

UNCLASSIFIED

**Department of Defense
Fiscal Year (FY) 2019 Budget Estimates**

February 2018



Army

Justification Book of

Other Procurement, Army

Tactical and Support Vehicles, Budget Activity 1

UNCLASSIFIED

UNCLASSIFIED

Army • Budget Estimates FY 2019 • Procurement

Table of Contents

Introduction and Explanation of Contents..... ii
Comptroller Exhibit P-1..... iv
Line Item Table of Contents (by Appropriation then Line Number)..... lxiv
Line Item Table of Contents (Alphabetically by Line Item Title)..... lxvi
Exhibit P-40s..... 1

PROCUREMENT OF OTHER PROCUREMENT, ARMY

APPROPRIATION LANGUAGE

For construction, procurement, production, and modification of Other Procurement, Army, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$9,381,576 to remain available for obligation until September 30, 2021.

COST STATEMENT

The following Justification Books were prepared at a cost of \$226,413: Aircraft (ACFT), Missile (MSLS), Weapons & Tracked Combat Vehicles (WTCV), Ammunition (AMMO), Other Procurement Army (OPA) 1 - Tactical & Support Vehicles, Other Procurement Army (OPA) 2 - Communications & Electronics, Other Procurement Army (OPA) 3 & 4 - Other Support Equipment & Spares, Research, Development, Test and Evaluation (RDTE) for: Budget Activity 1, Budget Activity 2, Budget Activity 3, Budget Activity 4, Budget Activity 5A, Budget Activity 5B, Budget Activity 6, and Budget Activity 7.

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

<u>Appropriation</u>	<u>FY 2017 (Base + OCO)</u>	<u>FY 2018 PB Request with CR Adj Base</u>	<u>FY 2018 Total PB Requests* with CR Adj Base</u>	<u>FY 2018 PB Request with CR Adj OCO</u>
Other Procurement, Army	7,867,971	6,022,053	6,022,053	1,827,119
Total Department of the Army	7,867,971	6,022,053	6,022,053	1,827,119

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY.2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation	FY 2018 Total PB Requests+ with CR Adj OCO	FY 2018 Emergency Requests** Emergency	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency
Other Procurement, Army	1,827,119			
Total Department of the Army	1,827,119			

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

<u>Appropriation</u>	<u>FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**</u>	<u>FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs</u>	<u>FY 2018 Remaining Req with CR Adj Base + OCO + Emergency</u>
Other Procurement, Army	7,849,172		7,849,172
Total Department of the Army	7,849,172		7,849,172

UNCLASSIFIED

Department of the Army
FY 2019 President's Budget
Exhibit P-1 FY 2019 President's Budget
Total Obligational Authority
(Dollars in Thousands)

23 Jan 2018

<u>Appropriation</u>	<u>FY 2019 Base</u>	<u>FY 2019 OCO</u>	<u>FY 2019 Total</u>
Other Procurement, Army	7,999,529	1,382,047	9,381,576
Total Department of the Army	7,999,529	1,382,047	9,381,576

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: Other Procurement, Army

Budget Activity	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO
01. Tactical and Support Vehicles	1,905,158	1,245,581	1,245,581	146,657
02. Communications and Electronics Equipment	4,255,899	3,826,384	3,826,384	200,932
03. Other Support Equipment	1,680,264	1,359,097	1,359,097	57,986
04. Spare and Repair Parts	26,650	38,269	38,269	
20. Undistributed		-447,278	-447,278	1,421,544
Total Other Procurement, Army	7,867,971	6,022,053	6,022,053	1,827,119

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: Other Procurement, Army

Budget Activity	FY 2018 Total PB Requests+ with CR Adj OCO	FY 2018 Emergency Requests** Emergency	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency
01. Tactical and Support Vehicles	146,657			
02. Communications and Electronics Equipment	200,932			
03. Other Support Equipment	57,986			
04. Spare and Repair Parts				
20. Undistributed	1,421,544			
Total Other Procurement, Army	1,827,119			

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: Other Procurement, Army

Budget Activity -----	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency** -----	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs -----	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency -----
01. Tactical and Support Vehicles	1,392,238		1,392,238
02. Communications and Electronics Equipment	4,027,316		4,027,316
03. Other Support Equipment	1,417,083		1,417,083
04. Spare and Repair Parts	38,269		38,269
20. Undistributed	974,266		974,266
Total Other Procurement, Army	7,849,172		7,849,172

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: Other Procurement, Army

Budget Activity	FY 2019 Base	FY 2019 OCO	FY 2019 Total
01. Tactical and Support Vehicles	1,908,441	387,229	2,295,670
02. Communications and Electronics Equipment	4,155,165	748,240	4,903,405
03. Other Support Equipment	1,926,106	246,578	2,172,684
04. Spare and Repair Parts	9,817		9,817
20. Undistributed			
Total Other Procurement, Army	7,999,529	1,382,047	9,381,576

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Tactical and Support Vehicles											
Tactical Vehicles											
1	Tactical Trailers/Dolly Sets	A		2,578		9,716		9,716			U
2	Semitrailers, Flatbed:	A		26,386		14,151		14,151			U
3	Ambulance, 4 LITTER, 5/4 TON, 4x4			50,000		53,000		53,000			U
4	Ground Mobility Vehicles (GMV)	A		4,907		40,935		40,935			U
5	ARNG HMMWV Modernization Program	A		160,000							U
6	Joint Light Tactical Vehicle	A	1591	587,514	2110	804,440	2110	804,440			U
7	Truck, Dump, 20t (CCE)			3,927		967		967			U
8	Family of Medium Tactical Veh (FMTV)		1675	352,769		78,650		78,650			U
9	Firetrucks & Associated Firefighting Equip			7,460		19,404		19,404			U
10	Family of Heavy Tactical Vehicles (FHTV)		423	39,716		81,656		81,656	25,874		U
11	Pls Esp	A		118,214		7,129		7,129			U
12	Hvy Expanded Mobile Tactical Truck Ext Serv			203,766					38,628		U
13	Tactical Wheeled Vehicle Protection Kits	A		145,705		43,040		43,040			U
14	Modification of In Svc Equip			189,456		83,940		83,940	64,647		U
15	Mine-Resistant Ambush-Protected (MRAP) Mods	A		10,611					17,508		U
Non-Tactical Vehicles											
16	Heavy Armored Vehicle			394		269		269			U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Tactical and Support Vehicles											
Tactical Vehicles											
1	Tactical Trailers/Dolly Sets	A									U
2	Semitrailers, Flatbed:	A									U
3	Ambulance, 4 LITTER, 5/4 TON, 4x4										U
4	Ground Mobility Vehicles (GMV)	A									U
5	ARNG HMMWV Modernization Program	A									U
6	Joint Light Tactical Vehicle	A									U
7	Truck, Dump, 20t (CCE)										U
8	Family of Medium Tactical Veh (FMTV)										U
9	Firetrucks & Associated Firefighting Equip										U
10	Family of Heavy Tactical Vehicles (FHTV)			25,874							U
11	Pls Esp	A									U
12	Hvy Expanded Mobile Tactical Truck Ext Serv			38,628							U
13	Tactical Wheeled Vehicle Protection Kits	A									U
14	Modification of In Svc Equip			64,647							U
15	Mine-Resistant Ambush-Protected (MRAP) Mods	A		17,508							U
Non-Tactical Vehicles											
16	Heavy Armored Vehicle										U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Tactical and Support Vehicles									
Tactical Vehicles									
1	Tactical Trailers/Dolly Sets	A		9,716			9,716		U
2	Semitrailers, Flatbed:	A		14,151			14,151		U
3	Ambulance, 4 LITTER, 5/4 TON, 4x4			53,000			53,000		U
4	Ground Mobility Vehicles (GMV)	A		40,935			40,935		U
5	ARNG HMMWV Modernization Program	A							U
6	Joint Light Tactical Vehicle	A	2110	804,440			2110	804,440	U
7	Truck, Dump, 20t (CCE)			967			967		U
8	Family of Medium Tactical Veh (FMTV)			78,650			78,650		U
9	Firetrucks & Associated Firefighting Equip			19,404			19,404		U
10	Family of Heavy Tactical Vehicles (FHTV)			107,530			107,530		U
11	Pls Esp	A		7,129			7,129		U
12	Hvy Expanded Mobile Tactical Truck Ext Serv			38,628			38,628		U
13	Tactical Wheeled Vehicle Protection Kits	A		43,040			43,040		U
14	Modification of In Svc Equip			148,587			148,587		U
15	Mine-Resistant Ambush-Protected (MRAP) Mods	A		17,508			17,508		U
Non-Tactical Vehicles									
16	Heavy Armored Vehicle			269			269		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Tactical and Support Vehicles									

Tactical Vehicles									
1	Tactical Trailers/Dolly Sets	A		16,512				16,512	U
2	Semitrailers, Flatbed:	A		16,951		8,000		24,951	U
3	Ambulance, 4 LITTER, 5/4 TON, 4x4			50,123		20,770		70,893	U
4	Ground Mobility Vehicles (GMV)	A		46,988				46,988	U
5	ARNG HMMWV Modernization Program	A							U
6	Joint Light Tactical Vehicle	A		1,319,436				1,319,436	U
7	Truck, Dump, 20t (CCE)			6,480				6,480	U
8	Family of Medium Tactical Veh (FMTV)			132,882				132,882	U
9	Firetrucks & Associated Firefighting Equip			14,842				14,842	U
10	Family of Heavy Tactical Vehicles (FHTV)			138,105		596	115,400	596	253,505 U
11	Pls Esp	A							U
12	Hvy Expanded Mobile Tactical Truck Ext Serv			31,892			6,682	38,574	U
13	Tactical Wheeled Vehicle Protection Kits	A		38,128			50,000	88,128	U
14	Modification of In Svc Equip			78,507			186,377	264,884	U
15	Mine-Resistant Ambush-Protected (MRAP) Mods	A							U
Non-Tactical Vehicles									
16	Heavy Armored Vehicle			790				790	U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
17	Passenger Carrying Vehicles					1,320		1,320			U
18	Nontactical Vehicles, Other	A		1,755		6,964		6,964			U
Total Tactical and Support Vehicles				1,905,158		1,245,581		1,245,581		146,657	
<u>Budget Activity 02: Communications and Electronics Equipment</u>											
Comm - Joint Communications											
19	Win-T - Ground Forces Tactical Network	A		551,170		420,492		420,492			U
20	Signal Modernization Program	A		58,250		92,718		92,718		4,900	U
21	Tactical Network Technology Mod In Svc	A				150,497		150,497			U
22	SITUATION INFORMATION TRANSPORT	A									U
23	Joint Incident Site Communications Capability	A		5,749		6,065		6,065			U
24	JCSE Equipment (USREDCOM)			5,068		5,051		5,051			U
Comm - Satellite Communications											
25	Spectrum METSAT	A		1,626							U
26	Spectrum Portal	A		55							U
27	Defense Enterprise Wideband Satcom Systems			143,805		161,383		161,383			U
28	Transportable Tactical Command Communications	A		36,580		62,600		62,600			U
29	SHF Term			26,381		11,622		11,622			U
30	Smart-T (SPACE)			8,769		6,799		6,799			U
31	Global Brdcst Svc - GBS					7,065		7,065			U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
17	Passenger Carrying Vehicles										U
18	Nontactical Vehicles, Other	A									U
Total Tactical and Support Vehicles				146,657							
Budget Activity 02: Communications and Electronics Equipment											
Comm - Joint Communications											
19	Win-T - Ground Forces Tactical Network	A									U
20	Signal Modernization Program	A		4,900							U
21	Tactical Network Technology Mod In Svc	A									U
22	SITUATION INFORMATION TRANSPORT	A									U
23	Joint Incident Site Communications Capability	A									U
24	JCSE Equipment (USREDCOM)										U
Comm - Satellite Communications											
25	Spectrum METSAT	A									U
26	Spectrum Portal	A									U
27	Defense Enterprise Wideband Satcom Systems										U
28	Transportable Tactical Command Communications	A									U
29	SHF Term										U
30	Smart-T (SPACE)										U
31	Global Brdcst Svc - GBS										U

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
17	Passenger Carrying Vehicles			1,320				1,320	U
18	Nontactical Vehicles, Other	A		6,964				6,964	U
Total Tactical and Support Vehicles				1,392,238				1,392,238	
Budget Activity 02: Communications and Electronics Equipment									
Comm - Joint Communications									
19	Win-T - Ground Forces Tactical Network	A		420,492				420,492	U
20	Signal Modernization Program	A		97,618				97,618	U
21	Tactical Network Technology Mod In Svc	A		150,497				150,497	U
22	SITUATION INFORMATION TRANSPORT	A							U
23	Joint Incident Site Communications Capability	A		6,065				6,065	U
24	JCSE Equipment (USREDCOM)			5,051				5,051	U
Comm - Satellite Communications									
25	Spectrum METSAT	A							U
26	Spectrum Portal	A							U
27	Defense Enterprise Wideband Satcom Systems			161,383				161,383	U
28	Transportable Tactical Command Communications	A		62,600				62,600	U
29	SHF Term			11,622				11,622	U
30	Smart-T (SPACE)			6,799				6,799	U
31	Global Brdcst Svc - GBS			7,065				7,065	U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
17	Passenger Carrying Vehicles			1,390				1,390	U
18	Nontactical Vehicles, Other	A		15,415				15,415	U
Total Tactical and Support Vehicles				1,908,441		387,229		2,295,670	
Budget Activity 02: Communications and Electronics Equipment									
Comm - Joint Communications									
19	Win-T - Ground Forces Tactical Network	A							U
20	Signal Modernization Program	A		150,777				150,777	U
21	Tactical Network Technology Mod In Svc	A		469,117				469,117	U
22	SITUATION INFORMATION TRANSPORT	A		62,727				62,727	U
23	Joint Incident Site Communications Capability	A		13,895				13,895	U
24	JCSE Equipment (USREDCOM)			4,866				4,866	U
Comm - Satellite Communications									
25	Spectrum METSAT	A							U
26	Spectrum Portal	A							U
27	Defense Enterprise Wideband Satcom Systems			108,133				108,133	U
28	Transportable Tactical Command Communications	A		56,737		7,100		63,837	U
29	SHF Term			13,100				13,100	U
30	Smart-T (SPACE)			9,160				9,160	U
31	Global Brdcst Svc - GBS			25,647				25,647	U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
32	Enroute Mission Command (EMC)	A			21,667		21,667				U
33	Spectrum Microwave			2,299							U
	Comm - Combat Support Comm										
34	Mod-In-Service Profiler	A				70		70			U
	Comm - C3 System										
35	Army Global Cmd & Control Sys (AGCCS)	A		2,530		2,658		2,658			U
36	COE Tactical Server Infrastructure (TSI)	A									U
	Comm - Combat Communications										
37	Joint Tactical Radio System	A									U
38	Handheld Manpack Small Form Fit (HMS)	A		268,122		355,351		355,351			U
39	Mid-Tier Networking Vehicular Radio (MNVR)	A		30,020		25,100		25,100			U
40	Radio Terminal Set, Mids Lvt(2)	A		12,326		11,160		11,160			U
41	Tractor Desk			2,034		2,041		2,041			U
42	Tractor Ride			2,334		5,534		5,534		1,000	U
43	Spider Apla Remote Control Unit	A		1,428		996		996			U
44	Spider Family of Networked Munitions Incr	A		8,796		4,500		4,500			U
45	Tactical Communications and Protective System	A		3,607		4,411		4,411			U
46	Unified Command Suite	A		14,295		15,275		15,275			U
47	COTS Communications Equipment	A									U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-5

XX

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
32	Enroute Mission Command (EMC)	A									U
33	Spectrum Microwave Comm - Combat Support Comm										U
34	Mod-In-Service Profiler Comm - C3 System	A									U
35	Army Global Cmd & Control Sys (AGCCS)	A									U
36	COE Tactical Server Infrastructure (TSI) Comm - Combat Communications	A									U
37	Joint Tactical Radio System	A									U
38	Handheld Manpack Small Form Fit (HMS)	A									U
39	Mid-Tier Networking Vehicular Radio (MNVR)	A									U
40	Radio Terminal Set, Mids Lvt(2)	A									U
41	Tractor Desk										U
42	Tractor Ride			1,000							U
43	Spider Apla Remote Control Unit	A									U
44	Spider Family of Networked Munitions Incr	A									U
45	Tactical Communications and Protective System	A									U
46	Unified Command Suite	A									U
47	COTS Communications Equipment	A									U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**		FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req with CR Adj Base + OCO + Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
32	Enroute Mission Command (EMC)	A		21,667			21,667		U
33	Spectrum Microwave Comm - Combat Support Comm								U
34	Mod-In-Service Profiler Comm - C3 System	A		70			70		U
35	Army Global Cmd & Control Sys (AGCCS)	A		2,658			2,658		U
36	COE Tactical Server Infrastructure (TSI) Comm - Combat Communications	A							U
37	Joint Tactical Radio System	A							U
38	Handheld Manpack Small Form Fit (HMS)	A		355,351			355,351		U
39	Mid-Tier Networking Vehicular Radio (MNVR)	A		25,100			25,100		U
40	Radio Terminal Set, Mids Lvt(2)	A		11,160			11,160		U
41	Tractor Desk			2,041			2,041		U
42	Tractor Ride			6,534			6,534		U
43	Spider Apla Remote Control Unit	A		996			996		U
44	Spider Family of Networked Munitions Incr	A		4,500			4,500		U
45	Tactical Communications and Protective System	A		4,411			4,411		U
46	Unified Command Suite	A		15,275			15,275		U
47	COTS Communications Equipment	A							U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-5B

xxii

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
32	Enroute Mission Command (EMC)	A		37,401			37,401		U
33	Spectrum Microwave Comm - Combat Support Comm								U
34	Mod-In-Service Profiler Comm - C3 System	A							U
35	Army Global Cmd & Control Sys (AGCCS)	A							U
36	COE Tactical Server Infrastructure (TSI) Comm - Combat Communications	A		20,500			20,500		U
37	Joint Tactical Radio System	A				1,560	1,560		U
38	Handheld Manpack Small Form Fit (HMS)	A		351,565			351,565		U
39	Mid-Tier Networking Vehicular Radio (MNVR)	A							U
40	Radio Terminal Set, Mids Lvt(2)	A		4,641			4,641		U
41	Tractor Desk			2,187			2,187		U
42	Tractor Ride			9,411		13,190	22,601		U
43	Spider Apla Remote Control Unit	A							U
44	Spider Family of Networked Munitions Incr	A		17,515			17,515		U
45	Tactical Communications and Protective System	A		819		9,549	10,368		U
46	Unified Command Suite	A		17,807			17,807		U
47	COTS Communications Equipment	A		191,835		22,000	213,835		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-5C

