY 09	A A	5	10	4	1	1	1	1																					0
		1	R1 ESP C	argo					1																					0
_	FY 06	A	0		1		1					1																		0
		A	11																											0
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		П						T				
M F		PRODU	JCTION F	RATES	Reached	MFR		Prior 1 Oct	EAD TIME After 1 Oct	MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
R	Name - Location	MIN	1-8-5	MAX	D+		Initial	0	3	8	11	
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12		Reorder	0	3	8	11	_
							Initial Reorder					-
							Initial					1
				_			Reorder					<u>1</u>
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		F	Y 10	/ 11 BU	DGE	Γ PR(DDU (CTIO	N SCI	HEDU	JLE			P-1 ITE! HVY EX (DV002	KPANDE			CTICAI	L TRUCI	K EXT S	SERV P	ROG	Dat	te:	Februa	ary 2007				
	C	OST	ELEN	1ENTS	}						Fiscal	Year 10											Fiscal Y	Year 11						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	10								Cale	ndar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1	FY 06	A	5	5		_							_				_											_		0
	FY 07	A	5																											0
	FY 08	Α	10	10																										0
1	FY 09	A	5	0	5	1	1	1	1	1																				0
HI	MTT M	985A2R	1 (ESP)	1	II.		l	1	1			l	1	1	I	l								l			l		l	1
	FY 06	1	0	0																										0
1	FY 07	A	128	128																										0
1	FY 08	A	82	82																										0
1	FY 09	A	50	5	45	5	4	4	4	4	4	4	4	1 4	4	4														0
_			2424	25.55	0.50	02	0.1	0.1	01	70	77	77																		
То	tal		3434	2565	869		81	81	81	79	77	77	77	77	77	77	3			- D							,		-	
						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								PRODU	ICTION	RATES						A	ADMIN I	LEAD T	IME		MFR		TOTA	A L	REMA	RKS				
F												hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R	_			ne - Locati			1	MIN	1-8-5	MAX	_						0		3		8		11							
1	Oshko	sh Trucl	k Corp. (OTC), Osl	nkosh, W	[1	484	616	1:	2	-+-	order			0		3		8		11							
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Exhibit P-40, Budget Item	Justificatio	n Shee	et					Da	ate: Fe	ebruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		cles			P-1 Item No	omenclature ROW THE FORCE	E (DV0011)				
Program Elements for Code B Items:		Cod	de:	Other Related Pro	ogram Element	.s:					
	Prior Years	FY 20	006 FY 20	007 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	2 FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				1925.8	3 2025.8	2432.3	1900.0				8283.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				1925.8	3 2025.8	2432.3	1900.0				8283.9
Initial Spares											
Total Proc Cost				1925.8	3 2025.8	2432.3	1900.0				8283.9
Flyaway U/C											
Weapon System Proc U/C											
Danamindiana			•		•						

capabilities, and demonstrate increased willingness to engage strategic competitors and prosecute the Global War on Terror.

Justification:
Fiscal Year (FY) 2008/2009 funding supports OPA 1 Tactical and Support Vehicles. The Army will provide exact budget line item detail in a future budget submission as a precise determination of

The Growing the Force Initiative implements guidance from the Office of the Secretary of Defense to increase the end strength of the Army by 7,000 soldiers a year for 5 years, for a total of 35,000 additional soldiers. This growth in the number of soldiers will provide an additional significant number of trained, ready, deployable combat brigades which will reduce unit stress, increase combat

When this analysis is completed, it will also demonstrate increased equipment density because of force protection requirements, increasing combat power, and lessons learned in Operation Iraqi Freedom and Operation Enduring Freedom.

requirements by Table of Organizational Equipment (TOE) is performed. To do this, the Army is conducting a complete analysis of equipment needed by each unit added to the Army by year.

Exhibit P-40, Budget Item .	Justification	n Sheet						Date:		bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		les			P-1 Item No	omenclature MMWV RECAPIT	'ALIZATION PRO	OGRAM (DV0230)	1		
Program Elements for Code B Items:		Code:	(Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	3343	14837	920)4							27384
Gross Cost	175.6	798.9	455	.0							1429.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	175.6	798.9	455	.0							1429.5
Initial Spares											
Total Proc Cost	175.6	798.9	455	.0							1429.5
Flyaway U/C											
Weapon System Proc U/C	0.1	0.1	0	.0							0.2

Description:

The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) Recapitalization (Recap) program converts vehicles from HMMWV M998A0/A1 and M1025A0/A1 configurations to the M1097R1 and M1025R1, respectively. The HMMWV Recap program maintains the Army's investment in the Light Tactical Vehicle Fleet and supports the Army's modularity strategy. Reconfiguration of the HMMWV N998A0/A1 and M1025A0/A1 vehicles to the HMMWV M1097R1 and M1025R1 configuration results in a more capable vehicle with improved reliability and maintainability. This recapitalization program will permit heavier payloads and modernize the fielded HMMWV fleet. The result of this recapitalization effort is a vehicle with an extended service life and additional payload capabilities.

Justification:

FY08/09 program not funded. FY 2007 Bridge supplemental procured 8,929 HMMWV M1097R1 and 275 HMMWV M1025R1 recapitalized vehicles. The need for bridge supplemental is to recap a total of 9,204 vehicles: 3,654 vehicles for USAR; 2,928 for the National Guard and 1,968 for Active component, all supporting Modularity. Additional there will be 654 vehicles Recapped for swap out with customers turning in older equipment.

FY06/07 totals include supplemental funding of \$766.154 million and \$455.0 million respectively, to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ar					menclature: PITALIZATION F	PROGRAM (DV	70230)	Weapon Syste	em Type:	Date:	February 2007
OPA1	ID		FY 06		1	FY 07			FY 08	•		FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Vehicles													
M1097R1		732822	14507	51	431125	8929	48						
M1025R1		18691	330	57	14602	275	53						
Subtotal		751513			445727								
Government Testing		1228											
Engineering Support - In-House		687			500								
Quality Assurance Support - In-House		150			220								
Fielding Support		2213			2207								
Basic Issue Items (BII)		21375			2745								
Kits		19798			1851								
Project Management Support		1965			1750								
Total:		798929			455000								

Exhibit P-5a, Budget Procure					ate: ebruary	2007				
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support ve	Weapon System Type:		Nomenclature: CAPITALIZATION PROGRA	AM (DV0230)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFF Issue Date
M1097R1										
FY 2006	Letterkenny Army Depot Chambersburg, PA	MIPR	TACOM, Warren, MI	Nov 05	Jan 06	6586	51	Y	NA	NA
FY 2006	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 05	Jan 06	7495	51	Y	NA	NA
FY 2006	Maine Military Authority Limestone, ME	MIPR	MMA, Limestone, ME	Dec 05	Jan 06	426	40	Y	NA	NA
FY 2007	Letterkenny Army Depot Chambersburg, PA	MIPR	TACOM, Warren, MI	Nov 06	Jul 07	5175	48	Y	NA	NA
FY 2007	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 06	Jul 07	3504	48	Y	NA	NA
FY 2007	Maine Military Authority Limestone, ME	MIPR	MMA, Limestone, ME	Nov 06	Apr 07	250	31	Y	NA	NA
M1025R1										
FY 2006	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 05	Jan 06	330	57	Y	NA	NA
FY 2007	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 06	Jul 07	275	53	Y	NA	NA

REMARKS:

		I	FY 06 /	07 BU	DGET	r PR(ODUC	TIO	N SCI	HEDU	LE			P-1 ITEM HMMWV				N PROG	RAM (E	V0230)			Date		Februar	ry 2007				
	C	OST	ELEN	IENTS	,						Fiscal Y	Year 06											Fiscal Y	ear 07					-	
									,																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calendaı	Year 0	6								Calen	ıdar Yea	ar 07				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M1	097R1	I				•			-,	2	••					U	•	-												l
1	FY 06	A	7495	0	7495		A		417	417	417	417	417	417	417	416	416	416	416	416	416	416	416	416	416	416				0
2	FY 06	A	6586	0	6586		Α		366	366	366	366	366	366	366	366	366	366	366	366	366	366	366	366	365	365				0
1	FY 07	A	5175	0	5175														A								471	471	471	3762
2	FY 07	A	3504	0	0 550.														A								318	318	318	2550
3	FY 06										29	29	29	28	28	28	28	28	28	28	28	28							0	
3	FY 07	NG	250	0	250														A					25	25	25	25	25	25	100
M1	025R1																													
1	FY 06	A	330	0	330	A 18 18 18 18								18	18	18	18	18	18	18	19	19	19	19	19	19				0
1	FY 07	A	275	0	275														A								25	25	25	200
					1																				 				<u> </u>	
																													$\overline{}$	
Tot	al		24041		24041				830	830	830	830	830	830	829	828	828	828	828	828	829	829	829	826	825	825	839	839	839	6612
						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							I	PRODU	CTION	RATES						A	DMIN I	EAD T	IME]	MFR		TOTA	AL.	REMA	RKS				!
F											Reac	hed MI	FR			Pric	r 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	ion		N	/IN	1-8-5	MAX	D-	+ 1	Init	ial			0		2		1		3							
1	Red R	liver Ar	my Depot	, Texarkar	na, TX		- 1	278	396	640			Red	order			0		0		1		1							
2	Letter	kenny A	Army Dep	ot, Chamb	ersburg, l									ial			0		2		1		3							
3	Maine	Militar	y Authori	ty, Limest	tone, ME	<u></u>								order			0		0		1		1							
					3									ial			0		3		4		7							
											Red	order			0		2		1		3									
										Init	ial																			
										Red	order																			
										Init	ial																			
-										Red	order											1								

		F	Y 08 /	09 BU	DGET	PRO	DUC	CTIO	N SCI	HEDU	LE				M NOME V RECA			PROG	RAM (E	OV0230))		Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal Y	Year 08											Fiscal Y	Year 09	ı					
				,																										
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Cale	ndar Ye	ar 09				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M1)97R1	I	I		1	-				_										-										1
_	FY 06	A	7495	7495																										0
2	FY 06	A	6586	6586																										0
1	FY 07	A	5175	1413	3762	471	471	471	471	485	485	485	423	3																0
2	FY 07	A	3504	954	2550	318	318	318	318	328	328	328	294	ı																0
3	FY 06	NG	426	426																										0
3	FY 07	NG	250	150	100	25	25	25	25																					0
M1)25R1																													
1	FY 06	A	330	330																										0
1	FY 07	A	275	75	200	25	25	25	25	25	25	25	25	5																0
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																													—	
Tot	al		24041	17429	6612	839	839	839	839	838	838	838	742													_			<u> </u>	
						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							I	PRODU	CTION	RATES						Α	DMIN L	EAD T	IME		MFR		TOTA	AL	REMA	RKS				!
F											Reac	hed MI	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D-	+ 1	l Ini	tial			0		2		1		3							
1	Red R	iver Arı	ny Depot	, Texarkar	ıa, TX		:	278	396	640			Re	order			0		0		1		1							
2	Letter	kenny A	rmy Dep	ot, Chamb	ersburg, I	PA		278	330	500		2	2 Ini	tial			0		2		1		3							
3	Maine	Militar	y Authori	ty, Limest	one, ME			50	40	50			Re	order			0		0		1		1							
												3	3 Ini	tial			0		3		4		7							
													Re	order			0		2		1		3							
													Ini	tial]					
													Re	order]					
													Ini	tial																
Ī													Re	order					·											

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fel	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic	al No: cal and support vehic	les			P-1 Item No	menclature ODIFICATION OF	F IN SVC EQUIP ((DA0924)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	2268.4	52.3	216	32.7	32.5	32.6	32.8	54.1	14.6		2736.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	2268.4	52.3	216	32.7	32.5	32.6	32.8	54.1	14.6		2736.6
Initial Spares											
Total Proc Cost	2268.4	52.3	216	32.7	32.5	32.6	32.8	54.1	14.6		2736.6
Flyaway U/C											
Weapon System Proc U/C											

Description:

Equipment modifications increase survivability of soldiers in the field and improve vehicle readiness. Modifications support the hardware and application of armor kits and armored cabs for most types of tactical vehicles; Anti-lock brakes (ABS), tires and tubes for the M939 Series 5-Ton Truck, continuing the correction of a safety issue for the fleet and enables the trucks to accept armor kits; Collision Avoidance systems for several tactical vehicles, which will use radar to determine following distance and closing rate with any vehicle ahead and issue an alert to the driver; Roll Stability systems for several tactical vehicles, which employ ABS sensors to measure traction loss. Before a human can even detect the motion, the computer identifies the problem, figures out the best corrective action and applies one brake selectively to correct the problem. Modifications also support the Heavy Expanded Mobility Tactical Truck (HEMTT) Wheel Modification, which retrofits fielded HEMTTs with two-piece bolt wheels of a safer design. Modifications also includes Roll Stability for the Family of Medium Tactical Vehicles (FMTV), employing Anti-lock Brake (ABS) sensors to measure traction loss (wheel spin), figuring out the best corrective action and applying one brake selectively at one corner of the vehicle to correct the problem.

Justification:

FY08/09 procures Anti-lock brakes (ABS), tires and tubes for the M939 Series 5-Ton Truck, completing this modification in FY10; Collision Avoidance, utilizing radar to determine distance and closing rate with any vehicle ahead by processing the information through an onboard computer which will issue an alert to the drive; and Roll Stability Systems which will utilize ABS sensors to measure traction loss (wheel spin), vehicle speed, steering input and any "yaw" or lateral movement indicating any plowing motion, and determine the best corrective action to take. FY08/09 also procures Driver Vision Enhancement, Air conditioning, Vehicle Computer System, and Vehicle Intercrew Communications.

FY06/07 totals include supplemental funding of \$50.0 million and \$214.0 million respectively, to support the global war on terrorism (GWOT).

Exhibit P-40M	, Budget Item Justifica	ation Sheet						Date:	February 2007		
Appropriation / Budget Act	tivity / Serial No:				P-1 Item Nomeno	clature					
Other Procure	ment, Army / 1 / Tactical and support ve	ehicles			MO	DIFICATION OF I	N SVC EQUIP (E	DA0924)			
Program Elements for Code	e B Items:						Code:	Other R	elated Program Elen	nents:	
Description		Fiscal Years						"			
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
HMMWV 3-PT Seatbel	t	- 1	U	U		•	J.		•	1	
1-92-06-4401	Safety	42.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.8
M939 Tire Improvemen	t										
1-97-06-4532	Safety	51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0
M939 Anti-Lock Brake	System (ABS)										
1-97-06-4533	Safety	59.7	2.1	4.4	4.5	4.7	0.0	0.0	0.0	0.0	75.4
HEMTT Wheel Modific	cation										
1-00-06-0003	Urgent	121.4	0.0	1.6	1.0	0.0	0.0	0.0	0.0	0.0	124.0
A8020 Fuel Injection To	est Stand Upgrade										
0-00-00-0000		7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
Aluminum Mesh Liner											
0-00-00-0000		11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
M872 Modification Har	dware										
1-01-06-0007	Special Purpose Mod	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8
HEMTT/PLS 4-Point So	eatbelt										
0-00-00-0000	Safety	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
PLS Trailer Wheel Mod	lification										
2-02-06-0001	Safety	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
HMMWV 3PT Seatbelt	s-M996 Mini Ambulance										
1-01-06-0004	Safety	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
HMMWV 3PT Seatbelt	s-M997 Maxi Ambulance										
1-01-06-0005	Safety	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Light Tactical Trailer M	IWOs										
0-00-00-0000	Urgent	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
HMMWV Maxi-Ambul	ance A/C Upgrade										
1-02-06-0001	Urgent	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
Fuel Tank Insertion Safe	ety Foam										
0-00-00-0000	Safety	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 14 Page 2 of 69 166

Exhibit P-40M Budget Item Justification Sheet

	I, Budget Item Justifi	cation pheet			D 1 K N	1			February 2007		
Appropriation / Budget Ac		t vahiolos			P-1 Item Nomeno		N CNC FOUR A	A0024)			
	ement, Army / 1 / Tactical and suppor	t venicles			MOI	DIFICATION OF I			1.15 5		
Program Elements for Cod	le B Items:						Code: A	Other R	elated Program Elem	nents:	
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
M915 FOV Electrical U	Upgrade										
0-00-00-0000	Safety	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
Roll Stability											
0-00-00-0000	Safety	0.0	0.0	2.5	2.5	3.1	9.1	12.0	10.3	0.0	39.5
HMMWV Rear Differr	netial Oil Cooler										
1-01-06-0008	Safety	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
Construction Equipmer	nt Armor Kits										
0-00-00-0000	Urgent	62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0
HMMWV Enhanced G	PK										
0-00-00-0000	Critical	0.0	86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.0
Heavy Truck Armor Ki	its										
0-00-00-0000	Urgent	459.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	459.6
Fuel Tanker Armor Kit	is .										
0-00-00-0000	Urgent	80.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.5
Tactical Vehicles Safet	y Enhancements										
0-00-00-0000	Safety	254.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254.7
Collision Avoidance											
0-00-00-0000	Safety	0.0	0.0	2.4	2.5	3.0	1.8	2.7	4.3	0.0	16.7
HMMWV FRAG Kit #	‡5 (Door)										
0-00-00-0000	Critical	50.0	128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	178.0
HMMWV Armor Kits											
0-00-00-0000	Urgent	383.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	383.2
Medium Truck Armor	Kits										
0-00-00-0000	Urgent	637.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	637.2
HMMWV ECM Conve	ersion										
0-00-00-0000	Urgent	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Tactical Vehicle Armor	r Installation										
0-00-00-0000	Urgent	204.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	204.1

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 14 Page 3 of 69 167

Exhibit P-40M Exhibit P-40M, Budget Item Justification Sheet

, Budget Item Justif	ication Sheet						Date:	February 2007		
tivity / Serial No:				P-1 Item Nomen	clature					
ment, Army / 1 / Tactical and suppor	rt vehicles			МО	DIFICATION OF	IN SVC EQUIP (I	DA0924)			
e B Items:						Code:	Other R	elated Program Elen	nents:	
	Fiscal Years									
Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
Urgent	0.0	0.0	6.3	6.4	6.4	6.4	11.4	0.0	0.0	36.9
Urgent	0.0	0.0	3.0	3.0	3.0	3.0	5.4	0.0	0.0	17.4
em										
Urgent	0.0	0.0	3.0	3.0	3.0	3.0	5.4	0.0	0.0	17.4
munications										
Urgent	0.0	0.0	9.5	9.6	9.4	9.5	17.2	0.0	0.0	55.2
	2462.6	216.6	32.7	32.5	32.6	32.8	54.1	14.6	0.0	2878.5
1	civity / Serial No: ment, Army / 1 / Tactical and support B Items: Classification Urgent Urgent Urgent urgent urgent munications	rent, Army / 1 / Tactical and support vehicles B Items: Classification Urgent Urgent Urgent Urgent O.0 Urgent Urgent O.0 Urgent O.0 Urgent O.0 O.0	Classification 2006 & PR FY 2007 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0 Urgent 0.0 0.0	Classification 2006 & PR FY 2007 FY 2008 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 3.0 Urgent 0.0 0.0 9.5	P-1 Item Noment MO	P-1 Item Nomenclature MODIFICATION OF	P-1	P-1 Item Nomenclature MODIFICATION OF IN SVC EQUIP (DA0924)	February 2007 February 200	February 2007 February 200

Date:

February 2007

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

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

DESCRIPTION / JUSTIFICATION:

Installation Schedule

The 3-point seatbelt safety modification will be applied to the front and rear seats on all basic armor and non-armor High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) models. This 3-point seatbelt is a safer and more effective restraint system than the two-point seatbelt, it will reduce the severity of injuries and fatalities. Total requirement is for 98,572 front and rear seatbelts plus 1,446 template kits.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

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

mountain benedure																						ı
	Pr Yr		FY	2007			FY:	2008			FY	2009			FY 2	2010			FY 2	2011		
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ı
Inputs	94907																		į į			ı
Outputs	94446	154	154	153															P			ı

L .																		
ı		FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
ı	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		94907
Outputs																		94907

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

Contract Dates: FY 2008 - FY 2009 - FY 2010 -

Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

DA0924 Item No. 14 Page 5 of 69 Exhibit P-3A MODIFICATION OF IN SVC EQUIP 169 Individual Modification

Date: February 2007

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	Т	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits	94907	17.7																	94907	17.7
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	65553	20.1																	65553	20.1
FY 2006 Kits	28893	4.5																	28893	4.5
FY 2007 Equip Kits			461	0.5															461	0.5
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	94446	24.6	461	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	94907	25.1
Total Procurement Cost		42.3		0.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0		42.8

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Exhibit P-3A Individual Modification

Date: F

February 2007

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

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

DESCRIPTION / JUSTIFICATION:

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

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

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

ı	neta	llatior	Sch	edule

Inputs Outputs

Pr Yr		FY 2007 2 3 4				FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
10816																				
10816																				

	FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
																	10816
																	10816

METHOD OF IMPLEMENTATION: Depot/Contractor ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months

Team

Inputs Outputs

 Contract Dates:
 FY 2008 FY 2009 FY 2010

 Delivery Dates:
 FY 2008 FY 2009 FY 2010

Date:

February 2007

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	007	20	08	20	09	201	10	20	11	20	12	20	13	T	С	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits	10816	34.0																	10816	34.
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (Testing, PM/Eng Spt)		4.6																		4.
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	10816	12.4																	10816	12.
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	10816	12.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10816	12.
Total Procurement Cost		51.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		51.

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Exhibit P-3A Individual Modification

Date:

February 2007

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

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

DESCRIPTION / JUSTIFICATION:

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

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Products Specification Available - Oct 98

Hardware Application: Jan 00 - FY10

This mod includes tubes and tires in addition to the ABS kits. Kits are applied either by the hardware contractor or through the Government Reimbursable Program (GRP) where funds are provided directly to the organization applying the modification. The funded program through FY10 will fulfill 100% of the M939 ABS program. Application is subject to availability of vehicles and the schedule is developed with each receiving unit individually, so there is no convential application schedule shown below. Production leadtime for kits is approximately 6 months.