xxiii

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
48	Family of Med Comm for Combat Casualty Care Comm - Intelligence Comm	A		19,893		15,964		15,964			U
50	CI Automation Architecture (MIP)	A		11,438		9,560		9,560			U
51	Defense Military Deception Initiative	A				4,030		4,030			U
52	Army CA/MISO GPF Equipment Information Security	A		5,494							U
53	Family of Biometrics	A		2,978							U
54	Information System Security Program-ISSP	A									U
55	Communications Security (COMSEC)	A		133,284		107,804		107,804			U
56	Defensive CYBER Operations	A		19,329		53,436		53,436			U
57	Insider Threat Program - Unit Activity Monito	A				690		690			U
58	Persistent Cyber Training Environment Comm - Long Haul Communications	A				4,000		4,000			U
59	Base Support Communications Comm - Base Communications			32,852		43,751		43,751			U
60	Information Systems			114,555		118,101		118,101			U
61	Emergency Management Modernization Program	A		4,286		4,490		4,490			U
62	Home Station Mission Command Centers (HSMCC)	A				20,050		20,050			U
63	Installation Info Infrastructure Mod Program	A		147,304		186,251		186,251		2,500	U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
48	Family of Med Comm for Combat Casualty Care	A									U
	Comm - Intelligence Comm										
50	CI Automation Architecture (MIP)	A									U
51	Defense Military Deception Initiative	A									U
52	Army CA/MISO GPF Equipment	A									U
	Information Security										
53	Family of Biometrics	A									U
54	Information System Security Program-ISSP	A									U
55	Communications Security (COMSEC)	A									U
56	Defensive CYBER Operations	A									U
57	Insider Threat Program - Unit Activity Monito	A									U
58	Persistent Cyber Training Environment	A									U
	Comm - Long Haul Communications										
59	Base Support Communications										U
	Comm - Base Communications										
60	Information Systems										U
61	Emergency Management Modernization Program	A									U
62	Home Station Mission Command Centers (HSMCC)	A									U
63	Installation Info Infrastructure Mod Program	A		2,500							U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
48	Family of Med Comm for Combat Casualty Care	A		15,964			15,964		U
	Comm - Intelligence Comm								
50	CI Automation Architecture (MIP)	A		9,560			9,560		U
51	Defense Military Deception Initiative	A		4,030			4,030		U
52	Army CA/MISO GPF Equipment	A							U
	Information Security								
53	Family of Biometrics	A							U
54	Information System Security Program-ISSP	A							U
55	Communications Security (COMSEC)	A		107,804			107,804		U
56	Defensive CYBER Operations	A		53,436			53,436		U
57	Insider Threat Program - Unit Activity Monito	A		690			690		U
58	Persistent Cyber Training Environment	A		4,000			4,000		U
	Comm - Long Haul Communications								
59	Base Support Communications			43,751			43,751		U
	Comm - Base Communications								
60	Information Systems			118,101			118,101		U
61	Emergency Management Modernization Program	A		4,490			4,490		U
62	Home Station Mission Command Centers (HSMCC)	A		20,050			20,050		U
63	Installation Info Infrastructure Mod Program	A		188,751			188,751		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
48	Family of Med Comm for Combat Casualty Care Comm - Intelligence Comm	A		25,177				25,177	U
50	CI Automation Architecture (MIP)	A		9,740		9,800		19,540	U
51	Defense Military Deception Initiative	A		2,667				2,667	U
52	Army CA/MISO GPF Equipment Information Security	A							U
53	Family of Biometrics	A		8,319				8,319	U
54	Information System Security Program-ISSP	A		2,000				2,000	U
55	Communications Security (COMSEC)	A		88,337		3		88,340	U
56	Defensive CYBER Operations	A		51,343				51,343	U
57	Insider Threat Program - Unit Activity Monito	A		330				330	U
58	Persistent Cyber Training Environment Comm - Long Haul Communications	A		3,000				3,000	U
59	Base Support Communications Comm - Base Communications			34,434		690		35,124	U
60	Information Systems			95,558		8,750		104,308	U
61	Emergency Management Modernization Program	A		4,736				4,736	U
62	Home Station Mission Command Centers (HSMCC)	A		24,479				24,479	U
63	Installation Info Infrastructure Mod Program	A		216,433		60,337		276,770	U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-6C

xxvii

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Elect Equip - Tact Int Rel Act (TIARA)											
66	JTT/CIBS-M (MIP)	B		5,337		12,154		12,154			U
67	Drug Interdiction Program (Dip) (TIARA)			35,972							U
68	DCGS-A (MIP)			273,246		274,782		274,782		39,515	U
69	Joint Tactical Ground Station (JTAGS) (MIP)	A		4,417							U
70	Trojan (MIP)	B		29,680		16,052		16,052		21,310	U
71	Mod of In-Svc Equip (Intel Spt) (MIP)			50,405		51,034		51,034		2,300	U
72	CI HUMINT Auto Reprting & Coll (CHARCS) (MIP)			14,891		7,815		7,815		14,460	U
73	Close Access Target Reconnaissance (CATR)			7,970		8,050		8,050			U
74	Machine Foreign Language Translation System-M	A		545		567		567			U
75	Biometric Tactical Collection Devices (MIP)	A		6,804						5,180	U
76	Items Less Than \$5.0M (MIP)										U
Elect Equip - Electronic Warfare (EW)											
77	Lightweight Counter Mortar Radar	A		125,145		20,459		20,459			U
78	EW Planning & Management Tools (EWPMT)	A		3,235		5,805		5,805			U
79	Air Vigilance (AV) (MIP)	A		733		5,348		5,348			U
80	Crew										U
81	Family of Persistent Surveillance Cap. (MIP)	A		34,541						16,935	U
82	Counterintelligence/Security Countermeasures			24,345		469		469		18,874	U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A 7

xxviii

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Elect Equip - Tact Int Rel Act (TIARA)											
66	JTT/CIBS-M (MIP)	B									U
67	Drug Interdiction Program (Dip) (TIARA)										U
68	DCGS-A (MIP)			39,515							U
69	Joint Tactical Ground Station (JTAGS) (MIP)	A									U
70	Trojan (MIP)	B		21,310							U
71	Mod of In-Svc Equip (Intel Spt) (MIP)			2,300							U
72	CI HUMINT Auto Reprting & Coll(CHARCS) (MIP)			14,460							U
73	Close Access Target Reconnaissance (CATR)										U
74	Machine Foreign Language Translation System-M	A									U
75	Biometric Tactical Collection Devices (MIP)	A		5,180							U
76	Items Less Than \$5.0M (MIP)										U
Elect Equip - Electronic Warfare (EW)											
77	Lightweight Counter Mortar Radar	A									U
78	EW Planning & Management Tools (EWPMT)	A									U
79	Air Vigilance (AV) (MIP)	A									U
80	Crew										U
81	Family of Persistent Surveillance Cap. (MIP)	A		16,935							U
82	Counterintelligence/Security Countermeasures			18,874							U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Elect Equip - Tact Int Rel Act (TIARA)									
66	JTT/CIBS-M (MIP)	B		12,154			12,154		U
67	Drug Interdiction Program (Dip) (TIARA)								U
68	DCGS-A (MIP)			314,297			314,297		U
69	Joint Tactical Ground Station (JTAGS) (MIP)	A							U
70	Trojan (MIP)	B		37,362			37,362		U
71	Mod of In-Svc Equip (Intel Spt) (MIP)			53,334			53,334		U
72	CI HUMINT Auto Reprting & Coll(CHARCS) (MIP)			22,275			22,275		U
73	Close Access Target Reconnaissance (CATR)			8,050			8,050		U
74	Machine Foreign Language Translation System-M	A		567			567		U
75	Biometric Tactical Collection Devices (MIP)	A		5,180			5,180		U
76	Items Less Than \$5.0M (MIP)								U
Elect Equip - Electronic Warfare (EW)									
77	Lightweight Counter Mortar Radar	A		20,459			20,459		U
78	EW Planning & Management Tools (EWPMT)	A		5,805			5,805		U
79	Air Vigilance (AV) (MIP)	A		5,348			5,348		U
80	Crew								U
81	Family of Persistent Surveillance Cap. (MIP)	A		16,935			16,935		U
82	Counterintelligence/Security Countermeasures			19,343			19,343		U

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Elect Equip - Tact Int Rel Act (TIARA)									
66	JTT/CIBS-M (MIP)	B		10,268			10,268		U
67	Drug Interdiction Program (Dip) (TIARA)								U
68	DCGS-A (MIP)			261,863		37,806	299,669		U
69	Joint Tactical Ground Station (JTAGS) (MIP)	A		5,434			5,434		U
70	Trojan (MIP)	B		20,623		6,926	27,549		U
71	Mod of In-Svc Equip (Intel Spt) (MIP)			45,998		2,011	48,009		U
72	CI HUMINT Auto Reprting & Coll(CHARCS) (MIP)			296			296		U
73	Close Access Target Reconnaissance (CATR)								U
74	Machine Foreign Language Translation System-M	A							U
75	Biometric Tactical Collection Devices (MIP)	A				5,370	5,370		U
76	Items Less Than \$5.0M (MIP)			410			410		U
Elect Equip - Electronic Warfare (EW)									
77	Lightweight Counter Mortar Radar	A		9,165			9,165		U
78	EW Planning & Management Tools (EWPMT)	A		5,875			5,875		U
79	Air Vigilance (AV) (MIP)	A		8,497			8,497		U
80	Crew					42,651	42,651		U
81	Family of Persistent Surveillance Cap. (MIP)	A				20,050	20,050		U
82	Counterintelligence/Security Countermeasures					12,974	12,974		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-7C

xxxii

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
83	CI Modernization (MIP)	A		176		285		285			U
	Elect Equip - Tactical Surv. (Tac Surv)										
84	Sentinel Mods			40,171		28,491		28,491			U
85	Night Vision Devices	A		152,170		166,493		166,493		377	U
86	Long Range Advanced Scout Surveillance System										U
87	Small Tactical Optical Rifle Mounted MLRF			18,843		13,947		13,947		60	U
88	Radiation Monitoring Systems										U
89	Base Expeditary Targeting and Surv Sys	A		82,590							U
90	Indirect Fire Protection Family of Systems	A		237,337		21,380		21,380		57,500	U
91	Family of Weapon Sights (FWS)	A		49,536		59,105		59,105			U
92	Artillery Accuracy Equip			4,187		2,129		2,129			U
93	Profiler										U
94	Joint Battle Command - Platform (JBC-P)	A		227,573		282,549		282,549			U
95	Joint Effects Targeting System (JETS)			48,375		48,664		48,664			U
96	Mod of In-Svc Equip (LLDR)	A		28,058		5,198		5,198		3,974	U
97	Computer Ballistics: LHMBC XM32	A		5,924		8,117		8,117			U
98	Mortar Fire Control System			24,903		31,813		31,813		2,947	U
99	Counterfire Radars			297,509		329,057		329,057			U

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
83	CI Modernization (MIP)	A									U
	Elect Equip - Tactical Surv. (Tac Surv)										
84	Sentinel Mods										U
85	Night Vision Devices	A		377							U
86	Long Range Advanced Scout Surveillance System										U
87	Small Tactical Optical Rifle Mounted MLRF			60							U
88	Radiation Monitoring Systems										U
89	Base Expeditary Targeting and Surv Sys	A									U
90	Indirect Fire Protection Family of Systems	A		57,500							U
91	Family of Weapon Sights (FWS)	A									U
92	Artillery Accuracy Equip										U
93	Profiler										U
94	Joint Battle Command - Platform (JBC-P)	A									U
95	Joint Effects Targeting System (JETS)										U
96	Mod of In-Svc Equip (LLDR)	A		3,974							U
97	Computer Ballistics: LHMBC XM32	A									U
98	Mortar Fire Control System			2,947							U
99	Counterfire Radars										U

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**		FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req with CR Adj Base + OCO + Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
83	CI Modernization (MIP)	A		285			285		U
	Elect Equip - Tactical Surv. (Tac Surv)								
84	Sentinel Mods			28,491			28,491		U
85	Night Vision Devices	A		166,870			166,870		U
86	Long Range Advanced Scout Surveillance System								U
87	Small Tactical Optical Rifle Mounted MLRF			14,007			14,007		U
88	Radiation Monitoring Systems								U
89	Base Expeditary Targeting and Surv Sys	A							U
90	Indirect Fire Protection Family of Systems	A		78,880			78,880		U
91	Family of Weapon Sights (FWS)	A		59,105			59,105		U
92	Artillery Accuracy Equip			2,129			2,129		U
93	Profiler								U
94	Joint Battle Command - Platform (JBC-P)	A		282,549			282,549		U
95	Joint Effects Targeting System (JETS)			48,664			48,664		U
96	Mod of In-Svc Equip (LLDR)	A		9,172			9,172		U
97	Computer Ballistics: LHMBC XM32	A		8,117			8,117		U
98	Mortar Fire Control System			34,760			34,760		U
99	Counterfire Radars			329,057			329,057		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-8B

xxxiv

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
83	CI Modernization (MIP)	A		486			486		U
	Elect Equip - Tactical Surv. (Tac Surv)								
84	Sentinel Mods			79,629			79,629		U
85	Night Vision Devices	A		153,180		463	153,643		U
86	Long Range Advanced Scout Surveillance System					2,861	2,861		U
87	Small Tactical Optical Rifle Mounted MLRF			22,882		60	22,942		U
88	Radiation Monitoring Systems			17,393		11	17,404		U
89	Base Expeditary Targeting and Surv Sys	A							U
90	Indirect Fire Protection Family of Systems	A		46,740		251,062	297,802		U
91	Family of Weapon Sights (FWS)	A		140,737		525	141,262		U
92	Artillery Accuracy Equip								U
93	Profiler			171			171		U
94	Joint Battle Command - Platform (JBC-P)	A		405,239		26,146	431,385		U
95	Joint Effects Targeting System (JETS)			66,574			66,574		U
96	Mod of In-Svc Equip (LLDR)	A		20,783		4,050	24,833		U
97	Computer Ballistics: LHMBC XM32	A		8,553		960	9,513		U
98	Mortar Fire Control System			21,489		7,660	29,149		U
99	Counterfire Radars			162,121		165,200	327,321		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-8C

XXXV

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Elect Equip - Tactical C2 Systems											
100	Army Command Post Integrated Infrastructure (	A									U
101	Fire Support C2 Family	A		8,907		8,700		8,700			U
102	AIR & MSL Defense Planning & Control Sys			126,539		26,635		26,635		9,100	U
103	Life Cycle Software Support (LCSS)			4,718		1,992		1,992			U
104	Network Management Initialization and Service	A		11,063		15,179		15,179			U
105	Maneuver Control System (MCS)	A		151,464		132,572		132,572			U
106	Global Combat Support System-Army (GCSS-A)	A		131,839		37,201		37,201			U
107	Integrated Personnel and Pay System-Army (IPP)	A		4,214		16,140		16,140			U
108	Logistics Automation	A		23,821							U
109	Reconnaissance and Surveying Instrument Set	A		16,185		6,093		6,093			U
110	Mod of In-Svc Equipment (ENFIRE)	A		1,565		1,134		1,134			U
Elect Equip - Automation											
111	Army Training Modernization			17,693		11,575		11,575			U
112	Automated Data Processing Equip			146,480		91,983		91,983			U
113	General Fund Enterprise Business Systems Fam	A		6,416		4,465		4,465			U
114	High Perf Computing Mod Pgm (HPCMP)	A		58,614		66,363		66,363			U
115	Contract Writing System	A		789		1,001		1,001			U
116	Reserve Component Automation Sys (RCAS)			23,828		26,183		26,183			U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Elect Equip - Tactical C2 Systems											
100	Army Command Post Integrated Infrastructure (	A									U
101	Fire Support C2 Family	A									U
102	AIR & MSL Defense Planning & Control Sys			9,100							U
103	Life Cycle Software Support (LCSS)										U
104	Network Management Initialization and Service	A									U
105	Maneuver Control System (MCS)	A									U
106	Global Combat Support System-Army (GCSS-A)	A									U
107	Integrated Personnel and Pay System-Army (IPP)	A									U
108	Logistics Automation	A									U
109	Reconnaissance and Surveying Instrument Set	A									U
110	Mod of In-Svc Equipment (ENFIRE)	A									U
Elect Equip - Automation											
111	Army Training Modernization										U
112	Automated Data Processing Equip										U
113	General Fund Enterprise Business Systems Fam	A									U
114	High Perf Computing Mod Pgm (HPCMP)	A									U
115	Contract Writing System	A									U
116	Reserve Component Automation Sys (RCAS)										U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Elect Equip - Tactical C2 Systems									
100	Army Command Post Integrated Infrastructure (	A							U
101	Fire Support C2 Family	A		8,700			8,700		U
102	AIR & MSL Defense Planning & Control Sys			35,735			35,735		U
103	Life Cycle Software Support (LCSS)			1,992			1,992		U
104	Network Management Initialization and Service	A		15,179			15,179		U
105	Maneuver Control System (MCS)	A		132,572			132,572		U
106	Global Combat Support System-Army (GCSS-A)	A		37,201			37,201		U
107	Integrated Personnel and Pay System-Army (IPP)	A		16,140			16,140		U
108	Logistics Automation	A							U
109	Reconnaissance and Surveying Instrument Set	A		6,093			6,093		U
110	Mod of In-Svc Equipment (ENFIRE)	A		1,134			1,134		U
Elect Equip - Automation									
111	Army Training Modernization			11,575			11,575		U
112	Automated Data Processing Equip			91,983			91,983		U
113	General Fund Enterprise Business Systems Fam	A		4,465			4,465		U
114	High Perf Computing Mod Pgm (HPCMP)	A		66,363			66,363		U
115	Contract Writing System	A		1,001			1,001		U
116	Reserve Component Automation Sys (RCAS)			26,183			26,183		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Elect Equip - Tactical C2 Systems									
100	Army Command Post Integrated Infrastructure (	A		2,855				2,855	U
101	Fire Support C2 Family	A		19,153				19,153	U
102	AIR & MSL Defense Planning & Control Sys			33,837				33,837	U
103	Life Cycle Software Support (LCSS)			5,136				5,136	U
104	Network Management Initialization and Service	A		18,329				18,329	U
105	Maneuver Control System (MCS)	A		38,015				38,015	U
106	Global Combat Support System-Army (GCSS-A)	A		15,164				15,164	U
107	Integrated Personnel and Pay System-Army (IPP	A		29,239				29,239	U
108	Logistics Automation	A							U
109	Reconnaissance and Surveying Instrument Set	A		6,823				6,823	U
110	Mod of In-Svc Equipment (ENFIRE)	A		1,177				1,177	U
Elect Equip - Automation									
111	Army Training Modernization			12,265				12,265	U
112	Automated Data Processing Equip			201,875		28,475		230,350	U
113	General Fund Enterprise Business Systems Fam	A		10,976				10,976	U
114	High Perf Computing Mod Pgm (HPCMP)	A		66,330				66,330	U
115	Contract Writing System	A		5,927				5,927	U
116	Reserve Component Automation Sys (RCAS)			27,896				27,896	U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-9C

xxxix

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
	Elect Equip - Audio Visual Sys (A/V)										
117	Tactical Digital Media	A		1,391		4,441		4,441			U
118	Items Less Than \$5M (Surveying Equipment)			2,509		3,414		3,414			U
	Elect Equip - Support										
119	Production Base Support (C-E)			403		499		499			U
120	BCT Emerging Technologies	A		1,750		25,050		25,050			U
999	Classified Programs			4,436		4,819		4,819			U
	Total Communications and Electronics Equipment			4,255,899		3,826,384		3,826,384		200,932	
	<u>Budget Activity 03: Other Support Equipment</u>										
	Chemical Defensive Equipment										
121	Protective Systems	A		2,966		1,613		1,613			U
122	Family of Non-Lethal Equipment (FNLE)	A		9,795		9,696		9,696			U
123	Base Defense Systems (BDS)	A		26,572						3,726	U
124	CBRN Defense	A		47,743		11,110		11,110			U
	Bridging Equipment										
125	Tactical Bridging			37,500		16,610		16,610			U
126	Tactical Bridge, Float-Ribbon			27,297		21,761		21,761			U
127	Common Bridge Transporter (CBT) Recap	A		25,176		21,046		21,046			U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A 10

xl

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
	Elect Equip - Audio Visual Sys (A/V)										
117	Tactical Digital Media	A									U
118	Items Less Than \$5M (Surveying Equipment)										U
	Elect Equip - Support										
119	Production Base Support (C-E)										U
120	BCT Emerging Technologies	A									U
999	Classified Programs										U
	Total Communications and Electronics Equipment			200,932							
	Budget Activity 03: Other Support Equipment										
	Chemical Defensive Equipment										
121	Protective Systems	A									U
122	Family of Non-Lethal Equipment (FNLE)	A									U
123	Base Defense Systems (BDS)	A		3,726							U
124	CBRN Defense	A									U
	Bridging Equipment										
125	Tactical Bridging										U
126	Tactical Bridge, Float-Ribbon										U
127	Common Bridge Transporter (CBT) Recap	A									U

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
	Elect Equip - Audio Visual Sys (A/V)								
117	Tactical Digital Media	A		4,441			4,441		U
118	Items Less Than \$5M (Surveying Equipment)			3,414			3,414		U
	Elect Equip - Support								
119	Production Base Support (C-E)			499			499		U
120	BCT Emerging Technologies	A		25,050			25,050		U
999	Classified Programs			4,819			4,819		U
	Total Communications and Electronics Equipment			4,027,316			4,027,316		
	Budget Activity 03: Other Support Equipment								
	Chemical Defensive Equipment								
121	Protective Systems	A		1,613			1,613		U
122	Family of Non-Lethal Equipment (FNLE)	A		9,696			9,696		U
123	Base Defense Systems (BDS)	A		3,726			3,726		U
124	CBRN Defense	A		11,110			11,110		U
	Bridging Equipment								
125	Tactical Bridging			16,610			16,610		U
126	Tactical Bridge, Float-Ribbon			21,761			21,761		U
127	Common Bridge Transporter (CBT) Recap	A		21,046			21,046		U