Installation Schedule																									ı
	Pr Yr			FY 2007				FY 2008					FY 2009					FY 2010				FY 2011			
	Totals			1	2	3	4	1	2	3		4	1	2	3	4	4	1	2	3	4	1	2	3	4
Inputs	30102																								
Outputs	30102																								
	_																								
	FY 2012					FY 2013				FY 2014				FY 2015						То			Т		Totals
	1 2 3 4			1	2 3		4 1		1	2			1	1	2	3	3 4			Co	mplete	plete			
Inputs																									30102
Outputs																									30102
METHOD OF IMPLEMENTATION: Depot/Contractor ADMINISTRATIVE LEATeam								LEAD	DTIME: 1 months PRODUCTION LEADTIME: 6 months																
Contract Dates: FY 2008 - Nov 07								FY 2009 - FY 2010 -																	

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 14 Page 9 of 69 Exhibit P-3A
173 Individual Modification

	INDIVIDUAL MOD	IFICATION	Date: February 2007					
Delivery Dates:	FY 2008 - Jun 08	FY 2009 -	FY 2010 -					

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Exhibit P-3A INDIVIDUAL MODIFICATION

Date: February 2007

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2006																			
	and l	Prior	20	07	2008		200	09	20	10	20	11	2012		2013		T	(.)	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	30102	36.8	420	1.2	1015	2.3	1015	2.4	1015	2.5									33567	45.2
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (Testing, PM/Eng Supt)		5.0																		5.0
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	30102	17.9																	30102	17.9
FY 2006 Kits																				
FY 2007 Equip Kits			420	0.9															420	0.9
FY 2008 Equip Kits					1015	2.1													1015	2.1
FY 2009 Equip Kits							1015	2.1											1015	2.1
FY 2010 Equip Kits									1015	2.2									1015	2.2
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	30102	17.9	420	0.9	1015	2.1	1015	2.1	1015	2.2	0	0.0	0	0.0	0	0.0	0	0.0	33567	25.2
Total Procurement Cost		59.7		2.1		4.4		4.5		4.7		0.0		0.0	-	0.0		0.0		75.4

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Date:

February 2007

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

MODELS OF SYSTEM AFFECTED: All HEMTTs fielded prior to CY2000

DESCRIPTION / JUSTIFICATION:

In 2001, the Project Manager for Heavy Tactical Vehicles (HTV) implemented an expedited change to the Heavy Expanded Mobility Tactical Truck (HEMTT) production vehicle configuration to include a safer, bolt-together wheel design and tubeless tire. This Maintenance Work Order (MWO) rapidly retrofits the remainder of the fielded fleet with the safer, bolt-together wheel design and tubeless tire per Chief of Staff, United States Army (CSA) direction. Prior to initiation of this retrofit program, 59 soldier injuries in unique accidents occurred for the 220 TACOM managed systems that used the split-ring design wheels. Of those accidents, 30 were specifically attributed to the HEMTT fleet, which also accounted for two fatalities during 1999-2000 and an additional two fatalities in 2003.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Modification configuration is fully tested and has been applied to the production line as well as overhaul/Extended Service Program (ESP) vehicles. Delivery of retrofit kits and start of kit installation began in May 2002. Kit procurement continues through FY05 with kit installation continuing through FY09. The program is being executed by Red River Army Depot (RRAD).

Instal	lation	Sc	hec	lu	le
--------	--------	----	-----	----	----

ı	
Inputs	
Outputs	

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
12821							73	73			45	45								
12364																				

		FY	2012			FY 2	2013			FY	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		13057
Outputs																		12821

METHOD OF IMPLEMENTATION:

Depot/Contractor

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Team
Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

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Date:

February 2007

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits	12821	110.6			146	1.4	90	0.9											13057	112.9
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (PM Supt)																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	10990	9.6																	10990	9.6
FY 2006 Kits	1831	1.2																	1831	1.2
FY 2007 Equip Kits																				
FY 2008 Equip Kits					146	0.2													146	0.2
FY 2009 Equip Kits							90	0.1											90	0.1
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	12821	10.8	0	0.0	146	0.2	90	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13057	11.1
Total Procurement Cost		121.4		0.0		1.6		1.0		0.0		0.0		0.0		0.0		0.0		124.0

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Date:

February 2007

MODIFICATION TITLE: A8020 Fuel Injection Test Stand Upgrade [MOD 5] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: A8020

DESCRIPTION / JUSTIFICATION:

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

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Description for Purchase (DFP) Jan 02

Solicitation - Jan 02 - Feb 02

1st Article Test - Sep 02

Installation Schedule

Inputs Outputs
Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
35																				
37																				

		FY 2	2012			FY 2	2013			FY	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		35
Outputs																		37

METHOD OF IMPLEMENTATION: C/FFP ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 9 months

 Contract Dates:
 FY 2008 - Jan 01
 FY 2009 FY 2010

 Delivery Dates:
 FY 2008 - Jan 02
 FY 2009 FY 2010

Date: Fe

February 2007

MODIFICATION TITLE (cont): A8020 Fuel Injection Test Stand Upgrade [MOD 5] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and l	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	T	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	37	7.0																	37	7.0
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		7.0	_	0.0		0.0		0.0		0.0	_	0.0	_	0.0		0.0		0.0		7.0

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							NDIVID	UAL I	MODII	FICA	TION									I	Date:	Februar	y 2007			
MODIFICATION TI	ΓLE: Alι	ıminum M	Aesh Lin	er [M	OD 6] (0-00-0	00-0000																			
MODELS OF SYSTE	M AFFI	ECTED:																								
DESCRIPTION / JUS																										1
FY02 Congressio	nal ado	l for alu	minum	mes	sh line	ers.																				
DEVELOPMENT ST	ATUS /	MAJOR I	DEVELO	OPME	ENT MI	ILEST	ONE(S)	:																		•
Installation Schedule																										
1 -		Pr Yr			FY	2007				F	FY 2008				F	Y 20	009			FY	2010			FY :	2011	
	,	Totals		1	2	3	3 4	1	1	2	3	3	4	1	2		3	4	1	2	3	4	1	2	3	4
Inputs					<u></u>																					
Outputs													<u> </u>													
•		FY 2	2012				FY 2	0012					FY 2014					FY 201	_				То			Totals
•	1	2	3	4	1	1	2	3	4		1				4	1	2		3	4		Cor	mplete			Totals
Inputs																							1			
Outputs																										
METHOD OF IMPLE	EMENTA	ATION:	•			•	ADMIN	ISTRA	TIVE	LEAI	DTIME:		0 m	onths	•		PRO	DUCT	ION LE	ADTIME:	0 mor	nths				
Contract Dates:				2008										2009 -							Y 2010 -					
Delivery Dates:			FY	2008) -								FY	2009 -						I	FY 2010 -					

INDIVIDUAL MODIFICATION Date: February 2007

MODIFICATION TITLE (cont): Aluminum Mesh Liner [MOD 6] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	Т	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity		11.0																		11.
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.
Total Procurement Cost		11.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		11.

Date:

February 2007

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

MODELS OF SYSTEM AFFECTED: M872 Basics, A1s and A2s

DESCRIPTION / JUSTIFICATION:

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

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Hardware Procurement - Oct 02

Hardware Application - Jan 03 - Sep 04

	I	nsta	lla	tion	Sc	hec	lu	le
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ļ	
Inputs	
Outputs	

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
5050																				
5050																				

		FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
•	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		5050
Outputs																		5050

METHOD OF IMPLEMENTATION:

Depot field team

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

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Date:

February 2007

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	TO		To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	5050	6.1																	5050	6.1
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	5050	8.7																	5050	8.7
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	5050	8.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5050	8.7
Total Procurement Cost		14.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		14.8

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Date:

February 2007

MODIFICATION TITLE: HEMTT/PLS 4-Point Seatbelt [MOD 8] 0-00-00-0000

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

DESCRIPTION / JUSTIFICATION:

Beginning with November 2001 deliveries, the Heavy Expanded Mobility Tactical Truck (HEMTT) production configuration included improved Seat/4-Point SeatBelt, and the Palletized Load System (PLS) followed in Jul 02. This improved seat/seatbelt will significantly enhance crew safety, especially for rollover accidents. Historical data shows that rollovers are 25% of the heavy tactical vehicle accidents, but account for 50% of the fatalities. The vehicles in the First Digitized Division/Stryker Brigade Combat Team (FDD/SBCT) have extensive Command, Control, Communications, and Computer Systems (C4) equipment installed on the doghouse between driver and passenger, which present new injury surfaces in the event of a rollover. The improved seat/seatbelt is required to preclude the soldiers striking this C4 equipment in FDD/SBCT vehicles fielded prior to production cut-in.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Engineering Change Proposal (ECP) for HEMTT was cut into production Dec 2001; PLS production cut-in occurred Jul 02.

Retrofit award is planned for 2QFY04 with hardware delivery and installation planned to begin 3QFY04.

Installation Schedule

Inputs	
Outpute	

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
625																				
625																				

		FY	2012			FY 2	2013			FY 2	2014			FY :	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		625
Outputs																		625

METHOD OF IMPLEMENTATION:

Contractor

ADMINISTRATIVE LEADTIME:

16 months

PRODUCTION LEADTIME: 3 months

Contract Dates:

FY 2008 - Feb 04

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - May 04

FY 2009 -

FY 2010 -

Date: February 2007

MODIFICATION TITLE (cont): HEMTT/PLS 4-Point Seatbelt [MOD 8] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO		To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits	625	1.1																	625	1.1
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	625	0.2																	625	0.2
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	625	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	625	0.2
Total Procurement Cost		1.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		1.3

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Date:

February 2007

MODIFICATION TITLE: PLS Trailer Wheel Modification [MOD 9] 2-02-06-0001

MODELS OF SYSTEM AFFECTED: Fielded PLS Trailers

DESCRIPTION / JUSTIFICATION:

This is a Chief of Staff, United States Army interest item. The PM HTV has initiated an expedited change to the Palletized Load System (PLS) Trailer production vehicle configuration to include a safer, bolt-together wheel design. The trailer currently uses the split-ring wheel configuration. Over the past few years, 59 soldier-injury split rim unique accidents have occurred for the 220 Tank-Automotive and Armaments Command (TACOM) managed systems that use split rim design wheels. This modification program will begin the change to the safer bolt together wheel configuration for the fielded PLS Trailer fleet.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

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

Initial contract award for modification hardware and installation labor was made July 2003, with initial delivery of retrofit hardware in Jan 04. Application begins Feb 04.

Instal	lation	Sc	hec	lu	le
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Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1344																				
1343																				

		FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		1344
Outputs																		1343

METHOD OF IMPLEMENTATION:

Contractor

ADMINISTRATIVE LEADTIME:

9 months

PRODUCTION LEADTIME: 5 months

Contract Dates:

FY 2008 - Jul 03

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - Jan 04

FY 2009 -

FY 2010 -

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Date:

February 2007

MODIFICATION TITLE (cont): PLS Trailer Wheel Modification [MOD 9] 2-02-06-0001

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	Т	С	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	1344	2.8																	1344	2.8
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	1344	0.7																	1344	0.7
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	1344	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1344	0.7
Total Procurement Cost		3.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		3.5

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Date:

February 2007

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

MODELS OF SYSTEM AFFECTED: HMMWV M996 Mini-Ambulances

DESCRIPTION / JUSTIFICATION:

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

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

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

Installation Schedul	le																							
		Pr Yr			FY 200)7			FY 200	18			FY	2009				FY 2	2010			FY	2011	
		Totals		1 2	2	3	4	1	2	3	4	1	2	3	4		1	2	3	4	1	2	3	4
Inputs			326																					
Outputs			326																					
ı				•	•	•	•				•	•			•						•	•	•	•
l .		FY	2012			FY	2013			FY	Y 2014				FY 2	015					То			Totals
1	1	2	3	4	1	2	3	4	1	2	3	4		1	2	3	4			Cor	mplete			
Inputs																								326
Outputs																								326
METHOD OF IMP	LEMENT.	ATION:	Dej	oot Team		ADMI	NISTRA	TIVE L	EADTIM	Ξ:	0 moi	nths		PR	ODUC	CTION	LEAI	TIME:	0 mor	nths				
Contract Dates:			FY	2008 -							FY 20	009 -						F	Y 2010 -					
Delivery Dates:			FY	2008 -							FY 20	009 -						F	Y 2010 -					

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Date: February 2007

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	326	0.1																	326	0.1
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	326	0.1																	326	0.1
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	326	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	326	0.1
Total Procurement Cost		0.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.2

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Date:

FY 2010

February 2007

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

FY 2008 -

FY 2007

MODELS OF SYSTEM AFFECTED: HMMWV M997 Maxi-Ambulances

DESCRIPTION / JUSTIFICATION:

Installation Schedule

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

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Pr Yr

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

L.																								
	,	Totals		1	2	3	4	1	2	3	4	1		2	3	4	1	2	3	4	1	2	3	4
Inputs		3	115																					
Outputs		3	115																					
		FY 2	2012			FY	2013				FY 20	14			FY	2015					To			Totals
	1	2	3	4	1	2	3	4	1		2	3	4	1	2	3	4	4		Co	mplete			
Inputs																								3115
Outputs																								3115

FY 2009

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: PRODUCTION LEADTIME: 0 months 0 months Contract Dates: FY 2009 -FY 2010 -

FY 2008

Delivery Dates: FY 2009 -FY 2010 -FY 2008 -

FY 2011

Date: Febr

February 2007

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

FINANCIAL PLAN: (\$ in Millions)

j	FY 2	006																		
	and F	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	3115	0.6																	3115	0.6
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	3115	0.2																	3115	0.2
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	3115	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3115	0.2
Total Procurement Cost		0.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.8

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Date:

FY 2010

February 2007

MODIFICATION TITLE: Light Tactical Trailer MWOs [MOD 12] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: High Mobility Multipurpose Wheeled Vehicle (HMMWV) M998/A1, M1025/A1, M1038/A1, M1026/A1

DESCRIPTION / JUSTIFICATION:

Crossmember kits are required for the light High Mobility Multi-Purpose Wheeled Vehicles (HMMWV) (M998/A1, M1025/A1, M1038/A1, and M1026/A1) which enable them to use the Light Tactical Trailer (LTT) and meet the Required Operational Capability (ROC) of 15-mph average and 20-mph maximum cross-country speed and the conditions required by material release. These kits provide full operational performance with increased effectiveness and will reduce life cycle costs by reducing unscheduled maintenance. Kits will be issued on a 2:1 basis for all new Light Tactical Trailers (M1101 model only) production, and are over-packed with the trailer before shipment.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Pr Yr

This is a continuation of effort already in progress. There is no installation required as the kits are over-packed with all M1101 model LTTs and shipped to the field. Field elements install the kit as required.

FY 2008

	-	Γotals		1	2	3	4	1	2	3	4	1	2	3	3	4	1	2	3	4	1	2	3	4
Inputs																								
Outputs																								
•			•	•			•					•	•		•	•			•	•	•			
•		FY 2	2012			FY	2013				FY 2014				FY	2015					To			Totals
l 	1	2	3	4	1	2	3	4	1	2		3	4	1	2	3	4			Con	mplete			
Inputs																								
Outputs																								3631

METHOD OF IMPLEMENTATION: pack

Production Over-

FY 2007

ADMINISTRATIVE LEADTIME:

1 months

FY 2009

PRODUCTION LEADTIME: 5 months

Contract Dates:

FY 2008 - Jan 06

FY 2009 -

FY 2010 -

Delivery Dates:

Installation Schedule

FY 2008 - Jul 06

FY 2009 -

FY 2010 -

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 14 Page 28 of 69 192

Exhibit P-3A Individual Modification

FY 2011

Date: Febr

February 2007

MODIFICATION TITLE (cont): Light Tactical Trailer MWOs [MOD 12] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	T	С	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	10277	3.7																	10277	3.7
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	3631	1.5																	3631	1.5
FY 2006 Kits																				
FY 2007 Equip Kits	6646																		6646	
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	10277	1.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10277	1.5
Total Procurement Cost	_	5.2		0.0		0.0	_	0.0	_	0.0		0.0	_	0.0		0.0		0.0		5.2

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Date:

February 2007

Exhibit P-3A

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

MODELS OF SYSTEM AFFECTED: M997

DESCRIPTION / JUSTIFICATION:

The current refrigerant used in the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) Maxi-Ambulance has an adverse environmental impact. Army policy directed the discontinuation of ozone depleting chemicals in Army vehicles in FY05. The current supply of M997 refrigerant will be depleted by FY05. This effort will modify R-134a refrigerant, which complies with federal regulations and international agreements regarding the use of ozone depleting chlorofluorocarbon (CFC) gases.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

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

Instal	lation	Sc	hed	hil	le

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY :	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1562																				
1562																				

•		FY	2012			FY	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		1562
Outputs																		1562

METHOD OF IMPLEMENTATION: PRODUCTION LEADTIME: 0 months Depot/Contract ADMINISTRATIVE LEADTIME: 0 months

Team

Contract Dates: FY 2008 -FY 2009 -FY 2010 -

Delivery Dates: FY 2008 -FY 2009 -FY 2010 -

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Date: February 2007

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits	1562	2.0																	1562	2.0
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	1562	2.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1562	2.0
Total Procurement Cost		2.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		2.0

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]	NDIVIE	UAL M	ODIFIC	ATION								D	ate:	Februar	y 2007			
MODIFICATION TI	ITLE: Fu	el Tank I	nsertion S	Safety Fo	am [MOI	0 14] 0-0	0-00-000	0															
MODELS OF SYST	EM AFF	ECTED:																					
Congressional ac explosion and fu	ld to su el susta	pport F ined fir	res in m	ilitary g	ground	vehicle	s, speci				e, test a	nd eval	uate Po	lyureth	ane Foa	m as o	ne po	ossible	means	to miti	gate the	e risk o	f
STS contract to s	support					. ,		Nov ()4.														
Installation Schedule															-								
		Pr Yr			FY 2007				FY 2008	3			FY 200	9			FY 2	2010	1		FY	2011	1
		Totals		1 :	2 :	3 .	4	1	2 :	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																							
Outputs																							
		FY	2012			FY	2013			FY	2014			FY	2015					То			Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			Co	mplete			
Inputs																							
Outputs						_	_	_							_			_	•			•	•

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

MODIFICATION TITLE (cont): Fuel Tank Insertion Safety Foam [MOD 14] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and i	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	T	С	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement		1.4																		1.
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.
Total Procurement Cost		1.4		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		1.

February 2007

Date:

Date:

February 2007

MODIFICATION TITLE: M915 FOV Electrical Upgrade [MOD 15] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: M915 FOV Fielded Trucks

DESCRIPTION / JUSTIFICATION:

Installation Schedule

Inputs Outputs

The Electrical Upgrade to the M915 Family of Vehicles (FOV) is a safety issue which addresses a problem associated with the Dual Voltage Alternator Converter (DUVAC). This upgrade replaces the DUVAC with an equalizer, adds a battery cut-off switch, and a decal explaining the proper slave starting procedures.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Contract award for modification hardware was made Aug 02, with initial delivery of retrofit hardware in Mar 03. Application began Apr 03.

mistariation benedule																					
	Pr Yr		FY 2	2007			FY 2	2008			FY	2009			FY 2	2010			FY 2	2011	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	1992																			1	
Outputs	1992																				
•		•				•		•		•				•	•	•	•				

	FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
																	1992
																	1992

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198

METHOD OF IMPLEMENTATION: Unit Labor - NG ADMINISTRATIVE LEADTIME: 10 months PRODUCTION LEADTIME: 6 months Contract Dates: FY 2008 - FY 2009 - FY 2010 - Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

Date: F

February 2007

MODIFICATION TITLE (cont): M915 FOV Electrical Upgrade [MOD 15] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO		To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	1992	2.2																	1992	2.2
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	1992	1.1																	1992	1.1
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	1992	1.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1992	1.1
Total Procurement Cost		3.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		3.3

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Date:

February 2007

MODIFICATION TITLE: Roll Stability [MOD 16] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Family of Medium Tactical Vehicles (FMTV)

DESCRIPTION / JUSTIFICATION:

Employs Anti-lock Brake (ABS) sensors to measure traction loss (wheel spin). It measures vehicle speed, your steering input and any _yaw_ or lateral movement indicating any plowing motion or the start of a spin. Before a human can even detect the motion, the computer identifies the problem, figures out the best corrective action and applies one brake selectively at one corner of the tractor to correct the problem. System must have ABS installed in order to utilize this modification.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

FY08 funding will be used to procure kits and installation for the Family of Medium Tactical Vehicles (FMTV) A1 and A1 Rebuy vehicles, building from an existing plan to cut roll stability provisions into production. Effort may be expanded or modified to include the M939 Series Trucks, or Heavy Tactical Vehicles, depending on operational requirements and the status of each fleet. Production funding based upon installed kit cost of \$2,500. Application plans are to be developed.

Instal	lation	Sc	hec	lu	le
--------	--------	----	-----	----	----

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
								100	250	250	250	250	250	250	250	250	300	300	300	550

		FY	2012			FY 2	2013			FY 2	2014			FY :	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs	850	850	850	850	1000	1000	1000	1000	1000	1000	885	451						14286
Outputs																		

METHOD OF IMPLEMENTATION:

Depot/Contractor

ADMINISTRATIVE LEADTIME:

1 months

PRODUCTION LEADTIME: 10 months

Contract Dates:

FY 2008 - Nov 07

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - Aug 08

FY 2009 -

FY 2010 -

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Date: February 2007

MODIFICATION TITLE (cont): Roll Stability [MOD 16] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

ĺ	FY 2	2006																		
	and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					984	1.0	953	1.0	1170	1.2	3331	3.6	4295	4.8	3553	4.1			14286	15.7
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					984	1.5	953	1.5	1170	1.9	3331	5.5	4295	7.2	3553	6.2			14286	23.8
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	984	1.5	953	1.5	1170	1.9	3331	5.5	4295	7.2	3553	6.2	0	0.0	14286	23.8
Total Procurement Cost	_	0.0	_	0.0		2.5	_	2.5		3.1	_	9.1		12.0		10.3		0.0	_	39.5

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Date: Fel

February 2007

MODIFICATION TITLE: HMMWV Rear Differnetial Oil Cooler [MOD 17] 1-01-06-0008

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

DESCRIPTION / JUSTIFICATION:

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

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Level II Drawings Available - 4098

Production Award - 2Q02

Hardware Application - 4Q02 - 4Q04

1	[nsta]	П	at	int	ıS	cŀ	ned	hil	le

	Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	4216																				
Outputs	4216																				

		FY 2	2012			FY 2	2013			FY :	2014			FY :	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		4216
Outputs																		4216

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

Contract Dates: FY 2008 - FY 2009 - FY 2010 -

Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

Date: February 2007

MODIFICATION TITLE (cont): HMMWV Rear Differnetial Oil Cooler [MOD 17] 1-01-06-0008

FINANCIAL PLAN: (\$ in Millions)

	FY 2	006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	4216	4.7																	4216	4.7
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	4216	0.9																	4216	0.9
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	4216	0.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4216	0.9
Total Procurement Cost		5.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		5.6

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Date:

February 2007

MODIFICATION TITLE: Construction Equipment Armor Kits [MOD 18] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Dozers, Excavators, Cranes, Loaders, Scrapers, Graders, Rollers, Compactors, & Fork Lifts

DESCRIPTION / JUSTIFICATION:

An urgent and validated requirement exists for 416 Add on Armor kits for Construction and Material Handling Equipment (Dozers, Excavators, Cranes, Loaders, Scrapers, Graders, Rollers, Compactors, Fork Lifts [i.e., All Terrain Lifting Army System], etc.) in Southwest Asia (SWA) in support of Global War On Terrorism (GWOT) operations.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Approved Operational Need Statements (ONS) from Multi-National Corps, Iraq (MNCI) (Jun and Sep 05) and Combined Joint Task Force (CJTF-76)(Sep and Oct 05) is for a total of 416 pieces of Construction and Material Handling Equipment. Four contract actions are in place to meet this requirement which began in Sep 05 with an estimated completion by Sep 06: 1) Sole Source Contract to Caterpillar, Inc. for the Deployable Universal Combat Earthmover (DEUCE); 2) Limited Competitive Procurements awarded to American Defense Systems, Inc. (ADSI) and Caterpillar for the D7G Dozer; 3) Competitive Procurement for Graders, 2.5 CY Loaders, Scrapers, Vibratory Rollers, High-speed Compactors, and 7.5 Ton Cranes awarded to ADSI; and 4) U.S. Army Tank Automotive Research Development & Engineering Center (TARDEC) effort on Interim-High Mobility Engineer Excavators (IHMEE), ATLAS, Hydraulic Excavators (HYEX), 22.5 Ton Cranes, and 5.0 CY Loaders.