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
	Elect Equip - Audio Visual Sys (A/V)								
117	Tactical Digital Media	A		4,392			4,392		U
118	Items Less Than \$5M (Surveying Equipment)			1,970			1,970		U
	Elect Equip - Support								
119	Production Base Support (C-E)			506			506		U
120	BCT Emerging Technologies	A							U
999	Classified Programs			4,501			4,501		U
	Total Communications and Electronics Equipment			4,155,165		748,240	4,903,405		
	Budget Activity 03: Other Support Equipment								
	Chemical Defensive Equipment								
121	Protective Systems	A		2,314		27	2,341		U
122	Family of Non-Lethal Equipment (FNLE)	A		7,478		20,200	27,678		U
123	Base Defense Systems (BDS)	A				39,200	39,200		U
124	CBRN Defense	A		173,954		2,317	176,271		U
	Bridging Equipment								
125	Tactical Bridging			98,229			98,229		U
126	Tactical Bridge, Float-Ribbon			64,438			64,438		U
127	Common Bridge Transporter (CBT) Recap	A		79,916			79,916		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-10C

xlili

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Engineer (Non-Construction) Equipment											
128	Handheld Standoff Minefield Detection Sys-Hst	B			5,000		5,000				U
129	Grnd Standoff Mine Detectn Sysm (GSTAMIDS)			39,350		32,442		32,442			U
130	Area Mine Detection System (AMDS)	A		10,500		10,571		10,571			U
131	Husky Mounted Detection System (HMDS)	A		274		21,695		21,695			U
132	Robotic Combat Support System (RCSS)			3,531		4,516		4,516			U
133	EOD Robotics Systems Recapitalization	A		1,949		10,073		10,073			U
134	Robotics and Applique Systems			5,515		3,000		3,000			U
135	Explosive Ordnance Disposal Eqpmt (EOD EQPMT)			4,547							U
136	Remote Demolition Systems	A		5,238		5,847		5,847			U
137	< \$5m, Countermining Equipment	A		836		1,530		1,530			U
138	Family of Boats and Motors	A		3,567		4,302		4,302			U
Combat Service Support Equipment											
139	Heaters and ECU'S	A		18,601		7,405		7,405		270	U
140	Soldier Enhancement			2,112		1,095		1,095			U
141	Personnel Recovery Support System (PRSS)	A		10,856		5,390		5,390			U
142	Ground Soldier System	A		32,419		38,219		38,219			U
143	Mobile Soldier Power	A		22,014		10,456		10,456			U
144	Force Provider	A		53,800							U

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Engineer (Non-Construction) Equipment											
128	Handheld Standoff Minefield Detection Sys-Hst	B									U
129	Grnd Standoff Mine Detectn Sysm (GSTAMIDS)										U
130	Area Mine Detection System (AMDS)	A									U
131	Husky Mounted Detection System (HMDS)	A									U
132	Robotic Combat Support System (RCSS)										U
133	EOD Robotics Systems Recapitalization	A									U
134	Robotics and Applique Systems										U
135	Explosive Ordnance Disposal Eqpmt (EOD EQPMT)										U
136	Remote Demolition Systems	A									U
137	< \$5m, Countermine Equipment	A									U
138	Family of Boats and Motors	A									U
Combat Service Support Equipment											
139	Heaters and ECU'S	A		270							U
140	Soldier Enhancement										U
141	Personnel Recovery Support System (PRSS)	A									U
142	Ground Soldier System	A									U
143	Mobile Soldier Power	A									U
144	Force Provider	A									U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Engineer (Non-Construction) Equipment									
128	Handheld Standoff Minefield Detection Sys-Hst	B		5,000			5,000		U
129	Grnd Standoff Mine Detectn Systm (GSTAMIDS)			32,442			32,442		U
130	Area Mine Detection System (AMDS)	A		10,571			10,571		U
131	Husky Mounted Detection System (HMDS)	A		21,695			21,695		U
132	Robotic Combat Support System (RCSS)			4,516			4,516		U
133	EOD Robotics Systems Recapitalization	A		10,073			10,073		U
134	Robotics and Applique Systems			3,000			3,000		U
135	Explosive Ordnance Disposal Eqpmt (EOD EQPMT)								U
136	Remote Demolition Systems	A		5,847			5,847		U
137	< \$5m, Countermining Equipment	A		1,530			1,530		U
138	Family of Boats and Motors	A		4,302			4,302		U
Combat Service Support Equipment									
139	Heaters and ECU'S	A		7,675			7,675		U
140	Soldier Enhancement			1,095			1,095		U
141	Personnel Recovery Support System (PRSS)	A		5,390			5,390		U
142	Ground Soldier System	A		38,219			38,219		U
143	Mobile Soldier Power	A		10,456			10,456		U
144	Force Provider	A							U

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Engineer (Non-Construction) Equipment									
128	Handheld Standoff Minefield Detection Sys-Hst	B		8,471				8,471	U
129	Grnd Standoff Mine Detectn Sysm (GSTAMIDS)			29,883		16,000		45,883	U
130	Area Mine Detection System (AMDS)	A		11,594		1		11,595	U
131	Husky Mounted Detection System (HMDS)	A		40,834				40,834	U
132	Robotic Combat Support System (RCSS)			4,029		4,850		8,879	U
133	EOD Robotics Systems Recapitalization	A		14,208				14,208	U
134	Robotics and Applique Systems			31,456				31,456	U
135	Explosive Ordnance Disposal Eqpmt (EOD EQPMT)								U
136	Remote Demolition Systems	A		1,748		1		1,749	U
137	< \$5m, Countermine Equipment	A		7,829				7,829	U
138	Family of Boats and Motors	A		5,806				5,806	U
Combat Service Support Equipment									
139	Heaters and ECU'S	A		9,852		270		10,122	U
140	Soldier Enhancement			1,103				1,103	U
141	Personnel Recovery Support System (PRSS)	A		5,875		4,300		10,175	U
142	Ground Soldier System	A		92,487		1,725		94,212	U
143	Mobile Soldier Power	A		30,774				30,774	U
144	Force Provider	A				55,800		55,800	U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A 11C

xlvii

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
145	Field Feeding Equipment			15,209		15,340		15,340		145	U
146	Cargo Aerial Del & Personnel Parachute System			20,909		30,607		30,607		1,980	U
147	Family of Engr Combat and Construction Sets	A		36,809		10,426		10,426			U
148	Items Less Than \$5M (Eng Spt)	A		300							U
	Petroleum Equipment										
149	Quality Surveillance Equipment	A		8,207		6,903		6,903			U
150	Distribution Systems, Petroleum & Water			113,896		47,597		47,597			U
	Medical Equipment										
151	Combat Support Medical			75,524		43,343		43,343		25,690	U
	Maintenance Equipment										
152	Mobile Maintenance Equipment Systems	A		35,159		33,774		33,774		1,124	U
153	Items Less Than \$5.0M (Maint Eq)	A		3,404		2,728		2,728			U
	Construction Equipment										
154	Grader, Road Mtzd, Hvy, 6x4 (CCE)	A		4,789		989		989			U
155	Scrapers, Earthmoving	A		26,233		11,180		11,180			U
156	Hydraulic Excavator	B		1,123						3,850	U
157	Tractor, Full Tracked	A		5,311							U
158	All Terrain Cranes	A		67,790		8,935		8,935			U
159	High Mobility Engineer Excavator (HMEE)	A		20,563		64,339		64,339		1,932	U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
145	Field Feeding Equipment			145							U
146	Cargo Aerial Del & Personnel Parachute System			1,980							U
147	Family of Engr Combat and Construction Sets	A									U
148	Items Less Than \$5M (Eng Spt)	A									U
	Petroleum Equipment										
149	Quality Surveillance Equipment	A									U
150	Distribution Systems, Petroleum & Water										U
	Medical Equipment										
151	Combat Support Medical			25,690							U
	Maintenance Equipment										
152	Mobile Maintenance Equipment Systems	A		1,124							U
153	Items Less Than \$5.0M (Maint Eq)	A									U
	Construction Equipment										
154	Grader, Road Mtzd, Hvy, 6x4 (CCE)	A									U
155	Scrapers, Earthmoving	A									U
156	Hydraulic Excavator	B		3,850							U
157	Tractor, Full Tracked	A									U
158	All Terrain Cranes	A									U
159	High Mobility Engineer Excavator (HMEE)	A		1,932							U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
145	Field Feeding Equipment			15,485			15,485		U
146	Cargo Aerial Del & Personnel Parachute System			32,587			32,587		U
147	Family of Engr Combat and Construction Sets	A		10,426			10,426		U
148	Items Less Than \$5M (Eng Spt)	A							U
	Petroleum Equipment								
149	Quality Surveillance Equipment	A		6,903			6,903		U
150	Distribution Systems, Petroleum & Water			47,597			47,597		U
	Medical Equipment								
151	Combat Support Medical			69,033			69,033		U
	Maintenance Equipment								
152	Mobile Maintenance Equipment Systems	A		34,898			34,898		U
153	Items Less Than \$5.0M (Maint Eq)	A		2,728			2,728		U
	Construction Equipment								
154	Grader, Road Mtzd, Hvy, 6x4 (CCE)	A		989			989		U
155	Scrapers, Earthmoving	A		11,180			11,180		U
156	Hydraulic Excavator	B		3,850			3,850		U
157	Tractor, Full Tracked	A							U
158	All Terrain Cranes	A		8,935			8,935		U
159	High Mobility Engineer Excavator (HMEE)	A		66,271			66,271		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A 12B

1

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c	
			Quantity	Cost	Quantity	Cost	Quantity	Cost		
145	Field Feeding Equipment			17,521		1,035		18,556	U	
146	Cargo Aerial Del & Personnel Parachute System			44,855		1,980		46,835	U	
147	Family of Engr Combat and Construction Sets	A		17,173				17,173	U	
148	Items Less Than \$5M (Eng Spt)	A		2,000				2,000	U	
	Petroleum Equipment									
149	Quality Surveillance Equipment	A		1,770				1,770	U	
150	Distribution Systems, Petroleum & Water			39,730				39,730	U	
	Medical Equipment									
151	Combat Support Medical			57,752		17,527		75,279	U	
	Maintenance Equipment									
152	Mobile Maintenance Equipment Systems	A		37,722				37,722	U	
153	Items Less Than \$5.0M (Maint Eq)	A		4,985		268		5,253	U	
	Construction Equipment									
154	Grader, Road Mtzd, Hvy, 6x4 (CCE)	A							U	
155	Scrapers, Earthmoving	A		7,961				7,961	U	
156	Hydraulic Excavator	B		1,355				1,355	U	
157	Tractor, Full Tracked	A							U	
158	All Terrain Cranes	A		13,031				13,031	U	
159	High Mobility Engineer Excavator (HMEE)	A		46,048		25,700		71,748	U	

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Page A-12C

li

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
160	Enhanced Rapid Airfield Construction Capap	B		2,779		2,563		2,563			U
161	Const Equip Esp			15,338		19,032		19,032			U
162	Items Less Than \$5.0M (Const Equip)	A		8,075		6,899		6,899			U
	Rail Float Containerization Equipment										
163	Army Watercraft Esp	A		21,860		20,110		20,110			U
164	Items Less Than \$5.0M (Float/Rail)	A		1,967		2,877		2,877			U
	Generators										
165	Generators and Associated Equip	A		132,391		115,635		115,635		569	U
166	Tactical Electric Power Recapitalization	A		7,867		7,436		7,436			U
	Material Handling Equipment										
167	Family of Forklifts	A		3,153		9,000		9,000			U
	Training Equipment										
168	Combat Training Centers Support			75,359		88,888		88,888			U
169	Training Devices, Nonsystem			253,050		285,989		285,989		2,700	U
170	Close Combat Tactical Trainer	A		47,962		45,718		45,718			U
171	Aviation Combined Arms Tactical Trainer			38,000		30,568		30,568			U
172	Gaming Technology In Support of Army Training			13,852		5,406		5,406			U
	Test Measure and Dig Equipment (TMD)										
173	Calibration Sets Equipment			4,963		5,564		5,564			U

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
160	Enhanced Rapid Airfield Construction Capap	B									U
161	Const Equip Esp										U
162	Items Less Than \$5.0M (Const Equip)	A									U
	Rail Float Containerization Equipment										
163	Army Watercraft Esp	A									U
164	Items Less Than \$5.0M (Float/Rail)	A									U
	Generators										
165	Generators and Associated Equip	A		569							U
166	Tactical Electric Power Recapitalization	A									U
	Material Handling Equipment										
167	Family of Forklifts	A									U
	Training Equipment										
168	Combat Training Centers Support										U
169	Training Devices, Nonsystem			2,700							U
170	Close Combat Tactical Trainer	A									U
171	Aviation Combined Arms Tactical Trainer										U
172	Gaming Technology In Support of Army Training										U
	Test Measure and Dig Equipment (TMD)										
173	Calibration Sets Equipment										U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
160	Enhanced Rapid Airfield Construction Capap	B		2,563			2,563		U
161	Const Equip Esp			19,032			19,032		U
162	Items Less Than \$5.0M (Const Equip)	A		6,899			6,899		U
	Rail Float Containerization Equipment								
163	Army Watercraft Esp	A		20,110			20,110		U
164	Items Less Than \$5.0M (Float/Rail)	A		2,877			2,877		U
	Generators								
165	Generators and Associated Equip	A		116,204			116,204		U
166	Tactical Electric Power Recapitalization	A		7,436			7,436		U
	Material Handling Equipment								
167	Family of Forklifts	A		9,000			9,000		U
	Training Equipment								
168	Combat Training Centers Support			88,888			88,888		U
169	Training Devices, Nonsystem			288,689			288,689		U
170	Close Combat Tactical Trainer	A		45,718			45,718		U
171	Aviation Combined Arms Tactical Trainer			30,568			30,568		U
172	Gaming Technology In Support of Army Training			5,406			5,406		U
	Test Measure and Dig Equipment (TMD)								
173	Calibration Sets Equipment			5,564			5,564		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
160	Enhanced Rapid Airfield Construction Capap	B		980			980		U
161	Const Equip Esp			37,017			37,017		U
162	Items Less Than \$5.0M (Const Equip)	A		6,103			6,103		U
	Rail Float Containerization Equipment								
163	Army Watercraft Esp	A		27,711			27,711		U
164	Items Less Than \$5.0M (Float/Rail)	A		8,385			8,385		U
	Generators								
165	Generators and Associated Equip	A		133,772		569	134,341		U
166	Tactical Electric Power Recapitalization	A		8,333			8,333		U
	Material Handling Equipment								
167	Family of Forklifts	A		12,901			12,901		U
	Training Equipment								
168	Combat Training Centers Support			123,228			123,228		U
169	Training Devices, Nonsystem			228,598			228,598		U
170	Close Combat Tactical Trainer	A		33,080			33,080		U
171	Aviation Combined Arms Tactical Trainer			32,700			32,700		U
172	Gaming Technology In Support of Army Training			25,161			25,161		U
	Test Measure and Dig Equipment (TMD)								
173	Calibration Sets Equipment			4,270			4,270		U

P-119PB: FY 2019 President's Budget (Published Version), as of January 23, 2018 at 10:56:41

UNCLASSIFIED

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
174	Integrated Family of Test Equipment (IFTE)			35,737		30,144		30,144		7,500	U
175	Test Equipment Modernization (TEMOD)			7,482		7,771		7,771			U
	Other Support Equipment										
176	M25 Stabilized Binocular	A		3,149		3,956		3,956			U
177	Rapid Equipping Soldier Support Equipment	A		30,503		5,000		5,000		8,500	U
178	Physical Security Systems (OPA3)	A		44,082		60,047		60,047			U
179	Base Level Common Equipment			2,168		13,239		13,239			U
180	Modification of In-Svc Equipment (OPA-3)			80,438		60,192		60,192			U
181	Production Base Support (OTH)			1,528		2,271		2,271			U
182	Special Equipment for User Testing			14,289		5,319		5,319			U
183	Tractor Yard			6,888		5,935		5,935			U
	Total Other Support Equipment			1,680,264		1,359,097		1,359,097		57,986	
	<u>Budget Activity 04: Spare and Repair Parts</u>										
	OPA2										
184	Initial Spares - C&E			26,650		38,269		38,269			U
	Total Spare and Repair Parts			26,650		38,269		38,269			

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests**		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
174	Integrated Family of Test Equipment (IFTE)			7,500							U
175	Test Equipment Modernization (TEMOD)										U
	Other Support Equipment										
176	M25 Stabilized Binocular	A									U
177	Rapid Equipping Soldier Support Equipment	A		8,500							U
178	Physical Security Systems (OPA3)	A									U
179	Base Level Common Equipment										U
180	Modification of In-Svc Equipment (OPA-3)										U
181	Production Base Support (OTH)										U
182	Special Equipment for User Testing										U
183	Tractor Yard										U
	Total Other Support Equipment			57,986							
	Budget Activity 04: Spare and Repair Parts										
	OPA2										
184	Initial Spares - C&E										U
	Total Spare and Repair Parts										

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total		FY 2018 Less Enacted		FY 2018 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
174	Integrated Family of Test Equipment (IFTE)			37,644			37,644		U
175	Test Equipment Modernization (TEMOD)			7,771			7,771		U
	Other Support Equipment								
176	M25 Stabilized Binocular	A		3,956			3,956		U
177	Rapid Equipping Soldier Support Equipment	A		13,500			13,500		U
178	Physical Security Systems (OPA3)	A		60,047			60,047		U
179	Base Level Common Equipment			13,239			13,239		U
180	Modification of In-Svc Equipment (OPA-3)			60,192			60,192		U
181	Production Base Support (OTH)			2,271			2,271		U
182	Special Equipment for User Testing			5,319			5,319		U
183	Tractor Yard			5,935			5,935		U
	Total Other Support Equipment			1,417,083			1,417,083		
Budget Activity 04: Spare and Repair Parts									
	OPA2								
184	Initial Spares - C&E			38,269			38,269		U
	Total Spare and Repair Parts			38,269			38,269		

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base		FY 2019 OCO		FY 2019 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
174	Integrated Family of Test Equipment (IFTE)			76,295		9,495		85,790	U
175	Test Equipment Modernization (TEMOD)			9,806				9,806	U
	Other Support Equipment								
176	M25 Stabilized Binocular	A		4,368		33		4,401	U
177	Rapid Equipping Soldier Support Equipment	A		9,879		18,000		27,879	U
178	Physical Security Systems (OPA3)	A		54,043		6,000		60,043	U
179	Base Level Common Equipment			6,633		2,080		8,713	U
180	Modification of In-Svc Equipment (OPA-3)			49,797		19,200		68,997	U
181	Production Base Support (OTH)			2,301				2,301	U
182	Special Equipment for User Testing			11,608				11,608	U
183	Tractor Yard			4,956				4,956	U
	Total Other Support Equipment			1,926,106		246,578		2,172,684	
	Budget Activity 04: Spare and Repair Parts								
	OPA2								
184	Initial Spares - C&E			9,817				9,817	U
	Total Spare and Repair Parts			9,817				9,817	

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2017 (Base + OCO)		FY 2018 PB Request with CR Adj Base		FY 2018 Total PB Requests* with CR Adj Base		FY 2018 PB Request with CR Adj OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 20: Undistributed											
Undistributed											
185	Adj to Match Continuing Resolution	A			-447,278		-447,278		1,421,544		U
Total Undistributed					-447,278		-447,278		1,421,544		
Total Other Procurement, Army				7,867,971		6,022,053		6,022,053		1,827,119	

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests+ with CR Adj OCO		FY 2018 Emergency Requests** Emergency		FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req Emergency		S e c -
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 20: Undistributed											
Undistributed											
	185 Adj to Match Continuing Resolution	A	1,421,544								U
	Total Undistributed		1,421,544								
	Total Other Procurement, Army		1,827,119								

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**		FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs		FY 2018 Remaining Req with CR Adj Base + OCO + Emergency		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 20: Undistributed									
Undistributed									
	185 Adj to Match Continuing Resolution	A		974,266			974,266		U
	Total Undistributed			974,266			974,266		
	Total Other Procurement, Army			7,849,172			7,849,172		

UNCLASSIFIED

Department of the Army
 FY 2019 President's Budget
 Exhibit P-1 FY 2019 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

23 Jan 2018

Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2019 Base Quantity	FY 2019 Base Cost	FY 2019 OCO Quantity	FY 2019 OCO Cost	FY 2019 Total Quantity	FY 2019 Total Cost	Se- c
Budget Activity 20: Undistributed									
Undistributed									
185	Adj to Match Continuing Resolution	A							U
Total Undistributed									
Total Other Procurement, Army			7,999,529		1,382,047		9,381,576		

UNCLASSIFIED

Army • Budget Estimates FY 2019 • Procurement

Line Item Table of Contents (by Appropriation then Line Number)

Appropriation 2035A: Other Procurement, Army

Line #	BA	BSA	Line Item Number	Line Item Title	Page
1	01	10	0254DA0100	Tactical Trailers/Dolly Sets.....	1
2	01	10	0930D01001	Semitrailers, Flatbed:.....	9
3	01	10	3446D15400	HI MOB MULTI-PURP WHLD VEH (HMMWV).....	25
4	01	10	3484D15501	Ground Mobility Vehicles (GMV).....	32
5	01	10	3636D10000	ARNG HMMWV Modernization Program.....	40
6	01	10	5600D15603	JOINT LIGHT TACTICAL VEHICLE.....	42
7	01	10	5862D16001	TRUCK, DUMP, 20T (CCE).....	53
8	01	10	6866D15500	Family Of Medium Tactical Veh (FMTV).....	58
9	01	10	7000D15800	Firetrucks & Associated Firefighting Equip.....	77
10	01	10	8309DA0500	Family Of Heavy Tactical Vehicles (FHTV).....	85
11	01	10	8331D16506	PLS ESP.....	110
12	01	10	8948DV0021	Hvy Expanded Mobile Tactical Truck Ext Serv.....	112
13	01	10	8980D04003	Tactical Wheeled Vehicle Protection Kits.....	121
14	01	10	8992DA0924	Modification Of In Svc Equip.....	135
15	01	10	8995D03002	Mine-Resistant Ambush-Protected (MRAP) Mods.....	145
16	01	20	0300D22100	Heavy Armored Sedan.....	146

UNCLASSIFIED

UNCLASSIFIED

Army • Budget Estimates FY 2019 • Procurement

Appropriation 2035A: Other Procurement, Army

Line #	BA	BSA	Line Item Number	Line Item Title	Page
17	01	20	0358D23000	Passenger Carrying Vehicles.....	147
18	01	20	2450D30000	NonTactical Vehicles, Other.....	149

UNCLASSIFIED

UNCLASSIFIED

Army • Budget Estimates FY 2019 • Procurement

Line Item Table of Contents (Alphabetically by Line Item Title)

Line Item Title	Line Item Number	Line #	BA	BSA	Page
ARNG HMMWV Modernization Program	3636D10000	5	01	10.....	40
Family Of Heavy Tactical Vehicles (FHTV)	8309DA0500	10	01	10.....	85
Family Of Medium Tactical Veh (FMTV)	6866D15500	8	01	10.....	58
Firetrucks & Associated Firefighting Equip	7000D15800	9	01	10.....	77
Ground Mobility Vehicles (GMV)	3484D15501	4	01	10.....	32
HI MOB MULTI-PURP WHLD VEH (HMMWV)	3446D15400	3	01	10.....	25
Heavy Armored Sedan	0300D22100	16	01	20.....	146
Hvy Expanded Mobile Tactical Truck Ext Serv	8948DV0021	12	01	10.....	112
JOINT LIGHT TACTICAL VEHICLE	5600D15603	6	01	10.....	42
Mine-Resistant Ambush-Protected (MRAP) Mods	8995D03002	15	01	10.....	145
Modification Of In Svc Equip	8992DA0924	14	01	10.....	135
NonTactical Vehicles, Other	2450D30000	18	01	20.....	149
PLS ESP	8331D16506	11	01	10.....	110
Passenger Carrying Vehicles	0358D23000	17	01	20.....	147
Semitrailers, Flatbed:	0930D01001	2	01	10.....	9
TRUCK, DUMP, 20T (CCE)	5862D16001	7	01	10.....	53
Tactical Trailers/Dolly Sets	0254DA0100	1	01	10.....	1

UNCLASSIFIED

UNCLASSIFIED

Army • Budget Estimates FY 2019 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
Tactical Wheeled Vehicle Protection Kits	8980D04003	13	01	10.....	121

UNCLASSIFIED

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles	P-1 Line Item Number / Title: 0254DA0100 / Tactical Trailers/Dolly Sets
--	---

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
---	--	-------------------------------------

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	13	11	85	411	-	411	358	454	366	316	-	2,014
Gross/Weapon System Cost (<i>\$ in Millions</i>)	16.434	2.578	9.716	16.512	-	16.512	15.997	19.253	15.160	13.413	-	109.063
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	16.434	2.578	9.716	16.512	-	16.512	15.997	19.253	15.160	13.413	-	109.063
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	16.434	2.578	9.716	16.512	-	16.512	15.997	19.253	15.160	13.413	-	109.063

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	1,264.154	234.364	114.306	40.175	-	40.175	44.684	42.407	41.421	42.446	-	54.152

Description:

Tactical trailers and dolly sets are used to transport generators, shelters, drinking water, ammunition, and general cargo. This budget line funds the Light Engineer Utility Trailer (LEUT). 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). The Light Engineer Utility Trailer (LEUT) is a pintle towed light utility trailer. The LEUT will be used across the full spectrum of military operations to include deployments and to support nation-building operations. The LEUT will transport key construction and mine clearing enablers such as Skid Steer Loaders (SSL), Backhoe Loaders (BHL) and M160 Robotic Mine Flail. Two types of LEUTs are required. Type I LEUT is a 5-ton payload capacity trailer which must be Low Velocity Air Drop (LVAD) capable. Type II LEUT is a 12-ton payload capacity trailer. The prime movers for the Type I and Type II LEUT are the HEMTT, 2.5 ton cargo, 5-ton cargo, and 5, 10, and 20-ton dump trucks. The Army Acquisition Objective for the LEUT is 2,563 (Type I: 1,359 and Type II: 1,204).

Secondary Distribution	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	
Army	Quantity	11	12	40	-	40	38	45	33	26
	Total Obligation Authority	2.578	1.360	1.588	-	1.588	1.566	1.943	1.352	1.090
ANG	Quantity	-	41	210	-	210	182	233	188	166
	Total Obligation Authority	-	4.761	8.502	-	8.502	8.222	9.862	7.867	7.021
AR	Quantity	-	32	161	-	161	138	176	145	124
	Total Obligation Authority	-	3.595	6.422	-	6.422	6.209	7.448	5.941	5.302
Total: Secondary Distribution	Quantity	11	85	411	-	411	358	454	366	316
	Total Obligation Authority	2.578	9.716	16.512	-	16.512	15.997	19.253	15.160	13.413

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:** 0254DA0100 / Tactical Trailers/Dolly Sets

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D05803 / Light Equipment Utility Trailer	P-5a, P-21			13 / 16.434	11 / 2.578	85 / 9.716	411 / 16.512	- / -	411 / 16.512
P-40	Total Gross/Weapon System Cost				13 / 16.434	11 / 2.578	85 / 9.716	411 / 16.512	- / -	411 / 16.512

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Base procurement dollars in the amount of \$16.512 million supports the procurement of 220 Type I LEUTs and 191 Type II LEUTs to include manuals, transportation, and fielding. Acquisition Strategy includes test articles and Low Rate Initial Production (LRIP) quantities for Type I and Type II trailers. The LEUT will provide engineer units with a critically needed dedicated small equipment transport capability. With the LEUT's ability to transport key construction enablers, the LEUT will allow future force units the ability to gain, control and sustain route access in a timely manner and effectively maintain momentum/mobility throughout the battlespace.

Prior Year Total Obligation Authority is incorrect. Correct amount should be \$10.318M, quantity of 13.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 0254DA0100 / Tactical Trailers/Dolly Sets	Item Number / Title [DODIC]: D05803 / Light Equipment Utility Trailer

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	13	11	85	411	-	411
Gross/Weapon System Cost (\$ in Millions)	16.434	2.578	9.716	16.512	-	16.512
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	16.434	2.578	9.716	16.512	-	16.512
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	16.434	2.578	9.716	16.512	-	16.512

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	1,264.154	234.364	114.306	40.175	-	40.175

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Trailers - Type I 5-Ton ^(†)	-	-	-	25.000	11	0.275	25.000	42	1.050	25.000	220	5.500	-	-	-	25.000	220	5.500
Trailers - Type II 12-Ton ^(†)	32.000	13	0.416	-	-	-	32.000	43	1.376	32.000	191	6.112	-	-	-	32.000	191	6.112
Logistics/Manuals	-	-	2.000	-	-	1.350	-	-	1.451	-	-	0.150	-	-	-	-	-	0.150
PM Support	-	-	13.450	-	-	0.348	-	-	1.248	-	-	1.600	-	-	-	-	-	1.600
Engineering Change Proposals	-	-	0.010	-	-	0.015	-	-	0.188	-	-	0.250	-	-	-	-	-	0.250
Government Testing	-	-	0.508	-	-	0.540	-	-	4.241	-	-	0.400	-	-	-	-	-	0.400
Fielding	-	-	0.050	-	-	0.050	-	-	0.162	-	-	2.500	-	-	-	-	-	2.500
<i>Subtotal: Recurring Cost</i>	-	-	16.434	-	-	2.578	-	-	9.716	-	-	16.512	-	-	-	-	-	16.512
<i>Subtotal: Flyaway Cost</i>	-	-	16.434	-	-	2.578	-	-	9.716	-	-	16.512	-	-	-	-	-	16.512
Gross/Weapon System Cost	1,264.154	13	16.434	234.364	11	2.578	114.306	85	9.716	40.175	411	16.512	-	-	-	40.175	411	16.512

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	11	12	40	-	40
	Total Obligation Authority	2.578	1.360	1.588	-	1.588
ANG	Quantity	-	41	210	-	210
	Total Obligation Authority	-	4.761	8.502	-	8.502

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 0254DA0100 / Tactical Trailers/Dolly Sets	Item Number / Title [DODIC]: D05803 / Light Equipment Utility Trailer
--	---	---

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
AR	Quantity	-	32	161	-	161
	Total Obligation Authority	-	3,595	6,422	-	6,422
Total: Secondary Distribution	Quantity	11	85	411	-	411
	Total Obligation Authority	2.578	9.716	16.512	-	16.512

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 0254DA0100 / Tactical Trailers/Dolly Sets	Item Number / Title [DODIC]: D05803 / Light Equipment Utility Trailer
--	---	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Trailers - Type I 5-Ton ^(†)		2017	TBD - Type I / TBD - Type I	C / FFP	TACOM, Warren	Dec 2018	Jun 2019	11	25.000	Y		Apr 2018
Trailers - Type I 5-Ton ^(†)		2018	TBD - Type I / TBD - Type I	C / FFP	TACOM, Warren	Apr 2018	Aug 2018	42	25.000	Y		
Trailers - Type I 5-Ton ^(†)		2019	TBD - Type I / TBD - Type I	C / FFP	TACOM, Warren	Sep 2019	Jan 2020	220	25.000	Y		
Trailers - Type II 12-Ton ^(†)		2016	TBD - Type II / TBD - Type II	C / FFP	TACOM, Warren	Aug 2018	Feb 2019	13	32.000	Y		Jan 2018
Trailers - Type II 12-Ton ^(†)		2018	TBD - Type II / TBD - Type II	C / FFP	TACOM, Warren	Apr 2018	Aug 2018	43	32.000	Y		
Trailers - Type II 12-Ton ^(†)		2019	TBD - Type II / TBD - Type II	C / FFP	TACOM, Warren	Jul 2019	Nov 2019	191	32.000	Y		

^(†) indicates the presence of a P-21

Remarks:

PM/Matrix Support includes PM and System Engineering oversight required to manage the program and provide contractor oversight. Salaries, Benefits, Travel, Personnel Training and other government costs are included for retaining a professional acquisition workforce.

There is a 3-6 month gap between production of test assets and contract award for FY18 and FY19 funding. The gap is due to First Article Test followed by validation/verification.

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10 **P-1 Line Item Number / Title:** 0254DA0100 / Tactical Trailers/Dolly Sets **Item Number / Title [DODIC]:** D05803 / Light Equipment Utility Trailer

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020												Fiscal Year 2021												BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020												Calendar Year 2021												
							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
Trailers - Type I 5-Ton																															
	1	2017	ARMY	11	11	0																							0		
	1	2018	ARMY	42	42	0																							0		
	1	2019	ARMY	220	0	220	-	-	-	10	15	20	25	25	27	27	27	25	-	19									0		
Trailers - Type II 12-Ton																															
	2	2016	ARMY	13	13	0																							0		
	2	2018	ARMY	43	43	0																							0		
	2	2019	ARMY	191	0	191	-	10	15	20	25	25	25	25	25	21													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	

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army	Date: February 2018
--	----------------------------

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 0254DA0100 / Tactical Trailers/Dolly Sets	Item Number / Title [DODIC]: D05803 / Light Equipment Utility Trailer
--	---	---

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	TBD - Type I - TBD - Type I	6	40	65	0	39	6	45	0	21	4	25
2	TBD - Type II - TBD - Type II	6	40	65	0	33	6	39	0	17	4	21

Remarks:
There is a 3-6 month gap between production of test assets and contract award for FY18 and FY19 funding. The gap is due to First Article Test followed by validation/verification.

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
0930D01001 / Semitrailers, Flatbed:

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	541.225	26.386	14.151	16.951	8.000	24.951	26.123	23.602	24.018	28.133	-	708.589
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	541.225	26.386	14.151	16.951	8.000	24.951	26.123	23.602	24.018	28.133	-	708.589
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	541.225	26.386	14.151	16.951	8.000	24.951	26.123	23.602	24.018	28.133	-	708.589

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	105.124	116.950	141.258	114.286	131.321	105.335	70.244	71.696	73.454	-	380.144

Description:

The M870A4 SEMITRAILER is a 40-Ton payload, mechanical folding gooseneck, level-deck trailer with rear ramps capable of handling payloads on primary, secondary, and trail profile roads. The primary mission of the M870A4 is to transport engineering equipment as well as pavers, compactors, the Hydraulic Excavator (HYEX) and dozers. The M870A4 is an enabling capability for theater access operations to provide transport of construction equipment used by units for horizontal construction projects in support of military or other national goals and objectives. The M870A4 supports construction and maintenance of main supply routes, logistical facilities, bituminous roads, helipads, airfields, landing strips, motor pools and parking areas supporting sustainment operations throughout the full spectrum of operations. The Army Acquisition Objective (AAO) is 2,767.

The M871A3 SEMITRAILER is a 22.5-Ton drop deck/break-bulk (DD/BB) container transporter. It is a tactical, dual purpose, bulk and container transporter. It transports 20-foot ISO (International Organization for Standardization) containers on line haul missions and is the primary means of distributing containers and bulk cargo. The AAO is 4,591.

The M872A4 SEMITRAILER is a 34-Ton dual purpose, break-bulk container transporter. The M872A4 is a commercially-adapted semitrailer, with missions to transport a single 40-foot or two 20-foot ISO (International Organization for Standardization) containers, palletized cargo, and light combat and tactical vehicles. The M872A4 supports sustainment operations and freedom of movement and is critical for moving large volumes of cargo from ports to Division areas supporting full-spectrum military operations. The M872 is a readiness pacing item for Army Medium Truck Companies. The AAO is 7,142.

The M172 SEMITRAILER LOW BED 25-Ton is used to transport construction equipment, Class IV construction materials and logistical provisions supporting mobility, counter-mobility, survivability and sustainment operations. The Semitrailer Low Bed (STLB) is a commercially-adapted semitrailer with a 25-ton payload capacity, flat level-deck and rear loading ramps. Funds in this budget line are a new start program. The AAO is 1,299.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	26.386	14.151	16.951	8.000	24.951	8.349	6.576	14.964	17.260
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	10.578	14.850	6.025	7.192

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army							Date: February 2018			
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles					P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:					
ID Code (A=Service Ready, B=Not Service Ready): A			Program Elements for Code B Items: N/A			Other Related Program Elements: 0604622A				
Line Item MDAP/MAIS Code: N/A										

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	7.196	2.176	3.029	3.681
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	26.386	14.151	16.951	8.000	24.951	26.123	23.602	24.018	28.133

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
0930D01001 / Semitrailers, Flatbed:

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D00700 / SEMITRAILER LB 40T M870A1 (CCE)	P-5a	A		- / 165.113	- / 26.386	- / 2.651	- / 3.475	- / -	- / 3.475
P-5	D01600 / SEMITRAILER FB BB/CONT TR 34T M872 C/S	P-5a, P-21	A		- / 376.112	- / -	- / 11.500	- / 11.858	- / 8.000	- / 19.858
P-5	D01650 / SEMITRAILER LOW BED 25 TON	P-5a			- / -	- / -	- / -	- / 1.618	- / -	- / 1.618
P-40	Total Gross/Weapon System Cost				- / 541.225	- / 26.386	- / 14.151	- / 16.951	- / 8.000	- / 24.951

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

D00700 / SEMITRAILER 40-Ton (M870): FY 2019 Base procurement dollars in the amount of \$3.475 million supports M870A4 Production Verification Testing (PVT) of the low-rate initial-production (LRIP) trailers. PVT will include performance and endurance testing to meet Key Performance Parameters (KPPs) of Payload, Transportability and Deployability towards Full Rate Production (FRP).

D01600 / SEMITRAILER 34-Ton (M872): FY 2019 Base procurement dollars in the amount of \$11.858 million supports the procurement of 111 M872A4 semitrailers to respond to line haul transportation requirements and address urgent readiness needs. The M872 semitrailer is a readiness pacing item for Army Medium Truck Companies and is critical for moving large volumes of cargo from ports to Brigade Combat Team (BCT) areas. A world-wide inspection of M872A0-A3 trailers found severe corrosion and 48 percent of the fleet are designated as non-mission capable (NMC) items requiring replacement. The majority of the M872 semitrailer fleet is aged beyond its economic useful life (EUL) and needs to be replaced.

D01650 / SEMITRAILER LOW BED 25-Ton (M172): FY 2019 Base procurement dollars in the amount of \$1.618 million supports the procurement of nine (9) low-rate initial-production (LRIP) semitrailers. LRIP trailers will support first article test (FAT) and production verification test (PVT). The existing M172 trailer fleet has an average age over 50 years old. Funds in this budget line are a new start Program.

D01600 / SEMITRAILER 34-Ton (M872): FY 2019 OCO procurement dollars in the amount of \$8.000 million supports the procurement of 78 M872A4 semitrailers to respond to line haul transportation requirements and address urgent readiness needs for the European Deterrence Initiative (EDI). The M872 semitrailer is a readiness pacing item for Army Medium Truck Companies and is critical for moving large volumes of cargo from ports to Brigade Combat Team (BCT) areas. A world-wide inspection of M872A0-A3 trailers found severe corrosion and 48 percent of the fleet are designated as non-mission capable (NMC) items requiring replacement. The majority of the M872 semitrailer fleet is aged beyond its economic useful life (EUL) and needs to be replaced.

The quantities in the D01001 P-40 Resource Summary and Secondary Distribution Table have been temporarily suppressed in the database to avoid confusion between the Exhibits. The correct quantities for FY 2019 Base are as follows:

- D00700 / SEMITRAILER 40-Ton (M870): 0 trailers
- D01600 / SEMITRAILER 34-Ton (M872): 189 trailers (111 ea w/Base funds + 78 ea w/OCO (EDI) funds)
- D01650 / SEMITRAILER LOW BED 25-Ton (M172): 9 LRIP trailers
- Total for FY 2019 D01001: 198 trailers

Gross Weapon System Unit Cost increase from FY 2018 to FY 2019 (Base) is due to the fact that two of the three semitrailer programs being funded in FY 2019 are not yet in full rate production and most of the funding is dedicated to testing and test/program support.

The FY 2019 funding request was reduced for \$0.475 million to account for the availability of prior year execution balances

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles		P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604622A
Line Item MDAP/MAIS Code: N/A		
IAW Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.		