Installation Schedule																					
	Pr Yr		FY	2007			FY 2	2008			FY	2009			FY :	2010			FY 2	2011	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	416																				
Outputs	416																				

		FY	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		416
Outputs																		416

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months

Contract Dates: FY 2008 - FY 2009 - FY 2010
Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

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Date: February 2007

MODIFICATION TITLE (cont): Construction Equipment Armor Kits [MOD 18] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	006																		
[and F	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	416																		416	
Installation Kits		31.6																		31.6
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	416	30.4																	416	30.4
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	416	30.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	416	30.4
Total Procurement Cost		62.0	_	0.0	_	0.0		0.0	_	0.0	_	0.0	_	0.0		0.0		0.0	_	62.0

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Date:

February 2007

MODIFICATION TITLE: HMMWV Enhanced GPK [MOD 19] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Armored Vehicles - M1114 Up-Armored HMMWV (UAH) & M1151

DESCRIPTION / JUSTIFICATION:

Enhanced Gunner Protection Kit (GPK) provides increased protection and enhanced situational awareness to the gunner. Enhancements include addition of transparent armor to the gun shield and GPK to improve situational awareness.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Collaborative design with ARDEC, PM-CSW and PM-TV (Gov't TDP); APG test began 30 Mar 06 and ballistic testing on 20 Apr 06.

TDP provided to Industrial Base Organization (IBO, formally GSIE) for production prototypes, IBO is the prime manufacturer; 8-10 weeks lead time from final design freeze to initial production. RIA and WVA ramp up to 1500 per month after production start.

Installation Schedule

	Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
inputs		4659	4659	4660	4660																
Outputs			4913	4914	4914																

			FY	2012			FY	2013			FY 2	2014			FY 2	2015		То	Totals
ı		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
	Inputs																		18638
	Outputs																		14741

METHOD OF IMPLEMENTATION: Other ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months Contract Dates: FY 2008 - FY 2009 - FY 2010 -

Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

Date:

February 2007

MODIFICATION TITLE (cont): HMMWV Enhanced GPK [MOD 19] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	C	Tot	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement			18638	78.4															18638	78.4
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits			14741	7.6															14741	7.6
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	14741	7.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	14741	7.6
Total Procurement Cost		0.0		86.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		86.0

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Date:

February 2007

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

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

DESCRIPTION / JUSTIFICATION:

An urgent and validated requirement exists for 6948 add on armor kits for Heavy Tactical Trucks (HEMTT, PLS, HET, M915 and M969 Trailer) in SWA in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). Total requirement to date has been fully funded.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Nov 03: Responding to urgent need from SWA, Oshkosh Truck Corp (OTC) reviewed previously developed armor kits.

Dec 03: OTC received requirement for 4511 kits.

Dec 03-present: Over 3803 kits have been developed, produced and shipped to SWA.

T	netal	lation	Scheo	hule
1	nstai	iauon	DUILL	ıuıc

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
6948																				
6948																				

		FY	2012			FY 2	2013			FY	2014			FY	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		6948
Outputs																		6948

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates: Delivery Dates: FY 2008 -FY 2008 - FY 2009 -FY 2009 - FY 2010 -FY 2010 -

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Date: February 2007

Exhibit P-3A Individual Modification

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	C	Tot	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement	6948	347.8																	6948	347.8
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	6948	111.8																	6948	111.8
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	6948	111.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6948	111.8
Total Procurement Cost		459.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		459.6

INDIVIDUAL MODIFICATION	Date:	February 2007

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

MODELS OF SYSTEM AFFECTED: Multiple Vehicle Systems (M967/M969, M1062, M978, and M915)

DESCRIPTION / JUSTIFICATION:

Urgent requriements to test and install ballistic protection Fuel Tank Self-Sealing System (FTSS) and add-on-armor panels for M967 and M969 5000 gallon fuel tankers, M1062 7500 gallon fuel tankers, M978 2500 gallon fuel tankers, and the M915 FOV saddle tanks to prevent fuel leakage when hit by small arms fire in Iraq and Kuwait.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Protection for M967 and M969 5000 gallon fuel tankers, M1062 7500 gallon fuel tankers, M978 2500 gallon fuel tankers, and the M915 FOV saddle tanks fuel tankers have or are in the process of being tested at ATC. Funding for effort to apply ballistic protection to fuel tankers in Iraq and Kuwait began in Jan 05 and continues as requirements grow. Contract dates, contractors and installation schedules differ for each vehicle system and availability of assets in theater.

Installation Schedule	•																								
		Pr Yr			FY	2007				FY 2	800				FY 2	2009			F	Y 2010			FY	2011	
		Totals		1	2	3	4	1	1	2	3	4		1	2	3	4	1	2	3	4	1	2	3	4
Inputs																									
Outputs																									
									•							•				•	•	•	•	•	
		FY	2012				FY 2	2013				FY 20)14				FY 20	15				To			Totals
	1	2	3	4		1	2	3	4	1		2	3	4		1	2	3	4		Co	mplete			
Inputs																									
Outputs																									
METHOD OF IMPI	EMENT	ATION:		•		A	DMIN	ISTRA	TIVE L	EADTI	ME:	0) month	S	•	PR	ODUC	TION LE	EADTIM	E: 0 mc	onths				
Contract Dates:			FY	Y 2008	-							F	Y 2009) -						FY 2010	-				

Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

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INDIVIDUAL MODIFICATION Date: February 2007

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

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and l	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	T	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity		73.0																		73
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other		7.5																		7
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0
Total Procurement Cost	_	80.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		80.

Date:

February 2007

MODIFICATION TITLE: Tactical Vehicles Safety Enhancements [MOD 22] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Tactical Vehicles

DESCRIPTION / JUSTIFICATION:

In response to an urgent need statement from United States Army Forces Central Command (USARCENT), Vehicle Intercom Communication (VIC-3) systems are being fielded to decrease injuries and deaths to soldiers by allowing the driver to communicate to a standing gunner. It will be applied to all tactical vehicles capable of mounting a crew served weapon. In an effort to improve seat restraint usage on M1114 Up-Armored (UAH) High Mobility Multi-Purpose Wheeled Vehicle (HMMWV), M998 and M1025/M1026 HMMWVs with Add on Armor, improved seat restraints are being developed that will offer easier egress in full gear. To encounter the threat of blast events and secondary fires, an Automatic Fire Extinguishing System will be incorporated into several tactical vehicle types, with the initial capability being applied to the M1114 UAH. Kits are being developed for new production and field installation. Gunner ejections through various causes have resulted in a high percentage of casualties. As a reult, a Gunner's Restraint System is being developed which would prevent the gunner from being thrown from the vehicle. The initial focus is on the M1114 UAH, with application possible for all tactical vehicles equipped with gunner's platforms. The Single Movement Combat Lock/UAH Egress system was developed in response to theater requirements for a faster and less complex way of egressing the M1114 UAH, especially in combat situations or after a roll-over. The current configuration requires separate operations to open the vehicle and the external blast locks. The new design opens both locks with one mechanism in a single, simple motion.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

VIC-3 contracts were awarded in April and August 2005, and hardware delivery to theater began in early August 2005. Two developmental contracts, one small quantity purchase contract, and an urgent requirements contract were awarded for the Improved Seat Restraint effort. 12,194 seat restraints are for new production vehicles and current fleet. Hardware deliveries begin in January 2006. Contracts have been awarded for 4,839 Automatic Fire Extinguishing Systems. Initial testing is complete, first article testing begins in January 2006. In January 2006, installation has begun to theater, and deliveries of the 4,139 are scheduled to begin in April 2006. A contract for the Single Movement Combat Lock was awarded in August 2005. Field retrofit installation began in September 2005, and were cut into new production vehicles in Novomber 2005. A production contract for Gunner's Restraint System for the M1114 was awarded November 2005. Installation has begun in Theater and will continue through May 2006.

Installation Schedule																										
		Pr Yr			FY 2	2007				FY 200)8				FY 20)09				FY 2	2010			FY	2011	
	,	Totals		1	2	3	4	1		2	3	4	1		2	3	4	1	1	2	3	4	1	2	3	4
Inputs		592	238 2	639	2485	2485	2485																			
Outputs																										
			•	•				•	•					•	•											
		FY 2	012				FY 20	13			j	FY 20	14				FY 20)15					То			Totals
	1	2	3	4	1	1	2	3	4	1	2		3	4	1	2	2	3	4			Co	mplete			
Inputs																										69332
Outputs																										
METHOD OF IMPLE	EMENTA	ATION:			•	AD	MINIS	TRAT	IVE LE	ADTIM	E:	0	month	S		PRO	ODUC	TION I	LEAD 7	ГІМЕ:	0 moi	nths				
Contract Dates:									F	Y 2009	-						F	Y 2010 -								
Delivery Dates:	livery Dates: FY 2008 -											F	Y 2009	-						F	Y 2010 -	-				

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Individual Modification

Date: Fel

February 2007

MODIFICATION TITLE (cont): Tactical Vehicles Safety Enhancements [MOD 22] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and	Prior	20	007	20	008	20	09	20	10	20	11	20	12	20	13	T	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement	69332	254.7																	69332	254.
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		254.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		254.

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Date:

February 2007

MODIFICATION TITLE: Collision Avoidance [MOD 23] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: M915 Line Haul, HET, PLS, M1088 (FMTV Line Haul) and M916 LET

DESCRIPTION / JUSTIFICATION:

Uses radar to determine following distance and closing rate with any vehicle ahead. An onboard computer processes the information, compares it with vehicle speed, and issues an alert to the driver. Either warning lights flash, buzzers buzz, or both. Will be employed on M915 Line Haul, HET, PLS, M1088 (FMTV Line Haul) and M916 LET.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

VORAD System in production on Freightliner M915/M916 FOV. NRE required for sensor and display unit installation details, integration and field installable kit development. ECP developed for HEMTT, HET, and PLS projects \$250K NRE per system and a production cost of \$3000 per vehicle. Quantity estimates were based on initial projections for kit development and installation on HET, PLS and M1088 FMTV. Installation cost projected at \$900 per vehicle.

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Inc	гат	ино	n Sci	ายด	111	Œ

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
							100	100	100	100	160	160	160	160	190	190	190	200	115	115

Inputs Outputs

Inputs Outputs

Totals	То		2015	FY 2			2014	FY			2013	FY 2			2012	FY	
	Complete	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1
4060								275	275	275	275	180	170	170	170	115	115

METHOD OF IMPLEMENTATION:

contractor/depot

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates: Delivery Dates: FY 2008 -FY 2008 -

FY 2009 -FY 2009 - FY 2010 -FY 2010 -

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Date: F

February 2007

MODIFICATION TITLE (cont): Collision Avoidance [MOD 23] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					400	1.2	640	1.9	770	2.3	460	1.4	690	2.0	1100	3.3			4060	12.1
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders					3	0.8													3	0.8
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					400	0.4													400	0.4
FY 2009 Equip Kits							640	0.6											640	0.6
FY 2010 Equip Kits									770	0.7									770	0.7
FY 2011 Equip Kits											460	0.4							460	0.4
FY 2012 Equip Kits													690	0.7					690	0.7
FY 2013 Equip Kits															1100	1.0			1100	1.0
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	400	0.4	640	0.6	770	0.7	460	0.4	690	0.7	1100	1.0	0	0.0	4060	3.8
Total Procurement Cost		0.0	_	0.0		2.4		2.5	_	3.0		1.8		2.7		4.3		0.0		16.7

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Date:

February 2007

MODIFICATION TITLE: HMMWV FRAG Kit #5 (Door) [MOD 24] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Armored Vehicles - M1114 Up-Armored HMMWV (UAH) & M1151

DESCRIPTION / JUSTIFICATION:

Fragmentation (FRAG) kit #5 provides increased protection to the doors. Enhancements include thicker transparent and opaque armor and improved hinges and latching mechanisms. The new material solution for door minimizes spall and debris entering the crew compartment upon overmatch.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Interim solution - ATC design, RHA applique, funded \$10M to GSIE for 5500 vehicle sets; AEC Safety Confirmation released 5 Apr 06; 250 panel sets per week rate; distribution per MNCI/CFLCC prioritization. Production completed of 5500 on 31 Aug 06.

Objective Solution- Design: Opaque armor- Ballistic Aluminum + RHA; Enhanced exterior mounted Transparent Armor; Robust door cam latch and upgraded hinges to accommodate weight; Protection area equivalent or better than Interim FRAG kit #5; test prototypes on 1 May 06. Production: M1114 & M1151 new vehicle production cut-in started in Oct 06; initial field kit production began in Oct 06.

Installation Schedule

	Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
•	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	5300	3274	3274	3274																	
Outputs	5300		6961	180																	1

		FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																	7897	23019
Outputs																	7897	20338

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METHOD OF IMPLEMENTATION: Other ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months Contract Dates: FY 2008 - FY 2010 -

Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

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Date: February 2007

MODIFICATION TITLE (cont): HMMWV FRAG Kit #5 (Door) [MOD 24] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and l	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	013	Т	С	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement	5300	50.0	4522	123.0															9822	173.0
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits			2705	5.0															2705	5.0
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	2705	5.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.	0 0	0.0	2705	5.0
Total Procurement Cost		50.0		128.0		0.0		0.0		0.0		0.0		0.0		0.	0	0.0		178.0

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Date:

February 2007

MODIFICATION TITLE: HMMWV Armor Kits [MOD 25] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: All HMMWVs except M1114s

DESCRIPTION / JUSTIFICATION:

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

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Nov 03: Responding to urgent need from SWA, Army Research Lab designed HMMWV armor kit.

Dec 03: Ground Systems Industrial Enterprise (GSIE) received requirement for 3670 kits.

Dec 03- present: over 10,000 kits produced and shipped to SWA.

1	Instal	IIa	tio	2 50	he	dui	16

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY :	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
13872																				
13872																				

		FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		13872
Outputs																		13872

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 0 months

Contract Dates: FY 2008 - FY 2009 - FY 2010
Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 14 Page 54 of 69 218

Date:

February 2007

MODIFICATION TITLE (cont): HMMWV Armor Kits [MOD 25] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and l	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement	13872	249.1																	13872	249.1
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	13872	134.1																	13872	134.1
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	13872	134.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13872	134.1
Total Procurement Cost		383.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		383.2

Item No. 14 Page 55 of 69 219

Date:

February 2007

MODIFICATION TITLE: Medium Truck Armor Kits [MOD 26] 0-00-00-0000

MODELS OF SYSTEM AFFECTED:

DESCRIPTION / JUSTIFICATION:

An urgent and validated requirement exists for 3890 Family of Medium Tactical Vehicles (FMTV_ Armor Kits and 3000 M939 5-Ton trucks Add on Armor (AoA) kits in SWA in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). These kits include 1855 AoA Crew Protection Kits (CPKs), 2035 Low Signature Armored Cabs (LSAC), armored doors with ballistic windows, windshields and air conditioning.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

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

Initial design of the LSAC started Jun 04, final design complete Oct 04. The LSACs were tested and obtained safety confirmation in Oct 04. Production commenced Nov 04 and first cab installed Jan 05.

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

'n	Insta	11			a	- 1	- 1		
	insta	11	ап	OT	1.7	cт	1ea	ш	æ

Inputs Outputs

Inputs Outputs

	Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Ī	6881																				1
Ī	6881																				

					1												
Totals	То		2015	FY :			2014	FY			2013	FY:			2012	FY 2	
1	Complete	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1
6881																	
6881																	

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 14 Page 56 of 69 220

Date:

February 2007

MODIFICATION TITLE (cont): Medium Truck Armor Kits [MOD 26] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	6881	637.2																	6881	637.2
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits	6881																		6881	
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	6881	0.0	0	0.0	0		0	0.0	0	0.0		0.0	0	0.0	0	0.0	0	0.0	6881	0.0
Total Procurement Cost		637.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		637.2

Item No. 14 Page 57 of 69 221

						INDIVID	UAL M	AODIFIC	ATION								Date:	Februar	y 2007			
MODIFICATION	TITLE: HM	MWV E	CM Con	version [MOD 27	7] 0-00-00	-0000															
MODELS OF SY	STEM AFFI	ECTED: 1	HMMWV	/ Models	S																	
DESCRIPTION / Funds were pro			FF acco	ount fo	r the co	onversio	n of no	on-tactio	cal vehi	cle mou	ınted ra	ıdio-coı	ntrolled	jamme	rs syste	ms to th	e HMMV	WV for	the IED	Task F	Force.	
DEVELOPMENT N/A	STATUS /	MAJOR	DEVELO)PMENT	Γ MILES	STONE(S)):															
Installation Sched	ule																					
		Pr Yr			FY 200	7			FY 2008	3			FY 2009			F	Y 2010			FY :	2011	
	,	Totals		1	2	3	4	1	2	3	4	1	2	3	4 1	. 2	3	4	1	2	3	4
Inputs																						
Outputs																						
		FV '	2012			FV	2013			FV '	2014			FV	2015				То			Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		Co	mplete			Totals
Inputs									-	_			-	_		•			Inpiete			
Outputs																						
METHOD OF IM	PLEMENTA	ATION:		ı		ADMIN	ISTRA	TIVE LE.	ADTIME	:	0 month	ıs		PRODU	CTION I	EADTIM	E: 0 mo	nths	ı			
			FY	2008 -							FY 200	9 -					FY 2010	-				
Contract Dates:				2008 -							FY 200	n.					FY 2010					

INDIVIDUAL MODIFICATION Date: February 2007

MODIFICATION TITLE (cont): HMMWV ECM Conversion [MOD 27] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and	Prior	20	007	20	800	20	09	20	10	20)11	20	12	20	13	Т	С	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement		0.8																		0.
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.

FY 2012																									
MODIFICATION TITLE: Tactical Vehicle Armor Installation [MOD 28] 0-00-00-0000 MODELS OF SYSTEM AFFECTED: Various Tactical Trucks MODELS OF SYSTEM AFFECTED: Various Tactical Trucks An urgent and validated requirement exists for the installation of armor kits on all the tactical wheeled vehicles in SWA in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) . DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S): Installation Schedule Pr Yr																									
MODELS OF SYSTEM AFFECTED: Various Tactical Trucks							INDIVI	DUAL M	IODIFIC	ATION									Г	Date:	Februar	y 2007			
Pr Yr	MODIFICATION T	ITLE: Tac	ctical Veh	icle Arm	nor Instal	lation [N	1OD 28]	0-00-00-0	0000																
Pr Yr	MODEL G OF GUGT	EN A PER	-COTED 1		n .: 10																				
An urgent and validated requirement exists for the installation of armor kits on all the tactical wheeled vehicles in SWA in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) . DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):	MODELS OF SYST	EM AFFI	ECTED: \	V arious 1	l'actical 'I	Trucks																			
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S): Installation Schedule	DESCRIPTION / JU	STIFICA	TION:																						
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S): Installation Schedule Pr Yr					xists fo	r the in	stallati	on of ar	mor kit	s on all	the tac	ctical v	wheele	d veh	icles i	n SWA	A in su	ippor	t of O	peratio	n Iraqi 🛚	Freedor	n (OIF)	and	
Installation Schedule Pr Yr	Operation Endur	ing Free	edom (C	DEF).																					
Installation Schedule Pr Yr																									
Pr Yr FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Totals 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEVELOPMENT S	TATUS /	MAJOR	DEVELO	OPMEN'	Γ MILES	STONE(S	5):																	
Pr Yr FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Totals 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																									
Pr Yr FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Totals 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Installation Schedule	<u> </u>																							
Totals 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	msumumon Schedure		Pr Yr			FY 200	7			FY 2008				FY	2009				FY	2010			FY	2011	
FY 2012					1			4	1			4	1			4		1		1	4	1	1	1	4
FY 2012	Inputs					_																			
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 Complete Inputs	Outputs																								
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 Complete Inputs	•			<u> </u>	<u> </u>					I	<u> </u>	<u> </u>			1								<u> </u>		1
Inputs Outputs METHOD OF IMPLEMENTATION: Contract Dates: FY 2008 - ADMINISTRATIVE LEADTIME: O months FY 2009 - FY 2010 -			FY 2	2012			FY	2013			FY	2014				FY 2	015					To			Totals
Outputs METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months FY 2009 - FY 2010 -		1	2	3	4	1	2	3	4	1	2	3	4		1	2	3	4			Co	mplete			
METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months Contract Dates: FY 2008 - FY 2009 - FY 2010 -	Inputs																								
Contract Dates: FY 2008 - FY 2009 - FY 2010 -	Outputs																								
	METHOD OF IMPL	EMENTA	ATION:				ADMI	NISTRAT	TIVE LEA	ADTIME:		0 mon	nths		P	RODU	CTION	LEAD	TIME:	0 mor	nths				
Delivery Dates: FY 2008 - FY 2009 - FY 2010 -	Contract Dates:			FY	2008 -							FY 20	009 -						F	Y 2010 -					
	Delivery Dates:			FY	2008 -							FY 20	009 -						F	Y 2010 -					

Date: February 2007

MODIFICATION TITLE (cont): Tactical Vehicle Armor Installation [MOD 28] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	С	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits		204.1																		204.1
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	204.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	204.1
Total Procurement Cost		204.1		0.0		0.0		0.0		0.0		0.0	_	0.0		0.0		0.0		204.1

INDIVII	TAIL	MODIFIC	MOITA

Date:

February 2007

MODIFICATION TITLE: Driver Vision Enhancement Systems [MOD 29] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: All Tactical Vehciles

DESCRIPTION / JUSTIFICATION:

Integrate and install Driver Vision Enhancement System on Tactical Vehicles

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
							151	151	151	151	151	151	151	154	151	151	151	154	151	151

		FY	2012			FY 2	2013			FY	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs	151	154	151	151	151	154	123	122	122	122								3521
Outputs																		

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Date: February 2007

MODIFICATION TITLE (cont): Driver Vision Enhancement Systems [MOD 29] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	201	11	20	12	20	13	Т	C	To	al
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	6.0	607	6.1	607	6.1	607	6.1	1093	10.9					3518	35.2
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					604	0.3													604	0.3
FY 2009 Equip Kits							607	0.3											607	0.3
FY 2010 Equip Kits									607	0.3									607	0.3
FY 2011 Equip Kits											607	0.3							607	0.3
FY 2012 Equip Kits													1093	0.5					1093	0.5
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	607	0.3	607	0.3	607	0.3	1093	0.5	0	0.0	0	0.0	3518	1.7
Total Procurement Cost		0.0	_	0.0		6.3		6.4	_	6.4		6.4		11.4	_	0.0		0.0	_	36.9

Date:

February 2007

MODIFICATION TITLE: Air Conditioning [MOD 30] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Tactical Vehicles

DESCRIPTION / JUSTIFICATION:

Integrate and install Air Conditioning on fielded tactical vehicles.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Fully Developed

Installation Schedule

Inputs Outputs
Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
							151	151	151	151	151	151	151	154	151	151	151	154	151	151

•		FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs	151	154	151	151	151	154	123	122	122	122								3521
Outputs																		

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION Date:

MODIFICATION TITLE (cont): Air Conditioning [MOD 30] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	С	Tot	al
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	2.7	607	2.7	607	2.7	607	2.7	1096	4.9					3521	15.7
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					604	0.3													604	0.3
FY 2009 Equip Kits							607	0.3											607	0.3
FY 2010 Equip Kits									607	0.3									607	0.3
FY 2011 Equip Kits											607	0.3							607	0.3
FY 2012 Equip Kits													1096	0.5					1096	0.5
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	607	0.3	607	0.3	607	0.3	1096	0.5	0	0.0	0	0.0	3521	1.7
Total Procurement Cost		0.0		0.0		3.0		3.0		3.0	_	3.0	_	5.4		0.0		0.0		17.4

February 2007

Date:

February 2007

MODIFICATION TITLE: Vehicle Computer System [MOD 31] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Tactical Vehicles

DESCRIPTION / JUSTIFICATION:

Integrate and install Vehicle Computer System on Tactical Vehicles.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Integration required. Vehicle Computer System defined and selected.