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:
		Item Number / Title [DODIC]: D00700 / SEMITRAILER LB 40T M870A1 (CCE)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	165.113	26.386	2.651	3.475	-	3.475
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	165.113	26.386	2.651	3.475	-	3.475
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	165.113	26.386	2.651	3.475	-	3.475

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	105.124	73.639	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
M870A4/M872A4 SEMITRAILERS ^(†)	-	-	150.375	82.920	251	20.813	-	-	-	-	-	-	-	-	-	-	-	-
FRET	-	-	0.653	-	-	2.160	-	-	-	-	-	-	-	-	-	-	-	-
Systems Engineering/ Program Mgt (SEPM)	-	-	5.423	-	-	1.162	-	-	1.042	-	-	0.350	-	-	-	-	-	0.350
Testing	-	-	4.178	-	-	1.155	-	-	1.570	-	-	3.125	-	-	-	-	-	3.125
Fielding	-	-	2.274	-	-	0.628	-	-	0.015	-	-	-	-	-	-	-	-	-
First Destination Transportation	-	-	2.210	-	-	0.468	-	-	0.024	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	165.113	-	-	26.386	-	-	2.651	-	-	3.475	-	-	-	-	-	3.475
<i>Subtotal: Flyaway Cost</i>	-	-	165.113	-	-	26.386	-	-	2.651	-	-	3.475	-	-	-	-	-	3.475
Gross/Weapon System Cost	-	-	165.113	105.124	-	26.386	73.639	-	2.651	-	-	3.475	-	-	-	-	-	3.475

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	26.386	2.651	3.475	-	3.475
Total:	Quantity	-	-	-	-	-

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army			Date: February 2018			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:		Item Number / Title [DODIC]: D00700 / SEMITRAILER LB 40T M870A1 (CCE)		
ID Code (A=Service Ready, B=Not Service Ready) : A			MDAP/MAIS Code:			
Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Secondary Distribution	Total Obligation Authority	26.386	2.651	3.475	-	3.475

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:				Item Number / Title [DODIC]: D00700 / SEMITRAILER LB 40T M870A1 (CCE)					
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
M870A4/M872A4 SEMITRAILERS		2017	TBD / TBD	C / IDIQ	TACOM, Warren, MI	Jun 2018	Dec 2018	49	68.270	N		
M870A4/M872A4 SEMITRAILERS		2017	Talbert Manufacturing Inc. / Rensselaer, IN	SS / FFP	TACOM, Warren, MI	Oct 2017	Jan 2018	202	86.480	Y		

Remarks:

M870A4 Acquisition Strategy: 2 contractors were awarded an Indefinite Delivery Indefinite Quantity (IDIQ) contract in August 2016 for two trailers each for a competitive run-off test prior to execution of Low Rate Initial Production (LRIP) award. Evaluation of Fair Opportunity Submission Request (FOSR) will result in the award of Delivery Order #2 in 3QFY2018 for 11 LRIP trailers. Completion of Production Verification Test (PVT) and Developmental Test / Operational Test (DT/OT) will occur in FY 2020, with Full Rate Production (FRP) decision in FY 2021.

FY 2017 includes a quantity of 202 M872A4 Semitrailers awarded to Talbert Manufacturing Inc. FY 2017 funds for M872 Semitrailers were placed on the M870 Semitrailer funding line in early October 2017. The remaining FY 2017 quantity of 49 are M870A4 Semitrailers. The combination of these two procurement funding lines in FY 2017 also resulted in a fluctuating gross weapon system unit cost on this (D00700) Exhibit.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:
		Item Number / Title [DODIC]: D01600 / SEMITRAILER FB BB/CONT TR 34T M872 C/S

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	376.112	-	11.500	11.858	8.000	19.858
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	376.112	-	11.500	11.858	8.000	19.858
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	376.112	-	11.500	11.858	8.000	19.858

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	135.294	106.829	114.286	109.713

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
M872A4 Vehicle with FRET ^(†)	117.498	3,201	376.112	-	-	-	121.464	85	10.324	99.567	111	11.052	98.756	78	7.703	99.232	189	18.755
Program Management	-	-	-	-	-	-	-	-	0.923	-	-	0.490	-	-	-	-	-	0.490
System Fielding	-	-	-	-	-	-	-	-	0.074	-	-	0.025	-	-	0.035	-	-	0.060
Transportation	-	-	-	-	-	-	-	-	0.178	-	-	0.221	-	-	0.159	-	-	0.380
Engineering Changes (ECPs)	-	-	-	-	-	-	-	-	-	-	-	0.070	-	-	0.103	-	-	0.173
<i>Subtotal: Recurring Cost</i>	-	-	376.112	-	-	-	-	-	11.500	-	-	11.858	-	-	8.000	-	-	19.858
<i>Subtotal: Flyaway Cost</i>	-	-	376.112	-	-	-	-	-	11.500	-	-	11.858	-	-	8.000	-	-	19.858
Gross/Weapon System Cost	-	-	376.112	-	-	-	135.294	-	11.500	106.829	-	11.858	114.286	-	8.000	109.713	-	19.858

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	11.500	11.858	8.000	19.858
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	-	11.500	11.858	8.000	19.858

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:	Item Number / Title [DODIC]: D01600 / SEMITRAILER FB BB/CONT TR 34T M872 C/S
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:
^(†) indicates the presence of a P-5a		

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:				Item Number / Title [DODIC]: D01600 / SEMITRAILER FB BB/CONT TR 34T M872 C/S					

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
M872A4 Vehicle with FRET ^(†)		2018	TALBERT MANUFACTURING INC. / RENSSELAER, IN	SS / FFP	TACOM, Warren, MI	Apr 2018	Jul 2018	85	121.464	Y		Jan 2018
M872A4 Vehicle with FRET ^(†)		2019	TALBERT MANUFACTURING INC. / RENSSELAER, IN	SS / FFP	TACOM, Warren, MI	Feb 2019	Apr 2019	189	99.232	Y		

^(†) indicates the presence of a P-21

Remarks:

FY 2018 OPA Base funds, FY 2019 OPA Base funds and FY 2019 OPA OCO (EDI) funds will be used for the reprocurement of M872A4 Semitrailers under a sole source, multi-year contract with Talbert Manufacturing of Rensselaer, Indiana. Talbert Manufacturing is the OEM of the M872A4 and owns the Technical Data Package (TDP). TACOM Contracting Center will negotiate a multi-year, sole source, FFP, IDIQ contract utilizing FY18-FY24 OPA funds. There is an immediate need for M872A4 semitrailers since 48% of the M872A0-A3 semitrailer fleet has recently been coded as unserviceable due to severe corrosion.

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:										Item Number / Title [DODIC]: D01600 / SEMITRAILER FB BB/CONT TR 34T M872 C/S									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020												Fiscal Year 2021												B A L A N C E	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020												Calendar Year 2021												
							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

M872A4 Vehicle with FRET																																				
Prior Years Deliveries: 3201																																				
1	2018	ARMY	85	85	0																															0
1	2019	ARMY	189	89	100	20	20	20	16	14	10																									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							

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:
		Item Number / Title [DODIC]: D01600 / SEMITRAILER FB BB/CONT TR 34T M872 C/S

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	TALBERT MANUFACTURING INC. - RENSSELAER, IN	8	40	60	0	5	5	10	0	5	5	10

Remarks:
Gross weapon system unit cost decrease from FY 2018 to FY 2019 is due to the fact that the FY 2018 M872A4 hardware cost was based on an estimate before actual contract costs were known. FY 2019 hardware cost is based on actual contract award, which resulted in a negotiated lower unit cost.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:
		Item Number / Title [DODIC]: D01650 / SEMITRAILER LOW BED 25 TON

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	1.618	-	1.618
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	-	-	1.618	-	1.618
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	1.618	-	1.618

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	179.778	-	179.778

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
SEMITRAILER LOW BED 25 TON ^(†)	-	-	-	-	-	-	-	-	-	55.111	9	0.496	-	-	-	55.111	9	0.496
Engineering Changes	-	-	-	-	-	-	-	-	-	-	-	0.015	-	-	-	-	-	0.015
Systems Engineering / Program Management (SEPM)	-	-	-	-	-	-	-	-	-	-	-	0.389	-	-	-	-	-	0.389
First Destination Transportation (FDT)	-	-	-	-	-	-	-	-	-	-	-	0.039	-	-	-	-	-	0.039
Fielding	-	-	-	-	-	-	-	-	-	-	-	0.016	-	-	-	-	-	0.016
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	0.955	-	-	-	-	-	0.955
Non Recurring Cost																		
System Test & Evaluation	-	-	-	-	-	-	-	-	-	-	-	0.663	-	-	-	-	-	0.663
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	0.663	-	-	-	-	-	0.663
Subtotal: Flyaway Cost	-	-	-	-	-	-	-	-	-	-	-	1.618	-	-	-	-	-	1.618
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	-	179.778	-	1.618	-	-	-	179.778	-	1.618

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:	Item Number / Title [DODIC]: D01650 / SEMITRAILER LOW BED 25 TON

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	1.618	-	1.618
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	-	-	1.618	-	1.618

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 0930D01001 / Semitrailers, Flatbed:				Item Number / Title [DODIC]: D01650 / SEMITRAILER LOW BED 25 TON					
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
SEMITRAILER LOW BED 25 TON		2019	TBD / TBD	C / FFP	TACOM - Warren, MI	Jan 2019	Jul 2019	9	55.110	N		

Remarks:

Funds in this budget line are a new start program. Contract will be awarded 2QFY19 and nine (9) trailers will be purchased with FY19 OPA Base funding. First Article Testing / Production Verification Testing will begin 1QFY20.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
 3446D15400 / HI MOB MULTI-PURP WHLD VEH (HMMWV)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	194	169	159	175	73	248	172	160	109	71	-	1,282
Gross/Weapon System Cost (<i>\$ in Millions</i>)	216.720	50.000	53.000	50.123	20.770	70.893	50.271	47.723	32.989	21.960	-	543.556
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	216.720	50.000	53.000	50.123	20.770	70.893	50.271	47.723	32.989	21.960	-	543.556
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	216.720	50.000	53.000	50.123	20.770	70.893	50.271	47.723	32.989	21.960	-	543.556

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	1,117.113	295.858	333.333	286.417	284.521	285.859	292.273	298.269	302.651	309.296	-	423.991

Description:

The Active Army, Army National Guard (ARNG) and US Army Reserves (USAR) require their existing older High Mobility Multipurpose Wheeled Vehicle (HMMWV) fleets be modernized to the current configuration which will require the procurement of new M997A3 Ambulances. PD, Light Tactical Vehicles, in partnership with AM General and Rock Island Arsenal, provide new production ambulances; thereby supporting both the organic and industrial base. Recent natural disasters highlight the need for reliable and capable utility vehicles to enable the Guard and Reserve to mobilize rapidly to respond immediately to state and national needs. The effort will provide a modernization strategy to the future that supports uninterrupted ground, lifesaving medical evacuation in the Infantry Brigade Combat Team (IBCT) and echelons above brigade (EAB), and meets current and conceptual Army medical evacuation doctrine and concepts.

Congress added FY2016 funds in this program that were realigned from SSN D12020, HMMWV Modernization ARNG.

AAC: Department of the Army G8 intent is to divest older Ambulances and replace with new modernized Ambulances up to the requirement of 3,688.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	169	159	175	73	248	172	160	109	71
	Total Obligation Authority	50.000	53.000	50.123	20.770	70.893	50.271	47.723	32.989	21.960
Total: Secondary Distribution	Quantity	169	159	175	73	248	172	160	109	71
	Total Obligation Authority	50.000	53.000	50.123	20.770	70.893	50.271	47.723	32.989	21.960

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles
P-1 Line Item Number / Title: 3446D15400 / HI MOB MULTI-PURP WHLD VEH (HMMWV)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D15406 / AMBULANCE, 4 LITTER,5/4 TON,4X4	P-5a, P-21			194 / 216.720	169 / 50.000	159 / 53.000	175 / 50.123	73 / 20.770	248 / 70.893
P-40	Total Gross/Weapon System Cost				194 / 216.720	169 / 50.000	159 / 53.000	175 / 50.123	73 / 20.770	248 / 70.893

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Base procurement dollars in the amount of \$50.123 million procures 175 HMMWV Ambulances to support the modernization of the Army's HMMWV Ambulance fleet.
 FY 2019 OCO procurement dollars in the amount of \$20.770 million procures 73 HMMWV Ambulances to support the European Deterrence Initiative (EDI) requirements for the HMMWV Ambulance.
 In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 3446D15400 / HI MOB MULTI-PURP WHLD VEH (HMMWV)	Item Number / Title [DODIC]: D15406 / AMBULANCE, 4 LITTER,5/4 TON,4X4

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	194	169	159	175	73	248
Gross/Weapon System Cost (\$ in Millions)	216.720	50.000	53.000	50.123	20.770	70.893
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	216.720	50.000	53.000	50.123	20.770	70.893
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	216.720	50.000	53.000	50.123	20.770	70.893

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	1,117.113	295.858	333.333	286.417	284.521	285.859

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
HMMWV Ambulance ^(t)	1,117.113	194	216.720	272.343	169	46.026	305.824	159	48.626	271.000	175	47.425	271.000	73	19.783	271.000	248	67.208
Product Management Support	-	-	-	-	-	2.477	-	-	2.650	-	-	1.225	-	-	0.511	-	-	1.736
Fielding	-	-	-	-	-	0.676	-	-	1.724	-	-	0.646	-	-	0.476	-	-	1.122
System Technical Support (STS)	-	-	-	-	-	0.821	-	-	-	-	-	0.827	-	-	-	-	-	0.827
<i>Subtotal: Recurring Cost</i>	-	-	216.720	-	-	50.000	-	-	53.000	-	-	50.123	-	-	20.770	-	-	70.893
<i>Subtotal: Flyaway Cost</i>	-	-	216.720	-	-	50.000	-	-	53.000	-	-	50.123	-	-	20.770	-	-	70.893
Gross/Weapon System Cost	1,117.113	194	216.720	295.858	169	50.000	333.333	159	53.000	286.417	175	50.123	284.521	73	20.770	285.859	248	70.893

Secondary Distribution	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	169	159	175	73	248
Total Obligation Authority	50.000	53.000	50.123	20.770	70.893
Total: Secondary Distribution	169	159	175	73	248
Total Obligation Authority	50.000	53.000	50.123	20.770	70.893

^(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 3446D15400 / HI MOB MULTI-PURP WHLD VEH (HMMWV)				Item Number / Title [DODIC]: D15406 / AMBULANCE, 4 LITTER,5/4 TON,4X4				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
HMMWV Ambulance ^(†)		2017	ROCK ISLAND ARSENAL / ROCK ISLAND IL	SS / FFP	Rock Island, IL	Oct 2017	Apr 2018	169	272.340	Y		
HMMWV Ambulance ^(†)		2018	AM GENERAL LLC / SOUTH BEND IN	SS / FFP	TACOM, Warren, MI	Jan 2018	Jul 2018	159	305.820	Y		Sep 2017
HMMWV Ambulance ^(†)		2019	AM GENERAL LLC / SOUTH BEND IN	SS / FFP	TACOM, Warren, MI	Jan 2019	Jul 2019	248	271.000	Y		Sep 2017

^(†) indicates the presence of a P-21

Remarks:
PM/Matrix Support includes PM and System Engineering oversight required to manage the program and provide contractor oversight. Salaries, Benefits, Travel, Personnel Training and other government costs are included for retaining a professional workforce.

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 3446D15400 / HI MOB MULTI-PURP WHLD VEH (HMMWV)										Item Number / Title [DODIC]: D15406 / AMBULANCE, 4 LITTER,5/4 TON,4X4									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2018															Fiscal Year 2019												B A L A N C E		
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 7	BAL D U E A S O F 1 O C T	Calendar Year 2018															Calendar Year 2019												
							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				
HMMWV Ambulance																																		
Prior Years Deliveries: 194																																		
	1	2017	ARMY	169	0	169	A	-	-	-	-	-	-	-	14	14	14	14	14	14	14	14	14	14	14	14	14	15		0				
	2	2018	ARMY	159	0	159																								0				
	2	2019	ARMY	248	0	248																								185				
							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				

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 3446D15400 / HI MOB MULTI-PURP WHLD VEH (HMMWV)										Item Number / Title [DODIC]: D15406 / AMBULANCE, 4 LITTER,5/4 TON,4X4									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020													Fiscal Year 2021													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020													Calendar Year 2021													
							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			
HMMWV Ambulance																																	
Prior Years Deliveries: 194																																	
	1	2017	ARMY	169	169	0																							0				
	2	2018	ARMY	159	159	0																							0				
	2	2019	ARMY	248	63	185	21	21	21	21	21	21	21	21	17														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			

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 3446D15400 / HI MOB MULTI-PURP WHLD VEH (HMMWV)
		Item Number / Title [DODIC]: D15406 / AMBULANCE, 4 LITTER,5/4 TON,4X4

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	ROCK ISLAND ARSENAL - ROCK ISLAND IL	9	60	60	0	4	6	10	0	0	0	0
2	AM GENERAL LLC - SOUTH BEND IN	28	60	300	0	4	6	10	0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
 3484D15501 / Ground Mobility Vehicles (GMV)

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	12	100	133	-	133	126	117	171	110	-	769
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	4.907	40.935	46.988	-	46.988	49.818	48.861	48.861	19.212	-	259.582
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	4.907	40.935	46.988	-	46.988	49.818	48.861	48.861	19.212	-	259.582
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	4.907	40.935	46.988	-	46.988	49.818	48.861	48.861	19.212	-	259.582

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	408.917	409.350	353.293	-	353.293	395.381	417.615	285.737	174.655	-	337.558

Description:

The Army Ground Mobility Vehicle (GMV) provides enhanced tactical mobility for an Infantry Brigade Combat Team (IBCT) 9-Soldier infantry squad with their associated equipment to move quickly around the battlefield. This capability is required across the range of military operations facing IBCT units conducting crisis response, initial entry, and selected decisive action missions. GMV deploys worldwide by sea, air, and land modes to support strategic deployment and operational maneuver in accordance with Army and Joint doctrine. This capability provides flexibility for entry operations (permissive and non-permissive) to counter threat anti-access strategies by using multiple austere entry points to bring in combined arms configured units.

A Directed Requirement was signed by the Army on 25 February 2017 that established an Army Acquisition Objective (AAO) of 2,065 vehicles for the Army and 317 vehicles for United States Army Special Operations Command (USASOC). The Army Procurement Objective (APO) for Army GMV 1.1 is 295 vehicles for the 5 Airborne IBCTs, 1770 vehicles for GMV Infantry Squad Vehicle (ISV), and 317 vehicles for USASOC.

An Army Capability Production Document (CPD) annex to the approved SOCOM GMV1.1 CPD is currently under development.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	12	100	133	-	133	126	117	171	110
	Total Obligation Authority	4.907	40.935	46.988	-	46.988	49.818	48.861	48.861	19.212
Total: Secondary Distribution	Quantity	12	100	133	-	133	126	117	171	110
	Total Obligation Authority	4.907	40.935	46.988	-	46.988	49.818	48.861	48.861	19.212

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:** 3484D15501 / Ground Mobility Vehicles (GMV)

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D15505 / Ground Mobility Vehicles (Light) GMV (L)	P-5a, P-21	B		- / -	12 / 4.907	100 / 40.935	133 / 46.988	- / -	133 / 46.988
P-40	Total Gross/Weapon System Cost				- / -	12 / 4.907	100 / 40.935	133 / 46.988	- / -	133 / 46.988

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 The FY2019 Base procurement dollars in the amount of \$46.988 million supports the procurement of 133 GMVs to support production of the Army Version of the GMV1.1 SOCOM Vehicle, fielding, Source Selection Evaluation Board (SSEB) for GMV Infantry Squad Variant (ISV), engineering support, and program management. On 27 Feb 2017 a Directed Requirement was signed and approved the procurement of the Army GMV off the existing SOCOM GMV1.1 contract being executed by PM Family of Special Operations Vehicles (FOSOV). The GMV is a critical program in the Combat Vehicle Modernization Strategy. The GMVs mobility, coupled with speed, will substantially increase IBCT tactical employment options and rapidly deploy infantry elements to positions of advantage.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 3484D15501 / Ground Mobility Vehicles (GMV)
		Item Number / Title [DODIC]: D15505 / Ground Mobility Vehicles (Light) GMV (L)

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	12	100	133	-	133
Gross/Weapon System Cost (\$ in Millions)	-	4.907	40.935	46.988	-	46.988
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	4.907	40.935	46.988	-	46.988
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	4.907	40.935	46.988	-	46.988

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	408.917	409.350	353.293	-	353.293

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Ground Mobility Vehicles (GMV) ^(†)	-	-	-	260.000	12	3.120	260.000	100	26.000	270.624	133	35.993	-	-	-	270.624	133	35.993
Kits	-	-	-	-	-	0.170	-	-	-	-	-	0.434	-	-	-	-	-	0.434
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	3.290	-	-	26.000	-	-	36.427	-	-	-	-	-	36.427
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	3.290	-	-	26.000	-	-	36.427	-	-	-	-	-	36.427
Logistics Cost																		
Non Recurring Cost																		
Logistics Development	-	-	-	-	-	0.207	-	-	5.877	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	0.207	-	-	5.877	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics Cost</i>	-	-	-	-	-	0.207	-	-	5.877	-	-	-	-	-	-	-	-	-
Support - Engineering Change Proposals Cost																		
Engineering Change Proposals	-	-	-	-	-	-	-	-	0.750	-	-	1.303	-	-	-	-	-	1.303
<i>Subtotal: Support - Engineering Change Proposals Cost</i>	-	-	-	-	-	-	-	-	0.750	-	-	1.303	-	-	-	-	-	1.303
Support - Fielding Cost																		
Fielding	-	-	-	-	-	0.032	-	-	0.700	-	-	4.977	-	-	-	-	-	4.977
<i>Subtotal: Support - Fielding Cost</i>	-	-	-	-	-	0.032	-	-	0.700	-	-	4.977	-	-	-	-	-	4.977

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 3484D15501 / Ground Mobility Vehicles (GMV)
		Item Number / Title [DODIC]: D15505 / Ground Mobility Vehicles (Light) GMV (L)

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
---	------------------------

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Support - Program Management Cost																		
Government Management	-	-	-	-	-	1.194	-	-	3.500	-	-	2.655	-	-	-	-	-	2.655
Contractor Management	-	-	-	-	-	0.184	-	-	-	-	-	1.494	-	-	-	-	-	1.494
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	1.378	-	-	3.500	-	-	4.149	-	-	-	-	-	4.149
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	-	-	-	-	-	-	4.108	-	-	0.132	-	-	-	-	-	0.132
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	-	-	-	-	-	-	4.108	-	-	0.132	-	-	-	-	-	0.132
Gross/Weapon System Cost	-	-	-	408.917	12	4.907	409.350	100	40.935	353.293	133	46.988	-	-	-	353.293	133	46.988

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	12	100	133	-	133
	Total Obligation Authority	4.907	40.935	46.988	-	46.988
Total: Secondary Distribution	Quantity	12	100	133	-	133
	Total Obligation Authority	4.907	40.935	46.988	-	46.988

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 3484D15501 / Ground Mobility Vehicles (GMV)				Item Number / Title [DODIC]: D15505 / Ground Mobility Vehicles (Light) GMV (L)				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Ground Mobility Vehicles (GMV) ^(†)		2017	GD-OTS / St. Petersburg, FL	C / FFP	SOCOM Tampa, FL	Feb 2018	May 2018	12	260.000	Y		Aug 2017
Ground Mobility Vehicles (GMV) ^(†)		2018	GD-OTS / St. Petersburg, FL	C / FFP	SOCOM Tampa, FL	Jan 2018	Apr 2018	100	260.000	Y		Aug 2017
Ground Mobility Vehicles (GMV) ^(†)		2019	GD-OTS / St. Petersburg, FL	C / FFP	SOCOM Tampa, FL	Jan 2019	Apr 2019	133	270.620	Y		Aug 2017

^(†) indicates the presence of a P-21

Remarks:
FY18 Contract Award date should be Feb 2018.

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 3484D15501 / Ground Mobility Vehicles (GMV)										Item Number / Title [DODIC]: D15505 / Ground Mobility Vehicles (Light) GMV (L)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2018													Fiscal Year 2019													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018													Calendar Year 2019													
							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			
Ground Mobility Vehicles (GMV)																																	
1		2017	ARMY	12	0	12																							0				
1		2018	ARMY	100	0	100			A	-	-	-		8	8	8	8	8	8	8	8	8	8	9	9	9	9			0			
1		2019	ARMY	133	0	133																							67				
							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			

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 3484D15501 / Ground Mobility Vehicles (GMV)										Item Number / Title [DODIC]: D15505 / Ground Mobility Vehicles (Light) GMV (L)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020												Fiscal Year 2021												B A L A N C E	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020												Calendar Year 2021												
							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
Ground Mobility Vehicles (GMV)																															
	1	2017	ARMY	12	12	0																							0		
	1	2018	ARMY	100	100	0																							0		
	1	2019	ARMY	133	66	67	11	11	11	11	11	12																	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	

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 3484D15501 / Ground Mobility Vehicles (GMV)
		Item Number / Title [DODIC]: D15505 / Ground Mobility Vehicles (Light) GMV (L)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	GD-OTS - St. Petersburg, FL	10	20	60	12	4	3	7	0	4	3	7

Remarks:
PL GMV and PM FOSOV work together to ensure production quantities from both entities maintain a production rate above the minimum sustaining rate for the GMV1.1 contract.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
 3636D10000 / ARNG HMMWV Modernization Program

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	911	587	-	-	-	-	-	-	-	-	-	1,498
Gross/Weapon System Cost (<i>\$ in Millions</i>)	459.868	160.000	-	-	-	-	20.000	-	-	-	-	639.868
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	459.868	160.000	-	-	-	-	20.000	-	-	-	-	639.868
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	459.868	160.000	-	-	-	-	20.000	-	-	-	-	639.868

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	504.795	272.572	-	-	-	-	-	-	-	-	-	427.148

Description:

The Army National Guard (ARNG) requires its existing older High Mobility Multipurpose Wheeled Vehicle (HMMWV) fleet be modernized to the current configuration. The ARNG requires new M997A3 Ambulances. PD, Light Tactical Vehicles, in partnership with AM General and Rock Island Arsenal, provide new production ambulances; supporting both the organic and industrial bases. Prior year funding supported vehicle upgrades that include vehicle reliability enhancements incorporated into HMMWV production during Operation Iraqi Freedom and Operation Enduring Freedom to allow for installation of armor packages, by inclusion of improved suspension and vehicle cooling system enhancements. The modernization effort consists of vehicle disassembly and reassembly, application of designated mandatory replacement parts and compliance requirements, installation of Automotive Improvement Program and Reliability Enhancement Vehicle components, and Inspection and Repair Only as Necessary (IROAN) of the HMMWV cab. The cab will be integrated onto a new production rolling chassis to include a new engine, engine cooling system, transmission, and suspension system. A Public Private Partnership (PPP) exists for the ARNG HMMWV Modernization Program that workloads and supports both the organic and industrial base.

Congress added 60M in FY 2016 funds for this program for HMMWV Ambulance that was realigned to SSN D15406, Ambulance, 4 Litter, 5/4 Ton 4X4.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	20.000	-	-	-
ANG	Quantity	519	-	-	-	-	-	-	-	-
	Total Obligation Authority	140.000	-	-	-	-	-	-	-	-
AR	Quantity	68	-	-	-	-	-	-	-	-
	Total Obligation Authority	20.000	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	587	-	-	-	-	-	-	-	-
	Total Obligation Authority	160.000	-	-	-	-	20.000	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles		P-1 Line Item Number / Title: 3636D10000 / ARNG HMMWV Modernization Program
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
Justification: There are no FY 2019 Base procurement requirements for this program. "In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181) this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities."		

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
5600D15603 / JOINT LIGHT TACTICAL VEHICLE

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0605812M, 0605812A, 0206211M

Line Item MDAP/MAIS Code: 279

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	862	1,591	2,498	3,390	-	3,390	3,035	2,501	3,121	2,751	-	19,749
Gross/Weapon System Cost (<i>\$ in Millions</i>)	414.526	587.514	804.440	1,319.436	-	1,319.436	1,147.246	1,242.725	1,346.783	1,211.192	-	8,073.862
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	414.526	587.514	804.440	1,319.436	-	1,319.436	1,147.246	1,242.725	1,346.783	1,211.192	-	8,073.862
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	414.526	587.514	804.440	1,319.436	-	1,319.436	1,147.246	1,242.725	1,346.783	1,211.192	-	8,073.862

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	480.889	369.273	322.034	389.214	-	389.214	378.005	496.891	431.523	440.273	-	408.824

Description:

The Joint Light Tactical Vehicle (JLTV) Family of Vehicles (FoV) is a United States Army (USA) lead, joint program with the U.S. Marine Corps (USMC). The JLTV approved Army Procurement Objective (APO) is 49,099 vehicles, of various configurations, capable of performing multiple mission roles and designed to provide protected, sustained, networked mobility for personnel and payloads across the full range of military operations. JLTV objectives include increased protection and performance over the current fleet; and, minimizing ownership costs by maximizing commonality, fuel efficiency, reliability, and maintaining effective competition throughout the life cycle. Commonality of components, maintenance procedures, training, etc., among vehicles is expected to be inherent in FoV solutions across mission variants to minimize total ownership cost. Unique service requirements have been minimized.

The approved Army Procurement Objective (APO) is 49,099 trucks for the U.S. Army.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	1,591	2,498	3,119	-	3,119	1,942	2,225	2,521	2,751
	Total Obligation Authority	587.514	804.440	1,217.960	-	1,217.960	755.537	1,127.422	1,098.607	1,211.192
ANG	Quantity	-	-	271	-	271	645	276	600	-
	Total Obligation Authority	-	-	101.476	-	101.476	231.155	115.303	248.176	-
AR	Quantity	-	-	-	-	-	448	-	-	-
	Total Obligation Authority	-	-	-	-	-	160.554	-	-	-
Total:	Quantity	1,591	2,498	3,390	-	3,390	3,035	2,501	3,121	2,751
Secondary Distribution	Total Obligation Authority	587.514	804.440	1,319.436	-	1,319.436	1,147.246	1,242.725	1,346.783	1,211.192

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
 5600D15603 / JOINT LIGHT TACTICAL VEHICLE

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0605812M, 0605812A, 0206211M

Line Item MDAP/MAIS Code: 279

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D15603 / JOINT LIGHT TACTICAL VEHICLE	P-5a, P-21	B		862 / 414.526	1,591 / 587.514	2,498 / 804.440	3,390 / 1,319.436	- / -	3,390 / 1,319.436
P-40	Total Gross/Weapon System Cost				862 / 414.526	1,591 / 587.514	2,498 / 804.440	3,390 / 1,319.436	- / -	3,390 / 1,319.436

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Base procurement dollars in the amount of \$1,319,436 million supports a quantity of 3,390 JLTVs of various configurations to fulfill the requirements of multiple mission roles and minimize ownership costs for the Army's Light Tactical Vehicle fleet. Other FY 2019 budget activities include kit procurement, Engineering Change Proposals (ECP) to include retrofits, program management, fielding, Contractor Systems Engineering/Program Management (SEPM), System Technical Support (STS), Training Aids, Devices, Simulators and Simulation (TADSS), Interim Contractor Support (ICS). Funding also supports the continuation of the JLTV test program to include Developmental Testing (DT) and Follow-on Operational Testing (FOT&E).

Engineering Change Proposals (ECP): Funding increase from FY 2018 to FY 2019 of \$38.738M is a result of the implementation of ECPs and retrofit of design changes to vehicles produced and delivered in FY2015-FY2019 based on results from observations during manufacture on a production line, operational assessments, or from feedback from test events such as Multi-Operational Test and Evaluation (MOT&E). In accordance with the USD (AT&L) approved Joint Cost Position methodologies, JLTV ECPs were developed as an analogy based upon a study of multiple legacy tactical wheeled vehicles.

Training Aids, Devices, Simulators and Simulation (TADSS): Funding increase from FY 2018 to FY 2019 is due to procuring 12 Maintenance Trainers (MT) for TADSS in FY 2019. Zero Maintenance Trainers (MT) and 8 Common Driver Trainers (CDT) were procured in FY2018.

Interim Contractor Support (ICS): Funding increase from FY 2018 to FY 2019 of \$42.588M is due to the award of ICS on the JLTV production contract. ICS provides vendor support for maintenance and repair of JLTVs between initial fielding in FY 2019 and the transition of sustainment to an organic capability planned to begin in FY 2022. ICS pricing is based on the total number of fielded vehicles, was priced as part of the contract proposal, and pricing was accepted by the Government.

Testing: Funding increase from FY 2018 to FY 2019 of \$7.785M is due to Full Rate Production (FRP) testing comprised of Developmental Testing (DT), including Performance and C4I and Follow-on Operational Testing (FOT&E) of 10 vehicles for 4 months of testing in support of Initial Operational Capability (IOC); scheduled for FY 2020.

The database P-40 quantities are not current for Prior Years and FY18. Procurement Quantity (Qty) totals by year are: Prior Years: Qty 978, FY18: Qty 2088.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 5600D15603 / JOINT LIGHT TACTICAL VEHICLE	Item Number / Title [DODIC]: D15603 / JOINT LIGHT TACTICAL VEHICLE

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	862	1,591	2,498	3,390	-	3,390
Gross/Weapon System Cost (\$ in Millions)	414.526	587.514	804.440	1,319.436	-	1,319.436
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	414.526	587.514	804.440	1,319.436	-	1,319.436
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	414.526	587.514	804.440	1,319.436	-	1,319.436

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	480.889	369.273	322.034	389.214	-	389.214

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
--General Purpose ^(†)	290.128	436	126.496	266.241	607	161.608	258.000	783	202.014	268.154	1,029	275.930	-	-	-	268.154	1,029	275.930
--Heavy Guns Carrier ^(†)	281.678	149	41.970	267.892	279	74.742	259.000	293	75.887	269.034	507	136.400	-	-	-	269.034	507	136.400
--Close Combat Weapons Carrier ^(†)	304.288	66	20.083	283.696	56	15.887	274.000	89	24.386	285.068	117	33.353	-	-	-	285.068	117	33.353
--Utility ^(†)	268.682	327	87.859	245.408	649	159.270	247.000	945	233.415	257.271	1,737	446.880	-	-	-	257.271	1,737	446.880
--Kits	-	-	40.068	-	-	39.486	-	-	105.918	-	-	167.522	-	-	-	-	-	167.522
<i>Subtotal: Recurring Cost</i>	-	-	<i>316.476</i>	-	-	<i>450.993</i>	-	-	<i>641.620</i>	-	-	<i>1,060.085</i>	-	-	-	-	-	<i>1,060.085</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>316.476</i>	-	-	<i>450.993</i>	-	-	<i>641.620</i>	-	-	<i>1,060.085</i>	-	-	-	-	-	<i>1,060.085</i>
Support - Data Cost																		
Technical Publications	-	-	16.609	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Data Cost</i>	-	-	<i>16.609</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Engineering Change Proposals Cost																		
Engineering Change Proposals	-	-	-	-	-	14.532	-	-	39.587	-	-	78.325	-	-	-	-	-	78.325
<i>Subtotal: Support - Engineering Change Proposals Cost</i>	-	-	-	-	-	<i>14.532</i>	-	-	<i>39.587</i>	-	-	<i>78.325</i>	-	-	-	-	-	<i>78.325</i>
Support - Fielding Cost																		

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 5600D15603 / JOINT LIGHT TACTICAL VEHICLE	Item Number / Title [DODIC]: D15603 / JOINT LIGHT TACTICAL VEHICLE

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
---	------------------------

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Fielding	-	-	1.000	-	-	36.743	-	-	39.377	-	-	52.247	-	-	-	-	-	52.247
<i>Subtotal: Support - Fielding Cost</i>	-	-	1.000	-	-	36.743	-	-	39.377	-	-	52.247	-	-	-	-	-	52.247
Support - Operational/Site Activation Cost																		
Contractor Technical Support	-	-	-	-	-	-	-	-	-	-	-	42.588	-	-	-	-	-	42.588
<i>Subtotal: Support - Operational/Site Activation Cost</i>	-	-	-	-	-	-	-	-	-	-	-	42.588	-	-	-	-	-	42.588
Support - Program Management Cost																		
Government Management	-	-	29.687	-	-	31.966	-	-	31.915	-	-	20.931	-	-	-	-	-	20.931
Contractor Management	-	-	25.466	-	-	6.313	-	-	5.803	-	-	5.483	-	-	-	-	-	5.483
<i>Subtotal: Support - Program Management Cost</i>	-	-	55.153	-	-	38.279	-	-	37.718	-	-	26.414	-	-	-	-	-	26.414
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	1.398	-	-	0.018	-	-	22.366	-	-	22.150	-	-	-	-	-	22.150
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	1.398	-	-	0.018	-	-	22.366	-	-	22.150	-	-	-	-	-	22.150
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	23.532	-	-	24.893	-	-	14.800	-	-	22.585	-	-	-	-	-	22.585
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	23.532	-	-	24.893	-	-	14.800	-	-	22.585	-	-	-	-	-	22.585
Support - Training Cost																		
Equipment	-	-	0.358	-	-	22.056	-	-	8.972	-	-	15.042	-	-	-	-	-	15.042
<i>Subtotal: Support - Training Cost</i>	-	-	0.358	-	-	22.056	-	-	8.972	-	-	15.042	-	-	-	-	-	15.042
Gross/Weapon System Cost	480.889	862	414.526	369.273	1,591	587.514	322.034	2,498	804.440	389.214	3,390	1,319.436	-	-	-	389.214	3,390	1,319.436

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	1,591	2,498	3,119	-	3,119
	Total Obligation Authority	587.514	804.440	1,217.960	-	1,217.960
ANG	Quantity	-	-	271	-	271

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 5600D15603 / JOINT LIGHT TACTICAL VEHICLE	Item Number / Title [DODIC]: D15603 / JOINT LIGHT TACTICAL VEHICLE

ID Code (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
	Total Obligation Authority	-	-	101.476	-	101.476
Total:	Quantity	1,591	2,498	3,390	-	3,390
Secondary Distribution	Total Obligation Authority	587.514	804.440	1,319.436	-	1,319.436

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 5600D15603 / JOINT LIGHT TACTICAL VEHICLE				Item Number / Title [DODIC]: D15603 / JOINT LIGHT TACTICAL VEHICLE				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
--General Purpose ^(†)		2017	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2016	Oct 2017	607	266.240	Y		Feb 2014
--General Purpose ^(†)		2018	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2017	Oct 2018	783	258.000	Y		Feb 2014
--General Purpose ^(†)		2019	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2018	Oct 2019	1,029	268.150	Y		Feb 2014
--Heavy Guns Carrier ^(†)		2017	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2016	Oct 2017	279	267.890	Y		Feb 2014
--Heavy Guns Carrier ^(†)		2018	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2017	Oct 2018	293	259.000	Y		Feb 2014
--Heavy Guns Carrier ^(†)		2019	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2018	Oct 2019	507	269.030	Y		Feb 2014
--Close Combat Weapons Carrier ^(†)		2017	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2016	Oct 2017	56	283.700	Y		Feb 2014
--Close Combat Weapons Carrier ^(†)		2018	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2017	Oct 2018	89	274.000	Y		Feb 2014
--Close Combat Weapons Carrier ^(†)		2019	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2018	Oct 2019	117	285.070	Y		Feb 2014
--Utility ^(†)		2017	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2016	Oct 2017	649	245.410	Y		Feb 2014
--Utility ^(†)		2018	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2017	Oct 2018	945	247.000	Y		Feb 2014
--Utility ^(†)		2019	Oshkosh Defense LLC / Oshkosh	C / FFP	TACOM	Dec 2018	Oct 2019	1,737	257.270	Y		Feb 2014

^(†) indicates the presence of a P-21

Remarks:
MSR is 48

1-8-5 is 2,784.

Max quantity is 11,280.

Oshkosh's main production line is not wholly JLTV and has been set up to run multiple other Military Tactical Vehicles and Commercial Business on the same line during the same shift. As such they do not have a unique JLTV 1-8-5.