Installation Schedule

	Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs								151	151	151	151	151	151	151	154	151	151	151	154	151	151
Outputs																					

		FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs	151	154	151	151	151	154	123	122	122	122								3521
Outputs																		

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Date: February 2007

MODIFICATION TITLE (cont): Vehicle Computer System [MOD 31] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and l	Prior	20	07	20	08	200	09	20	10	20	11	20	12	20	13	TO		To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	2.7	607	2.7	607	2.7	607	2.7	1096	4.9					3521	15.7
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					604	0.3													604	0.3
FY 2009 Equip Kits							607	0.3											607	0.3
FY 2010 Equip Kits									607	0.3									607	0.3
FY 2011 Equip Kits											607	0.3							607	0.3
FY 2012 Equip Kits													1096	0.5					1096	0.5
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	607	0.3	607	0.3	607	0.3	1096	0.5	0	0.0	0	0.0	3521	1.7
Total Procurement Cost		0.0		0.0		3.0		3.0		3.0		3.0		5.4		0.0		0.0		17.4

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Date:

February 2007

MODIFICATION TITLE: Vehicle Intercrew Communications [MOD 32] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Tactical Vehicles

DESCRIPTION / JUSTIFICATION:

Integrate and install vehicle intercrew communications on tactical vehicles.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Fully developed, integration required.

Installation Schedule

Inputs Outputs
Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
							151	151	151	151	151	151	151	154	151	151	151	154	151	151

		FY	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs	151	154	151	151	151	154	123	122	122	122								3521
Outputs																		

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Date: February 2007

MODIFICATION TITLE (cont): Vehicle Intercrew Communications [MOD 32] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	9.1	607	9.3	607	9.1	607	9.2	1096	16.7					3521	53.4
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders						0.1														0.1
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					604	0.3													604	0.3
FY 2009 Equip Kits							607	0.3											607	0.3
FY 2010 Equip Kits									607	0.3									607	0.3
FY 2011 Equip Kits											607	0.3							607	0.3
FY 2012 Equip Kits													1096	0.5					1096	0.5
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	607	0.3	607	0.3	607	0.3	1096	0.5	0	0.0	0	0.0	3521	1.7
Total Procurement Cost		0.0		0.0		9.5		9.6		9.4		9.5		17.2		0.0		0.0		55.2

Item No. 14 Page 69 of 69Exhibit P-3A233Individual Modification

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		eles			P-1 Item No	omenclature EMS LESS THAN	\$5.0M (TAC VE	H) (DL5110)			
Program Elements for Code B Items:		Code:	A	Other Related Pr	ogram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	74.9	0.4	12	4	0.5	0.3		0.3	0.3		89.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	74.9	0.4	12	4	0.5	0.3		0.3	0.3		89.1
Initial Spares											
Total Proc Cost	74.9	0.4	12	4	0.5	0.3		0.3	0.3		89.1
Flyaway U/C											
Weapon System Proc U/C											

This equipment consists of various tools essential to the maintenance of the Army's Worldwide Tactical Wheeled Vehicle Fleet. These sets include components as small as a screwdriver to as large as an Automotive Work Table and Maintenance Stand. The maintenance equipment and tools have multi-application to the maintenance organization tasked with maintaining tactical and support vehicles.

The Sets Kits and Outfits (SKOs) support Army maintenance, specifically Fuel and Electric Repair Shop Sets and the Automotive Field Maintenance Supplement #2 Tool Set. These sets of tools are used for highly specialized applications in the area of aircraft maintenance as well as automotive maintenance and repair. They are virtually in constant use. These SKOs are essential for units to properly maintain equipment and perform the mandatory maintenance operations which maintain the readiness of weapons systems. Without these SKOs, soldiers are unable to properly and adequately maintain vehicles and systems. Inadequately maintained systems may not perform properly, which can affect safety and put warfighter lives at risk. Lack of funding has caused Commanders to be forced to use antiquated tools or to substitute non-standard tools, that have not been tested, do not support modularity, and which may themselves be unsafe for use. Army modularity requires reliable systems that support soldier safety, supportability, and mobility requirements. SKOs are systems which require continuous review, revision, and upgrades to support modularity requirements.

Justification:

FY09 Procures 3 Shop Equipment Electric Component Repairs and 6 Auto Sustainment and Maintenance Shop Equipment. The maintenance equipment is essential for units to properly maintain equipment and perform the mandatory maintenance operations which maintain the readiness of weapons systems. This equipment allows soldiers to properly and adequately maintain vehicles and systems. Maintained systems perform properly, improve safety and reduces the risk to the warfighter. Army modularity requires reliable systems that support soldier safety, supportability, and mobility requirements. SKOs are systems which require continuous review, revision, and upgrades to support modularity requirements.

FY07 totals include supplemental funds of \$8.0 million to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ar					menclature: AN \$5.0M (TAC	VEH) (DL5110)		Weapon Syste	m Type:	Date:	February 2007
OPA1	ID		FY 06		•	FY 07			FY 08	•		FY 09	
Cost Elements	CD	\$000 Units \$000			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. Shop Equipment Elec Component Rpr		45	3	15							5	9 3	20
2. Auto Sustainment and Maintenance SE		307	4	77	152	2	76				44	3 6	74
3. Air Compressors					2230	422	5						
4. Radiator Test &Repair Shop Equip					83	4	21						
5. Machinist Measuring Tool Set					5	6							
6. Spare Part Storage Field Shop Set					4664	530	9						
7. Program Support		6			866						1:	3	
8. Light Weight Utility Vehicles					4382								
Total:		358			12382						51:	5	

Exhibit P-5a, Budget Procuremen	t History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: THAN \$5.0M (TAC VEH) (D	L5110)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Shop Equipment Elec Component Rpr										
FY 2006	Snap-On Industrial Crystal Lake, IL	C/FFP	TACOM, Rock Island, IL	Apr 06	Sep 06	3	15	Y	N	
FY 2009	Snap-On Industrial Crystal Lake, IL	C/FFP	TACOM, Rock Island, IL	Apr 09	Sep 09	3	20	Y	N	
2. Auto Sustainment and Maintenance SE										
FY 2006	Kipper Gainesville, GA	C/FFP	TACOM, Rock Island, IL	Apr 06	Sep 06	4	77	Y	N	
FY 2007	Kipper Gainesville, GA	C/FFP	TACOM, Rock Island, IL	Apr 07	Sep 07	2	76	Y	N	
FY 2009	Kipper Gainesville, GA	C/FFP	TACOM, Rock Island, IL	Apr 09	Sep 09	6	74	Y	N	
3. Air Compressors										
FY 2007	TBD	C/FFP	TACOM, Rock Island, IL	Apr 07	Aug 07	422	5	Y	N	
4. Radiator Test &Repair Shop Equip										
FY 2007	Sierra Army Depot Herlong, CA	SS/FFP	TACOM, Rock Island, IL	Dec 06	Apr 07	4	21	Y	N	
5. Machinist Measuring Tool Set										
FY 2007	Kipper Gainesville, GA	C/FFP 2/5	TACOM, Rock Island, IL	Nov 06	Mar 07	6		Y	N	
6. Spare Part Storage Field Shop Set										
FY 2007	Sierra Army Depot Herlong, CA	SS/FFP	TACOM, Rock Island, IL	Dec 06	Apr 07	530	9	Y	N	
8. Light Weight Utility Vehicles										
FY 2007	TBS									

REMARKS:

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:			
					1				Fe	ebruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		eles			P-1 Item No	omenclature OWING DEVICE-	FIFTH WHEEL (I	009900)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	95	60		55 17							227
Gross Cost	3.9	2.8	2	2.9 0.9							10.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3.9	2.8	2	2.9 0.9							10.5
Initial Spares											
Total Proc Cost	3.9	2.8	2	2.9 0.9							10.5
Flyaway U/C											
Weapon System Proc U/C											
Description: The Fifth Wheel Towing Device (FWT) vehicle capable of recovery, lift-towing											

Justification:

FY08 procures 17 FWTDs which are used to perform forward recovery missions in the Ordnance, Transportation, and Engineer Units, and is a critical supplement to organic evacuation and towing assets.

recover vehicles without the use of a wrecker, especially in Line Haul missions. It provides worldwide service to evacuate, tow, and deliver, and has limited recovery capability. When the FWTD is

FY07 total includes supplemental funding of \$174 thousand to support the global war in terrorism (GWOT).

not in use, it can be dismounted and the tractor can perform its normal trailer-towing mission.

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

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		eles			P-1 Item No	omenclature EAVY ARMORED	SEDAN (D22100))			
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Element	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	118	14		3 3	3	4	4	4	4		157
Gross Cost	17.8	2.3	C	.6 0.6	0.6	0.8	0.8	0.8	0.5		24.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	17.8	2.3	0	.6 0.6	0.6	0.8	0.8	0.8	0.5		24.8
Initial Spares											
Total Proc Cost	17.8	2.3	0	.6 0.6	0.6	0.8	0.8	0.8	0.5		24.8
Flyaway U/C											
Weapon System Proc U/C	0.2	0.2	0	.2 0.2	0.2	0.2	0.2	0.2	0.1		1.7

These physical security vehicles are specialized commercial design vehicles that are armored to meet specific threat conditions within the guidelines/requirements established by the Office of the Secretary of Defense, Special Operations and Low Intensity Conflict (SOLIC) for Heavy Armored Vehicles (HAV). These vehicles provide inconspicuous protection and transportation for U.S. personnel and cargo in high threat areas, such as Europe, Korea, and Southwest Asia. The level of armor is in accordance with the nature and type of threat in the area of use. These vehicles are heavy duty passenger vehicles and are utilized by General Officers, dignitaries, embassy personnel, and other servicemen requiring protection. These vehicles are essential for protecting lives.

Justification:

FY08/09 procures six Heavy Armored Vehicles to fill urgent requirements for the protection of personnel performing support missions within areas of threat. Replacement requirements exist in Europe and Korea. These vehicles are also being utilized to support operations in Southwest Asia (e.g. Kuwait, Saudi Arabia, Qatar, Afghanistan, and Iraq). There is a continuous and high demand for these vehicles in Iraq.

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Exhibit P-40

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		eles			P-1 Item No	omenclature ASSENGER CARR	YING VEHICLES	S (D23000)			
Program Elements for Code B Items:		Code:	Α (Other Related Pro	ogram Element	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	67540	11	Ţ	18 8	8	8	8	7	7		67615
Gross Cost	261.5	0.9	0	0.6	0.3	0.3	0.3	0.2	0.2		264.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	261.5	0.9	0	0.6	0.3	0.3	0.3	0.2	0.2		264.6
Initial Spares											
Total Proc Cost	261.5	0.9	0	0.3	0.3	0.3	0.3	0.2	0.2		264.6
Flyaway U/C											
Weapon System Proc U/C	0.2	0.2	0	0.0	0.0	0.0	0.0	0.0	0.0		0.6

Vehicles are of commercial design, intended to provide transportation for Army personnel and family members. Passenger Carrying Vehicles are procurable from commercial vendors, Original Equipment Manufacturers (OEM), and after-market sources. Examples include sedans, ambulances, buses, station wagons, and hearses. Sedans are used for investigation, field intelligence, and security. Ambulances are essential and life saving vehicles. Light Armored Vehicles (LAV) are specialized commercial vehicles which include sedans, sport utility vehicles, vans, and cargo trucks. LAVs are used to provide inconspicuous protection for high level personnel who might be seen as terrorist targets.

Justification:

FY08/09 procures sixteen Passenger Carrying Vehicles. These vehicles are needed to fill shortages and replace overaged vehicles located primarily at Outside Continental United States (OCONUS) activities, including covert activities. The General Services Administration (GSA) does not lease vehicles to many OCONUS locations. LAVs are being used to support operations in Southwest Asia (e.g. Kuwait, Saudi Arabia, Qatar, Afghanistan, and Iraq) and are also used in South America and Korea.

Exhibit P-40, Budget Item .	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic	l No: al and support vehic	·les			P-1 Item No	menclature onTactical Vehicles	, Other (D30000)				
Program Elements for Code B Items:		Code:	Α (Other Related Pro	ogram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	64155	37	4	44	43	42	42	42	44		64497
Gross Cost	686.2	19.1	3	.5 3.4	3.4	3.2	3.2	3.2	3.5		728.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	686.2	19.1	3	.5 3.4	3.4	3.2	3.2	3.2	3.5		728.6
Initial Spares											
Total Proc Cost	686.2	19.1	3	.5 3.4	3.4	3.2	3.2	3.2	3.5		728.6
Flyaway U/C											
Weapon System Proc U/C	0.0	0.5	0	.1 0.1	0.1	0.1	0.1	0.1	0.1		1.1

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

Justification:

FY08/09 procures 87 Non-Tactical Vehicles to fill shortages and replace overaged vehicles that are unsafe, over mileage, or uneconomical to repair.

FY07 total includes supplemental funding of \$5.772 million to support the global was on terrorism (GWOT)

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240 Budget Item Justification Sheet

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles			P-1 Item No	menclature MITRAILER VAI	N PERS 80 PASS	7T 2WHL (D31500	0)		
Program Elements for Code B Items:		Code	A	Other Related Pro	ogram Element	s:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	10			3 1	1						15
Gross Cost	3.0			0.8	0.3	0.1	0.1	0.1	0.1		4.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3.0			0.8	0.3	0.1	0.1	0.1	0.1		4.8
Initial Spares											
Total Proc Cost	3.0			0.8	0.3	0.1	0.1	0.1	0.1		4.8
Flyaway U/C											
Weapon System Proc U/C	0.3			0.3	0.3						1.2

This Semi-Trailer is a specially engineered/configured, commercial design vehicle that is pulled by a Tractor Truck. It is intended for the transportation of military personnel and their equipment to and from installation training sites. The Personnel Carrying Semi-Trailer Van provides a safer means to transport personnel, as well as an increased carrying capacity, when compared to the outdated Semi-Trailer Vans and Buses that are to be replaced.

Justification:

FY08/09 procures two Personnel Carrying Semi-Trailer Van. These vehicles are needed to replace overaged and unsafe Semi-Trailer Vans that are currently being used to transport military recruits and their equipment to training sites. Many of the existing vehicles are over 30 years old and are in extremely poor conditions. Total Army Acquisition Objective (AAO) is 86.

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		eles			P-1 Item No	omenclature ENERAL PURPOS	E VEHICLES (D	/0013)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	48567	36	4	41 32	32	32	32	32	32		48836
Gross Cost	384.2	19.0	1	.9 1.5	1.5	1.5	1.5	1.5	1.5		414.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	384.2	19.0	1	.9 1.5	1.5	1.5	1.5	1.5	1.5		414.2
Initial Spares											
Total Proc Cost	384.2	19.0	1	.9 1.5	1.5	1.5	1.5	1.5	1.5		414.2
Flyaway U/C											
Weapon System Proc U/C	0.0	0.5	0	.0 0.0	0.0	0.0	0.0	0.0	0.0		0.9

Vehicles are of commercial design, intended primarily for general administrative use in transporting personnel and cargo. Most vehicles are procurable from commercial production lines and include light to heavy trucks, such as carryalls, panel trucks, stake trucks, cargo trucks, trailers, semi-trailers, utility trucks, fuel servicing tankers, truck tractors, and flatbeds. Additional examples of General Purpose Vehicles include a mobile air sampling lab van, which is being used to support operations in Iraq; mobile command and control vehicles; blood mobile vehicles, which are used for collecting blood; and expandable semi-trailers used for recruiting purposes. These types of vehicles are procured from specialized vendors. FY06 includes \$18.5 million for 29 command and control vehicles.

Justification:

FY0809 procures 64 General Purpose Vehicles to replace overaged vehicles or to fill shortages. Among the vehicle types required are carryalls, stake trucks, and cargo trucks. These vehicles are needed at Outside the Continental United States (OCONUS) locations where General Services Administration (GSA) leasing is not available (e.g. Japan and Korea). Carryalls are also needed for covert OCONUS activities. Fuel servicing tanker trucks are needed for requirements not met by GSA leasing.

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Othe	priation/Budget Ac r Procurement, Ar	ctivity/Seria my / 1 / Ta	al No: ctical and support	vehicles P-1 Li	ne Item No RAL PUR	menclature: POSE VEHICLES	S (DV0013)		Weapon Syste	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Command and Control Vehicles													
Emergency Response Vehicle (ERV)		9315	21	444									
New Equipment Training for ERV		49											
Contractor Field Services Representative		432											
SUBTOTAL for ERV		9796											
InfraLynx Vehicle		2277	2	1139									
New Equipment Training for Infralynx		13											
Contractor Field Services Representative		117											
SUBTOTAL for InfraLynx		2407											
Mobile Command Center (MCC) Vehicle		2165	2	1083									
New Equipment Training for MCC		12											
Contractor Field Services Representative		111											
SUBTOTAL for MCC		2288											
Advance Liaison Vehicle (ADVON)													
Materiel to Complete ADVON		1193	3	398									
Integration of Systems		559											
Engineering Support		99											
SUBTOTAL for ADVON		1851											
Unified Command Suite (UCS) Vehicle													
Materiel to Complete UCS		1191	1	1191									
Integration of Systems		1004											
SUBTOTAL for UCS		2195											
TOTAL for Command and Control Vehicles		18537											
Other General Purpose Vehicles													
Other General Purpose Vehicles		451	7	64	1941	41	47	1500	32	47	150	32	2
Total:		18988			1941			1500			150	0	

Exhibit P-5a, Budget Procuremen	t History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: URPOSE VEHICLES (DV001	3)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Emergency Response Vehicle (ERV)										
FY 2006	Wolf Coach Inc. Auburn, MA	SS/FP	TACOM, Warren, MI	May 06	Aug 06	21	444	Yes	NA	
InfraLynx Vehicle										
FY 2006	Wolf Coach Inc. Auburn, MA	SS/FP	TACOM, Warren, MI	May 06	Aug 06	2	1139	Yes	NA	
Mobile Command Center (MCC) Vehicle										
FY 2006	Wolf Coach Inc. Auburn, MA	SS/FP	TACOM, Warren, MI	Jul 06	Dec 06	2	1083	Yes	NA	
Materiel to Complete ADVON										
FY 2006	NAWCAD St. Inigoes, MD	MIPR/FP	NAWCAD, St. Inigoes, MD	Dec 06	Jun 07	3	398	Yes	NA	
Materiel to Complete UCS										
FY 2006	NAWCAD St. Inigoes, MD	MIPR/FP	NAWCAD, St. Inigoes, MD	Feb 07	Dec 07	1	1191	No	NA	
Other General Purpose Vehicles										
FY 2006	See Remarks See Remarks	MIPR/FP	See Remarks	Sep 06	Jan 07	7	64	Yes	NA	
FY 2007	TBS TBS	MIPR/FP	GSA Arlington, VA	Mar 07	Jul 07	41	47	No	NA	
FY 2008	TBS TBS	MIPR/FP	GSA Arlington, VA	Mar 08	Jul 08	32	47	No	NA	
FY 2009	TBS TBS	MIPR/FP	GSA Arlington, VA	Mar 09	Jul 09	32	47	No	NA	

REMARKS: There are multiple contractors and PCOs for 'Other General Purpose Vehicles' in FY06. The main contract method was MIPR.

The primary PCO for General Purpose Vehicles is the General Services Administration (GSA). However, GSA is not the PCO for requirements that are procured overseas. Other PCO sources are sometimes utilized, such as the US Army TACOM Life Cycle Management Command and the Defense Logistics Agency (DLA), to procure vehicles that are not available from the GSA.

NAWCAD stands for the Naval Air Warfare Center Aircraft Division, located in St. Inigoes, MD. NAWCAD is serving as the PCO for the ADVON and USC vehicles. There are several types and sources of materiel to complete the ADVON and UCS vehicles. Production of the vehicles will occur at the NAWCAD facility, with NAWCAD providing all technical management for design, development and production. For all these reasons, NAWCAD is shown as the contractor for these vehicles.

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	I	FY 06 /	07 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEN GENER				ES (DV0	013)				Dat	e:	Februa	ry 2007				
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Exhibit P-40, Budget Item	Justificatio	n Sheet					Date:	Fe	bruary 2007							
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles			P-1 Item Nomenclature SPECIAL PURPOSE VEHICLES (DV0014)											
Program Elements for Code B Items:		Code:	Α (Other Related Pro	ogram Element	ts:										
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog					
Proc Qty	15578	1		4 11	10	10	10	10	12		15646					
Gross Cost	299.0	0.1	0	.7 1.6	1.6	1.6	1.6	1.6	1.9		309.6					
Less PY Adv Proc																
Plus CY Adv Proc																
Net Proc P1	299.0	0.1	0	.7 1.6	1.6	1.6	1.6	1.6	1.9		309.6					
Initial Spares																
Total Proc Cost	299.0	0.1	0	.7 1.6	1.6	1.6	1.6	1.6	1.9		309.6					
Flyaway U/C																
Weapon System Proc U/C	0.0	0.1	0	.2 0.1	0.2	0.2	0.2	0.2	0.2		1.2					

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

Justification:

FY08/09 procures 21 Special Purpose Vehicles to replace overaged vehicles in poor condition and to fill shortages. Most Special Purpose Vehicles are not available from General Services Administration (GSA) to lease; therefore, support to the servicing, sanitation, and welfare missions of the field must be provided by procurement. Service platform trucks, line construction trucks, maintenance trucks, and refuse trucks are required to continue the engineering support mission necessary to the operation of posts, camps, and stations worldwide.