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 5600D15603 / JOINT LIGHT TACTICAL VEHICLE										Item Number / Title [DODIC]: D15603 / JOINT LIGHT TACTICAL VEHICLE									

Cost Elements (Units in Each)				Fiscal Year 2017														Fiscal Year 2018														BALANCE			
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017														Calendar Year 2018														
							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					
--General Purpose																																			
Prior Years Deliveries: 436																																			
1	2017	ARMY		607	0	607			A -	-	-	-	-	-	-	-	-	50	50	50	50	50	51	51	51	51	51	51	51	51	51	51	0		
1	2017	NAVY (+)		10	0	10			A -	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	0		
1	2017	Total		617	0	617			-	-	-	-	-	-	-	-	-	50	50	51	51	51	52	0											
1	2018	ARMY		783	0	783															A -	-	-	-	-	-	-	-	-	-	-	-	783		
1	2018	NAVY (+)		115	0	115															A -	-	-	-	-	-	-	-	-	-	-	-	115		
1	2018	Total		898	0	898															-	-	-	-	-	-	-	-	-	-	-	-	898		
1	2019	ARMY		1,029	0	1,029																											1,029		
1	2019	NAVY (+)		485	0	485																											485		
1	2019	Total		1,514	0	1,514																											1,514		
--Heavy Guns Carrier																																			
Prior Years Deliveries: 149																																			
2	2017	ARMY		279	0	279			A -	-	-	-	-	-	-	-	-	23	23	23	23	23	23	23	23	23	23	24	24	24	24	0			
2	2017	NAVY (+)		132	0	132			A -	-	-	-	-	-	-	-	-	11	11	11	11	11	11	11	11	11	11	11	11	11	11	0			
2	2017	Total		411	0	411			-	-	-	-	-	-	-	-	-	34	34	34	34	34	34	34	34	34	34	35	35	35	0				
2	2018	ARMY		293	0	293															A -	-	-	-	-	-	-	-	-	-	-	-	293		
2	2018	NAVY (+)		33	0	33															A -	-	-	-	-	-	-	-	-	-	-	-	33		
2	2018	Total		326	0	326															-	-	-	-	-	-	-	-	-	-	-	-	326		
2	2019	ARMY		507	0	507																											507		
2	2019	NAVY (+)		733	0	733																											733		
2	2019	Total		1,240	0	1,240																											1,240		
--Close Combat Weapons Carrier																																			
Prior Years Deliveries: 66																																			
3	2017	ARMY		56	0	56			A -	-	-	-	-	-	-	-	-	5	5	5	5	5	5	5	5	5	4	4	4	4	0				
3	2017	NAVY (+)		24	0	24			A -	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0			
3	2017	Total		80	0	80			-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	7	6	6	6	6	0				
3	2018	ARMY		89	0	89															A -	-	-	-	-	-	-	-	-	-	-	-	89		
3	2018	NAVY (+)		88	0	88															A -	-	-	-	-	-	-	-	-	-	-	-	88		
3	2018	Total		177	0	177															-	-	-	-	-	-	-	-	-	-	-	-	177		
									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			

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 5600D15603 / JOINT LIGHT TACTICAL VEHICLE										Item Number / Title [DODIC]: D15603 / JOINT LIGHT TACTICAL VEHICLE									

Cost Elements (Units in Each)						Fiscal Year 2019														Fiscal Year 2020														BALANCE			
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019														Calendar Year 2020																
							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							
--General Purpose																																					
Prior Years Deliveries: 436																																					
1	2017	ARMY		607	607	0																														0	
1	2017	NAVY (+)		10	10	0																														0	
1	2017	Total		617	617	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
1	2018	ARMY		783	0	783	65	65	65	65	65	65	65	65	66	66	66																		0		
1	2018	NAVY (+)		115	0	115	9	9	9	9	9	10	10	10	10	10	10																		0		
1	2018	Total		898	0	898	74	74	74	74	74	75	75	75	75	76	76	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
1	2019	ARMY		1,029	0	1,029				A	-	-	-	-	-	-	-	-	85	85	85	86	86	86	86	86	86	86	86	86	86	86	86	86	0		
1	2019	NAVY (+)		485	0	485				A	-	-	-	-	-	-	-	-	40	40	40	40	40	40	40	40	41	41	41	41	41	41	41	0			
1	2019	Total		1,514	0	1,514				-	-	-	-	-	-	-	-	-	125	125	125	126	126	126	126	127	0										
--Heavy Guns Carrier																																					
Prior Years Deliveries: 149																																					
2	2017	ARMY		279	279	0																													0		
2	2017	NAVY (+)		132	132	0																													0		
2	2017	Total		411	411	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
2	2018	ARMY		293	0	293	24	24	24	24	24	24	24	25	25	25	25	25																	0		
2	2018	NAVY (+)		33	0	33	2	2	2	3	3	3	3	3	3	3	3	3																0			
2	2018	Total		326	0	326	26	26	26	27	27	27	27	28	28	28	28	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
2	2019	ARMY		507	0	507				A	-	-	-	-	-	-	-	-	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	43	43	43	0
2	2019	NAVY (+)		733	0	733				A	-	-	-	-	-	-	-	-	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	62	62	0	
2	2019	Total		1,240	0	1,240				-	-	-	-	-	-	-	-	-	103	103	103	103	103	103	103	103	103	103	103	103	103	104	104	105	0		
--Close Combat Weapons Carrier																																					
Prior Years Deliveries: 66																																					
3	2017	ARMY		56	56	0																														0	
3	2017	NAVY (+)		24	24	0																														0	
3	2017	Total		80	80	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
3	2018	ARMY		89	0	89	7	7	7	7	7	7	7	8	8	8	8	8																		0	
3	2018	NAVY (+)		88	0	88	7	7	7	7	7	7	7	7	8	8	8	8																		0	
3	2018	Total		177	0	177	14	14	14	14	14	14	14	15	16	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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							

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 5600D15603 / JOINT LIGHT TACTICAL VEHICLE
		Item Number / Title [DODIC]: D15603 / JOINT LIGHT TACTICAL VEHICLE

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Oshkosh Defense LLC - Oshkosh	12	696	2,820	0	10	10	20	0	3	10	13
2	Oshkosh Defense LLC - Oshkosh	12	696	2,820	0	10	10	20	0	3	10	13
3	Oshkosh Defense LLC - Oshkosh	12	696	2,820	0	10	10	20	0	3	10	13
4	Oshkosh Defense LLC - Oshkosh	12	696	2,820	0	10	10	20	0	3	10	13

Remarks:
 Estimated production rates are yearly.

Oshkosh's main production line is not wholly JLTV and has been set up to run multiple other Military Tactical Vehicles and Commercial Business on the same line during the same shift. As such they do not have a unique JLTV 1-8-5.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
 5862D16001 / TRUCK, DUMP, 20T (CCE)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	5	14	6	-	6	42	46	46	-	-	159
Gross/Weapon System Cost (<i>\$ in Millions</i>)	45.658	3.927	0.967	6.480	-	6.480	24.138	27.639	28.460	-	-	137.269
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	45.658	3.927	0.967	6.480	-	6.480	24.138	27.639	28.460	-	-	137.269
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	45.658	3.927	0.967	6.480	-	6.480	24.138	27.639	28.460	-	-	137.269

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	785.400	69.071	1,080.000	-	1,080.000	574.714	600.848	618.696	-	-	863.327

Description:

The M917A3 22.5 ton Heavy Dump Truck (HDT) is a commercially based system used to load, transport, and dump payloads of sand and gravel aggregates, crushed rock, hot paving mixes, earth, clay, rubble, and large boulders at engineering and construction sites under worldwide climatic conditions in a military environment. It supports construction and maintenance of main supply routes, logistical facilities, helipads, airfield, landing strips, motor pools and parking areas. The integrated armor requirement is compliant with the Tactical Wheeled Vehicle Long Term Armor Strategy (LTAS) Ballistic Specifications, v3.7, dated 19 Jan 06. The HDT is required to replace the F5070, M917 and M917A1 HDTs with the oldest fielded variants at 50 years of age.

The Approved Acquisition Objective (AAO) is 1,221 vehicles.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	5	14	2	-	2	11	13	23	-
	Total Obligation Authority	3.927	0.967	2.160	-	2.160	6.322	8.866	14.979	-
ANG	Quantity	-	-	3	-	3	14	15	15	-
	Total Obligation Authority	-	-	3.240	-	3.240	8.046	8.533	8.792	-
AR	Quantity	-	-	1	-	1	17	18	8	-
	Total Obligation Authority	-	-	1.080	-	1.080	9.770	10.240	4.689	-
Total:	Quantity	5	14	6	-	6	42	46	46	-
Secondary Distribution	Total Obligation Authority	3.927	0.967	6.480	-	6.480	24.138	27.639	28.460	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
 5862D16001 / TRUCK, DUMP, 20T (CCE)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D16001 / TRUCK, DUMP, 20T (CCE)	P-5a	A		- / 45.658	5 / 3.927	14 / 0.967	6 / 6.480	- / -	6 / 6.480
P-40	Total Gross/Weapon System Cost				- / 45.658	5 / 3.927	14 / 0.967	6 / 6.480	- / -	6 / 6.480

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Base procurement dollars in the amount of \$6.480 million will support the procurement of 6 Heavy Dump Trucks (HDTs); Reliability, Availability, Maintainability (RAM) Testing; Performance Testing; and Technical Manual Development. The current fleet is well beyond their intended life cycle requirement with the oldest variants at 50 years of age. Repair parts are difficult to obtain or have been deleted from the inventory due to aging models no longer in production. Concurrently, the Family of Heavy Tactical Vehicles RDTE funds will be used to procure Armor Capable Truck Asset Prototypes for Armor Solution testing.

Gross Weapon System Unit Cost increase from FY 2018 to FY 2019 is caused from an erroneous quantity of 14 to the FY 2019 PB forms of the FY 2018 quantities that will not be procured. Most of the FY 2018 funds will be used for test and do not include production. Furthermore, a higher unit cost in FY 2019 is also caused by testing and documentation requirements for the weapon system.

Increase in funding from FY 2018 to FY 2019 is due to planned production quantities beginning in FY 2019.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 5862D16001 / TRUCK, DUMP, 20T (CCE)	Item Number / Title [DODIC]: D16001 / TRUCK, DUMP, 20T (CCE)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	5	14	6	-	6
Gross/Weapon System Cost (\$ in Millions)	45.658	3.927	0.967	6.480	-	6.480
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	45.658	3.927	0.967	6.480	-	6.480
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	45.658	3.927	0.967	6.480	-	6.480

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	785.400	69.071	1,080.000	-	1,080.000

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
M917A3 Truck ^(†)	-	-	33.107	282.800	5	1.414	-	-	-	340.833	6	2.045	-	-	-	340.833	6	2.045
FRET	-	-	-	-	-	0.151	-	-	-	-	-	0.041	-	-	-	-	-	0.041
Engineering Changes	-	-	0.119	-	-	0.047	-	-	-	-	-	0.062	-	-	-	-	-	0.062
Systems Engineering/ Program Mgt (SEPM)	-	-	4.566	-	-	1.006	-	-	0.500	-	-	0.400	-	-	-	-	-	0.400
Test	-	-	7.866	-	-	1.275	-	-	0.467	-	-	2.695	-	-	-	-	-	2.695
Documentation	-	-	-	-	-	-	-	-	-	-	-	1.134	-	-	-	-	-	1.134
Fielding	-	-	-	-	-	0.016	-	-	-	-	-	0.055	-	-	-	-	-	0.055
FDT	-	-	-	-	-	0.018	-	-	-	-	-	0.048	-	-	-	-	-	0.048
<i>Subtotal: Recurring Cost</i>	-	-	45.658	-	-	3.927	-	-	0.967	-	-	6.480	-	-	-	-	-	6.480
<i>Subtotal: Flyaway Cost</i>	-	-	45.658	-	-	3.927	-	-	0.967	-	-	6.480	-	-	-	-	-	6.480
Gross/Weapon System Cost	-	-	45.658	785.400	5	3.927	69.071	14	0.967	1,080.000	6	6.480	-	-	-	1,080.000	6	6.480

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	5	14	2	-	2
	Total Obligation Authority	3.927	0.967	2.160	-	2.160
ANG	Quantity	-	-	3	-	3
	Total Obligation Authority	-	-	3.240	-	3.240

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 5862D16001 / TRUCK, DUMP, 20T (CCE)	Item Number / Title [DODIC]: D16001 / TRUCK, DUMP, 20T (CCE)
--	---	--

ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Secondary Distribution	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
AR					
Quantity	-	-	1	-	1
Total Obligation Authority	-	-	1.080	-	1.080
Total: Secondary Distribution					
Quantity	5	14	6	-	6
Total Obligation Authority	3.927	0.967	6.480	-	6.480

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 5862D16001 / TRUCK, DUMP, 20T (CCE)	Item Number / Title [DODIC]: D16001 / TRUCK, DUMP, 20T (CCE)
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
M917A3 Truck		2017	TBD / TBD	C / IDIQ	TACOM, Warren MI	Mar 2018	Dec 2018	5	282.800	N		Mar 2017
M917A3 Truck		2019	TBD / TBD	Option / IDIQ	TACOM, Warren, MI	Aug 2019	May 2020	6	340.830	N		

Remarks:
FY 2018 procurement quantities are not included on this form. The P-40 reflects a FY 2018 quantity of 14; however, this figure is incorrect due to an erroneous RFS feed to the FY 2019 PB forms.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
 6866D15500 / Family Of Medium Tactical Veh (FMTV)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604604A

Line Item MDAP/MAIS Code: 746

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	15,755.514	352.769	78.650	132.882	-	132.882	82.544	91.472	104.211	48.729	-	16,646.771
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	15,755.514	352.769	78.650	132.882	-	132.882	82.544	91.472	104.211	48.729	-	16,646.771
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	15,755.514	352.769	78.650	132.882	-	132.882	82.544	91.472	104.211	48.729	-	16,646.771

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	201.655	210.608	242.000	311.930	-	311.930	387.531	373.355	348.532	431.230	-	204.438

Description:

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, load handling system, and dump truck models. 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, line haul, and unit resupply missions in combat, combat support, and combat service support units. Extended applications of the FMTV include support to other Army requirements such as: High Mobility Artillery Rocket System (HIMARS); Warfighter Information Network - Tactical (WIN-T); Patriot; Aviation Ground Support Equipment (AGSE); Chemical and Biological Protection Shelter (CBPS); Medium Extended Air Defense System (MEADS); CAMEL II Unit Water Pod System; Terminal High Altitude Area Defense (THAAD); and EQ-36 Fire Finder Radar. FMTV trailers (LMTV & MTV) have the same payload as the LMTV/MTV trucks.

The Approved Acquisition Objective (AAO) is 83,185 trucks: 45,090 MTV trucks, 38,095 LMTV trucks.

Prior year quantities through FY 2010 reflect trucks only. Beginning in FY 2011, quantities reflect trucks and trailers calculated at different unit prices.

D03500 - The M1082 Light Medium Tactical Vehicle (LMTV) Trailer is designed to be towed by the Medium Tactical Vehicle (MTV) family of vehicles. The M1082 is a single axle trailer with a gross payload capacity of 5,000 pounds. The trailer is equipped with an air brake system actuated by the prime mover and a parking brake system to prevent movement of the trailer when not connected to the prime mover.

D04500 - The M1095 Medium Tactical Vehicle (MTV) Trailer is designed to be towed by the MTV family of vehicles. The M1095 is a dual axle trailer with a gross payload capacity of 10,000 pounds. The trailer is equipped with an air brake system actuated by the prime mover (truck) and a parking brake system to prevent movement of the trailer when not connected to the truck.

The M1147 Load Handling System (LHS) Trailer is designed to be a companion trailer to the M1148 LHS truck. The M1147 is capable of transporting Flatracks M1 & M1077, Container Roll On/Off Platform (CROP) M3 & M3A1, and standard ISO Container/Shelter (8' x 8' x 20') with a 17,600 lb payload capacity. The M1147 LHS trailers is a wagon type trailer with a turntable style front axle, an Air Ride Suspension with an Air Pressure Sensor Gage for Overload Indication, and an air assist feature that allows one Soldier to couple the trailer tongue to the M1148 LHS truck pintle.

D13500 - The Light Medium Tactical Vehicle (LMTV) family includes three trucks with 2.5 ton capacity. The M1078 2.5 Ton Cargo Truck is designed to transport cargo and Soldiers. Bed side rails are mounted on hinges and can be lowered to facilitate loading. The cargo bed is also equipped with optional bench seats for the transport of Soldiers. The M1079 LMTV 2.5 Ton Van is designed to transport cargo and tools and function as a command and control unit configurable to each unit's mission requirements. The van body is equipped with an electrical system, blackout lighting, and heating and cooling capabilities. The cab

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles	P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)
--	---

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604604A
--	---	---

Line Item MDAP/MAIS Code: 746

design for both variants is armor-capable under the Army's Long Term Armoring Strategy (LTAS) and designed with integrated armor in difficult to install locations with accessories for the acceptance of "B-kit" armor panels. These cabs enable the Soldier to adapt the system to the mission, threat, or new armor technologies. Key system components have been upgraded to enable the system to carry the additional armor weight while retaining the 5,000 pound payload. The M1081A1 Truck Airdrop Cargo is designed to be loaded on and dropped from C130 aircraft into remote areas where landing strips are not available. The bed side rails are mounted on hinges to facilitate loading/unloading and the cargo bed comes equipped with a removable bench seat kit which can be folded down and stowed when not in use to transport Soldiers.

D14500 - The Medium Tactical Vehicle (MTV) family has a 5-ton capacity consisting of cargo, tractor, van, wrecker, load handling system and dump truck models. Sub-variants provide Air Drop capability for contingency and rapid deployment operations. All the FMTV variants have an armor-capable cab designed under the Army's Long Term Armoring Strategy. The cab is designed with integrated armor in difficult to install locations and has appurtenances for the acceptance of B-kit armor panels. This cab enables the Soldier to adapt the system to the mission, threat, or new armor technologies. All models have key system components upgraded to enable the system to carry the additional armor weight while retaining its payload capacity. The M1083 5-ton Cargo Truck is designed to transport cargo and Soldiers. Bed side rails are mounted on hinges and can be lowered to facilitate loading. The cargo bed is equipped with optional bench seats for the transport of Soldiers. The M1084 Cargo Truck with Material Handling Equipment (MHE) is designed to transport cargo and Soldiers. Bed side rails are mounted on hinges and can be lowered to facilitate loading. The system is equipped with a crane capable of lifting 11,000 lbs. The M1085 Long Wheelbase Cargo Truck is designed to transport cargo and Soldiers. Bed side rails are mounted on hinges and can be lowered to facilitate loading. The cargo bed is lengthened to provide additional cargo space. The M1086 Long Wheelbase Cargo Truck with MHE is designed to transport cargo and Soldiers. Bed side rails are mounted on hinges and can be lowered to facilitate loading. The cargo bed is lengthened to provide additional cargo space. The system is also equipped with a crane capable of lifting 11,000 lbs. The M1087 Expansive Van is designed to function as a mobile office. The van body features two sliding sections which deploy to increase the total internal work area volume. The on board 12 Volt Alternating Current (VAC) and 24 Volt Direct Current (VDC) electrical systems provide power for equipment and the integrated Heating, Ventilation and Air Condition (HVAC) and blackout lighting systems. The M1088 Tractor is designed for line-haul operations. The tractor is the prime mover for the M871 semi-trailer and can tow this trailer both on and off road. Equipped with a Society of Automotive Engineers (SAE) J700 2.0-inch kingpin, the tractor can tow trailers up to 80,000 lb Gross Combined Weight (GCW). The M1089 Wrecker is designed for recovery of FMTV and smaller vehicles via lift and flat tow. Key system components have been upgraded to enable the system to recover B-Kit equipped FMTV vehicles in both lift and tow configurations. The system is equipped with an upgraded under lift assembly rated to 17,000 lbs at maximum extension, two 30,000 lb main recovery winches, a 15,500 lb rated self recovery winch, two hydraulic stiff legs for anchoring, and a crane capable of lifting 14,200 lbs. The M1093 Standard Cargo Truck, Low Velocity Air Drop (LVAD) is designed to be loaded on and dropped from C130 aircraft into remote areas where landing strips are not available. The vehicle is equipped to transport cargo and Soldiers, as required. It has a payload capacity of 10,000 pounds and to facilitate loading/unloading, the bed side rails are mounted on hinges. The cargo bed comes equipped with a removable bench seat kit for transport of Soldiers. The M1148 Load Handling System (LHS) is designed for transporting 8x8x20 ft ISO containers and flat racks. The system is equipped with an on board Container Handling Unit (CHU) and stowage system which fold for air transport and in cab LHS system controls. The system can also load its companion M1147 LHS Trailer. The M1157 Dump Truck is designed to transport cargo and Soldiers. The dump system features in-cab tilt and tailgate release controls, payload indication system, manual hydraulic and pneumatic bypasses, and the capability for troop seats. The system can be equipped with or without a self-recovery winch kit capable of fore and aft vehicle recovery.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	342.621	46.056	117.533	-	117.533	45.399	50.309	57.316	26.801
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	6.414	16.297	7.504	-	7.504	18.159	20.124	22.927	10.721
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.734	16.297	7.845	-	7.845	18.986	21.039	23.968	11.207
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	352.769	78.650	132.882	-	132.882	82.544	91.472	104.211	48.729

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
 6866D15500 / Family Of Medium Tactical Veh (FMTV)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604604A

Line Item MDAP/MAIS Code: 746

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D03500 / TRLR CARGO LMTV	P-5a			- / 1,182.938	- / -	- / -	- / 1.337	- / -	- / 1.337
P-5	D04500 / MTV TRAILER	P-5a			- / 1,046.691	- / -	- / -	- / 5.994	- / -	- / 5.994
P-5	D13500 / LIGHT MEDIUM TACT VEHICLE FAMILY (4X4)				- / 4,953.362	- / 92.855	- / -	- / 56.237	- / -	- / 56.237
P-5	D14500 / MEDIUM TACT VEHICLE FAMILY (6X6)	P-5a, P-21			- / 8,572.523	- / 259.914	- / 78.650	- / 69.314	- / -	- / 69.314
P-40	Total Gross/Weapon System Cost				- / 15,755.514	- / 352.769	- / 78.650	- / 132.882	- / -	- / 132.882

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Base Procurement dollars in the amount of \$132.882 million supports a quantity of 426 various Armor Capable Medium Tactical Vehicle Trucks and Trailers. The various Medium Tactical Vehicles fill the 5-ton truck, 2 1/2 ton truck requirement, and the 5-ton trailer requirement to fulfill Army modularity requirements and modernize the medium fleet, reduce operating and support costs, resolve potential operational deficiencies and operate throughout the theater as a multi-purpose transportation vehicle used by combat, combat support and combat service support units. There are no FY 2019 OCO Procurement dollars.

The following SSNs below roll-up to the parent SSN D15500:

LIGHT MEDIUM TACTICAL VEHICLE TRAILER D03500
 FY 2019 Base Procurement dollars in the amount of \$1.337 million supports a quantity of 35 Light Medium Tactical Vehicle Trailers to fill the 2 1/2 ton truck trailer requirement and modernize the medium fleet, reduce operating and support costs, resolve potential operational deficiencies, and operate throughout the theater as a multi-purpose trailer used by combat, combat support and combat service support units. There are no FY 2019 OCO Procurement funding requirements for this program

MEDIUM TACTICAL VEHICLE TRAILER D04500
 FY 2019 Base Procurement dollars in the amount of \$5.994 million supports a quantity of 6 Medium Tactical Vehicle Trailers to fill the 5-ton trailer requirement and modernize the medium fleet, reduce operating and support costs, resolve potential operational deficiencies, and operate throughout the theater as a multi-purpose trailer used by combat, combat support and combat service support units. There are no FY 2019 OCO Procurement funding requirements for this program.

LIGHT MEDIUM TACTICAL VEHICLE FAMILY D13500
 FY 2019 Base Procurement dollars in the amount of \$56.237 million supports a quantity of 170 various Light Medium Tactical Vehicle Trucks (LMTV) armor capable trucks to fill the 2 1/2 ton truck requirements, fulfill Army modularity requirements and modernize the medium fleet, reduce operating and support costs, resolve potential operational deficiencies, and operate throughout the theater as a multi-purpose transportation vehicle used by combat, combat support and combat services support units. There are no FY 2019 OCO Procurement funding requirements for this program.

MEDIUM TACTICAL VEHICLE FAMILY D14500

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles		P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604604A
Line Item MDAP/MAIS Code: 746		
<p>FY 2019 Base Procurement dollars in the amount of \$69.314 million supports a quantity of 215 various Armor Capable Medium Tactical Vehicle Trucks (MTV). The 35 various Medium Tactical Vehicles Trucks fill the 5-ton truck requirement, fulfill Army modularity requirements and modernize the medium fleet, reduce operating and support costs, resolve potential operational deficiencies and operate throughout the theater as a multi-purpose transportation vehicle used by combat, combat support and combat service support units.</p> <p>There are no FY 2019 OCO Procurement funding requirements for this program.</p> <p>PM/Matrix Support includes PM and System Engineering oversight required to manage the program and provide contractor oversight. Salaries, Benefits, Travel, Personnel Training and other government costs are included for retaining a professional acquisition workforce.</p> <p>Procurement Quantity (QTY) totals by year are: FY17 - QTY 1156; FY18 - QTY 37; FY19 - QTY 426; FY20 - QTY 213; FY21 - QTY 245; FY22 - QTY 299; FY23 - QTY 113.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</p>		

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)
		Item Number / Title [DODIC]: D03500 / TRLR CARGO LMTV

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,182.938	-	-	1.337	-	1.337
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,182.938	-	-	1.337	-	1.337
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,182.938	-	-	1.337	-	1.337

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	110.534	-	-	38.200	-	38.200

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
LMTV Trailers M1082(†)	25.523	1,939	49.489	-	-	-	-	-	-	38.200	35	1.337	-	-	-	38.200	35	1.337
Kits	-	-	1.604	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Recurring Engineering (STS)	-	-	7.793	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quality Assurance	-	-	0.535	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	2.181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management	-	-	5.159	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Testing	-	-	0.139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding	-	-	1,116.038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,182.938</i>	-	-	-	-	-	-	-	-	<i>1.337</i>	-	-	-	-	-	<i>1.337</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>1,182.938</i>	-	-	-	-	-	-	-	-	<i>1.337</i>	-	-	-	-	-	<i>1.337</i>
Gross/Weapon System Cost	110.534	-	1,182.938	-	-	-	-	-	-	38.200	-	1.337	-	-	-	38.200	-	1.337

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	1.337	-	1.337
Total:	Quantity	-	-	-	-	-

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army			Date: February 2018			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)		Item Number / Title [DODIC]: D03500 / TRLR CARGO LMTV		
ID Code (A=Service Ready, B=Not Service Ready) :			MDAP/MAIS Code:			
Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Secondary Distribution	Total Obligation Authority	-	-	1.337	-	1.337

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)	Item Number / Title [DODIC]: D03500 / TRLR CARGO LMTV
--	---	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
LMTV Trailers M1082		2019	TBD / TBD	SS / FFP	TACOM, Warren, MI	Jul 2019	May 2020	35	38.200			

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)	Item Number / Title [DODIC]: D04500 / MTV TRAILER

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,046.691	-	-	5.994	-	5.994
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,046.691	-	-	5.994	-	5.994
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,046.691	-	-	5.994	-	5.994

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	141.866	-	-	999.000	-	999.000

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Various Trailers ^(†)	16.094	4,524	72.809	-	-	-	-	-	-	66.667	6	0.400	-	-	-	66.667	6	0.400
Kits	-	-	5.474	-	-	-	-	-	-	-	-	0.401	-	-	-	-	-	0.401
Recurring Engineering (STS)	-	-	23.665	-	-	-	-	-	-	-	-	0.447	-	-	-	-	-	0.447
Quality Assurance	-	-	1.705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	7.158	-	-	-	-	-	-	-	-	0.510	-	-	-	-	-	0.510
Program Management	-	-	17.826	-	-	-	-	-	-	-	-	1.325	-	-	-	-	-	1.325
Testing	-	-	0.386	-	-	-	-	-	-	-	-	1.348	-	-	-	-	-	1.348
Fielding	-	-	20.599	-	-	-	-	-	-	-	-	0.746	-	-	-	-	-	0.746
Adjustment for Prior Year Error	-	-	897.069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Data	-	-	-	-	-	-	-	-	-	-	-	0.817	-	-	-	-	-	0.817
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,046.691</i>	-	-	-	-	-	-	-	-	<i>5.994</i>	-	-	-	-	-	<i>5.994</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>1,046.691</i>	-	-	-	-	-	-	-	-	<i>5.994</i>	-	-	-	-	-	<i>5.994</i>
Gross/Weapon System Cost	141.866	-	1,046.691	-	-	-	-	-	-	999.000	-	5.994	-	-	-	999.000	-	5.994

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	3.296	-	3.296

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)	Item Number / Title [DODIC]: D04500 / MTV TRAILER
--	---	---

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Secondary Distribution	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2019 Total
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	1.319	-	1.319
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	1.379	-	1.379
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	5.994	-	5.994

(†) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)	Item Number / Title [DODIC]: D04500 / MTV TRAILER
--	---	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Various Trailers		2019	TBD / TBD	C / FFP	TACOM, Warren, MI	Jul 2019	May 2020	6	66.670			

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army											Date: February 2018						
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10						P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)						Item Number / Title [DODIC]: D13500 / LIGHT MEDIUM TACT VEHICLE FAMILY (4X4)					
ID Code (A=Service Ready, B=Not Service Ready) :											MDAP/MAIS Code:						
Resource Summary				Prior Years		FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Procurement Quantity (Units in Each)				-		-		-		-		-		-			
Gross/Weapon System Cost (\$ in Millions)				4,953.362		92.855		-		56.237		-		56.237			
Less PY Advance Procurement (\$ in Millions)				-		-		-		-		-		-			
Net Procurement (P-1) (\$ in Millions)				4,953.362		92.855		-		56.237		-		56.237			
Plus CY Advance Procurement (\$ in Millions)				-		-		-		-		-		-			
Total Obligation Authority (\$ in Millions)				4,953.362		92.855		-		56.237		-		56.237			
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																	
Initial Spares (\$ in Millions)				-		-		-		-		-		-			
Gross/Weapon System Unit Cost (\$ in Thousands)				196.507		270.714		-		330.806		-		330.806			

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Various Vehicles	156.871	2,327	365.038	189.565	184	34.880	-	-	-	221.376	170	37.634	-	-	-	221.376	170	37.634
Kits	-	-	1.014	-	-	1.070	-	-	-	-	-	1.332	-	-	-	-	-	1.332
Recurring Engineering (STS)	-	-	6.115	-	-	0.277	-	-	-	-	-	1.487	-	-	-	-	-	1.487
Quality Assurance	-	-	0.550	-	-	0.257	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	2.068	-	-	1.081	-	-	-	-	-	1.697	-	-	-	-	-	1.697
Program Management	-	-	15.405	-	-	1.897	-	-	-	-	-	4.405	-	-	-	-	-	4.405
Testing	-	-	0.397	-	-	0.028	-	-	-	-	-	4.483	-	-	-	-	-	4.483
Data	-	-	-	-	-	-	-	-	-	-	-	2.715	-	-	-	-	-	2.715
Fielding	-	-	4,562.776	-	-	53.365	-	-	-	-	-	2.484	-	-	-	-	-	2.484
<i>Subtotal: Recurring Cost</i>	-	-	4,953.364	-	-	92.855	-	-	-	-	-	56.237	-	-	-	-	-	56.237
<i>Subtotal: Flyaway Cost</i>	-	-	4,953.364	-	-	92.855	-	-	-	-	-	56.237	-	-	-	-	-	56.237
Gross/Weapon System Cost	196.507	-	4,953.362	270.714	-	92.855	-	-	-	330.806	-	56.237	-	-	-	330.806	-	56.237

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Element Breakout	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Various Vehicles	156.871	2,327	365.038	189.565	184	34.880	-	-	-	221.376	170	37.634	-	-	-	221.376	170	37.634

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)	Item Number / Title [DODIC]: D13500 / LIGHT MEDIUM TACT VEHICLE FAMILY (4X4)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Element Breakout	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
--LMTV Cargo M1078	152.885	2,037	311.426	189.565	184	34.880	-	-	-	216.025	161	34.780	-	-	-	216.025	161	34.780
--LMTV Cargo WW M1078	145.782	101	14.724	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
--LMTV Van M1079	205.751	189	38.887	-	-	-	-	-	-	317.111	9	2.854	-	-	-	317.111	9	2.854

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	87.175	-	49.076	-	49.076
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	2.840	-	3.501	-	3.501
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	2.840	-	3.660	-	3.660
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	92.855	-	56.237	-	56.237

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)
		Item Number / Title [DODIC]: D14500 / MEDIUM TACT VEHICLE FAMILY (6X6)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8,572.523	259.914	78.650	69.314	-	69.314
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	8,572.523	259.914	78.650	69.314	-	69.314
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8,572.523	259.914	78.650	69.314	-	69.314

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	246.026	195.131	242.000	322.391	-	322.391

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Various Vehicles ^(†)	282.782	12,333	3,487.555	226.217	1,068	241.600	279.514	37	10.342	271.428	215	58.357	-	-	-	271.428	215	58.357
Kits	-	-	12.750	-	-	-	-	-	1.981	-	-	0.538	-	-	-	-	-	0.538
Recurring Engineering (STS)	-	-	62.019	-	-	1.846	-	-	3.848	-	-	0.600	-	-	-	-	-	0.600
Quality Assurance	-	-	6.443	-	-	1.717	-	-	4.027	-	-	-	-	-	-	-	-	-
FRET	-	-	179.364	-	-	-	-	-	1.278	-	-	3.448	-	-	-	-	-	3.448
Engineering Changes	-	-	36.111	-	-	7.213	-	-	0.310	-	-	0.685	-	-	-	-	-	0.685
Program Support	-	-	82.695	-	-	-	-	-	14.984	-	-	1.778	-	-	-	-	-	1.778
Testing	-	-	3.425	-	-	0.190	-	-	33.913	-	-	1.810	-	-	-	-	-	1.810
Data	-	-	-	-	-	-	-	-	6.852	-	-	1.096	-	-	-	-	-	1.096
Fielding	-	-	4,702.161	-	-	7.348	-	-	1.115	-	-	1.002	-	-	-	-	-	1.002
<i>Subtotal: Recurring Cost</i>	-	-	<i>8,572.518</i>	-	-	<i>259.914</i>	-	-	<i>78.650</i>	-	-	<i>69.314</i>	-	-	-	-	-	<i>69.314</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>8,572.518</i>	-	-	<i>259.914</i>	-	-	<i>78.650</i>	-	-	<i>69.314</i>	-	-	-	-	-	<i>69.314</i>
Gross/Weapon System Cost	246.026	-	8,572.523	195.131	-	259.914	242.000	-	78.650	322.391	-	69.314	-	-	-	322.391	-	69.314

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)	Item Number / Title [DODIC]: D14500 / MEDIUM TACT VEHICLE FAMILY (6X6)
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Element Breakout	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Various Vehicles	282.782	12,333	3,487.555	226.217	1,068	241.600	279.514	37	10.342	271.428	215	58.357	-	-	-	271.428	215	58.357
--MTV Cargo M1083	156.911	4,374	686.330	209.562	331	69.365	213.667	9	1.923	232.688	112	26.061	-	-	-	232.688	112	26.061
--MTV Cargo w/winch M1083	158.869	887	140.917	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
--MTV Cargo MHE M1084	369.151	358	132.156	289.606	221	64.003	295.500	2	0.591	337.846	13	4.392	-	-	-	337.846	13	4.392
--MTV Cargo-Long Wheel Base (LWB) M1085	305.688	1,473	450.278	-	-	-	-	-	-	230.462	13	2.996	-	-	-	230.462	13	2.996
--MTV Cargo-LWB w/winch M1085	162.508	65	10.563	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
--MTV LWB Cargo w/MHE M1086	214.556	9	1.931	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
--MTV Expansable Van M1087	653.345	1,195	780.747	-	-	-	-	-	-	531.882	17	9.042	-	-	-	531.882	17	9.042
--MTV Tractor M1088	304.900	1,910	582.359	209.752	516	108.232	213.889	9	1.925	234.481	52	12.193	-	-	-	234.481	52	12.193
--MTV Wrecker M1089	641.788	363	232.969	-	-	-	-	-	-	459.125	8	3.673	-	-	-	459.125	8	3.673
--MTV LHS M1148	274.462	52	14.272	-	-	-	347.235	17	5.903	-	-	-	-	-	-	-	-	-
--MTV 10 Ton Dump M1157	179.123	827	148.135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
--MTV 10 Ton Dump M1157 w/winch	374.267	820	306.899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	255.446	46.056	63.824	-	63.824
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	3.574	16.297	2.684	-	2.684
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	0.894	16.297	2.806	-	2.806
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	259.914	78.650	69.314	-	69.314

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)				Item Number / Title [DODIC]: D14500 / MEDIUM TACT VEHICLE FAMILY (6X6)				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Various Vehicles ^(†)		2017	Oshkosh Corp / Oshkosh	SS / FFP	TACOM, Warren, MI	Sep 2017	Sep 2018	1,068	226.220	Y		
Various Vehicles ^(†)		2018	TBD / TBD	SS / FFP	TACOM, Warren, MI	Mar 2018	Mar 2019	37	279.510			
Various Vehicles ^(†)		2019	TBD / TBD	SS / FFP	TACOM, Warren, MI	Jul 2019	May 2020	215	271.430			

^(†) indicates the presence of a P-21

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)										Item Number / Title [DODIC]: D14500 / MEDIUM TACT VEHICLE FAMILY (6X6)									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2019													Fiscal Year 2020													BALANCE					
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019													Calendar Year 2020																
							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						
Various Vehicles																																				
Prior Years Deliveries: 12333																																				
	1	2017	ARMY	1,068	89	979	89	89	89	89	89	89	89	89	89	89																		0		
	2	2018	ARMY	37	0	37	-	-	-	-	-	2	2	2	2	2	3	4	4	4	4	4	4	4										0		
	2	2019	ARMY	215	0	215											A	-	-	-	-	-	-	-	-	-	-	-	-	-	17	18	18	18	18	126
							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						

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)										Item Number / Title [DODIC]: D14500 / MEDIUM TACT VEHICLE FAMILY (6X6)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2021												Fiscal Year 2022												BALANCE							
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021												Calendar Year 2022																		
							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						
Various Vehicles																																					
Prior Years Deliveries: 12333																																					
1		2017	ARMY	1,068	1,068	0																															0
2		2018	ARMY	37	37	0																															0
2		2019	ARMY	215	89	126	18	18	18	18	18	18	18																								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							

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 6866D15500 / Family Of Medium Tactical Veh (FMTV)
		Item Number / Title [DODIC]: D14500 / MEDIUM TACT VEHICLE FAMILY (6X6)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Oshkosh Corp - Oshkosh	1	5	20	0	5	12	17	0	5	12	17
2	TBD - TBD	1	5	20	0	0	0	0	0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
 7000D15800 / Firetrucks & Associated Firefighting Equip

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	18	18	-	33	-	33	51	56	56	57	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	160.312	7.460	19.404	14.842	-	14.842	22.973	25.391	25.904	26.425	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	160.312	7.460	19.404	14.842	-	14.842	22.973	25.391	25.904	26.425	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	160.312	7.460	19.404	14.842	-	14.842	22.973	25.391	25.904	26.425	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	8,906.222	414.444	-	449.758	-	449.758	450.451	453.411	462.571	463.596	Continuing	Continuing

Description:

This line is a roll-up of various Fire Trucks. These vehicles are used for fighting fires, and as a safety precaution 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.

Non-tactical Fire Trucks are of standard commercial design with only slight modifications. Examples include Structural Pumpers, Ladder Trucks, Hazardous Material (HAZMAT)/Rescue Trucks, Brush Tanker, Airfield Crash Trucks, and Mobile Water Supply fire trucks. These trucks are needed by all the Installation Management Command (IMCOM) regions, as well as by other Army Commands and units. The Army's Fire Fighting Vehicles are essential to all military installations and to many local communities for preservation of life and property. The Army fire fighting vehicles not only respond to fires on installations and within local communities, but also to forest fires, aircraft, train, automobile accidents and hazardous material incidents. Procurements are made to fill shortages or to replace fire trucks that have reached over-aged or unserviceable condition. Non-tactical fire trucks is a vehicle replacement program that does not have a set Army Acquisition Objective (AAO).

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	15	0	32	-	32	50	55	55	56
	Total Obligation Authority	6.400	19.404	14.408	-	14.408	22.536	24.951	25.462	25.982
ANG	Quantity	3	-	1	-	1	1	1	1	1
	Total Obligation Authority	1.060	-	0.434	-	0.434	0.437	0.440	0.442	0.443
Total: Secondary Distribution	Quantity	18	-	33	-	33	51	56	56	57
	Total Obligation Authority	7.460	19.404	14.842	-	14.842	22.973	25.391	25.904	26.425

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
 7000D15800 / Firetrucks & Associated Firefighting Equip

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D15801 / FIRETRUCKS, NON-TACTICAL	P-5a, P-21	A		18 / 160.312	18 / 7.460	- / 19.404	33 / 14.842	- / -	33 / 14.842
P-40	Total Gross/Weapon System Cost				18 / 160.312	18 / 7.460	- / 19.404	33 / 14.842	- / -	33 / 14.842

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Base procurement dollars in the amount of \$14.842 million supports Army installations and units with fire fighting protection and emergency response capability. A total of 33 Non-Tactical Fire Trucks are needed to replace over-aged trucks and fill existing shortages. Many over age trucks are unsafe, unable to respond to fire calls and uneconomical to repair. These trucks are needed by all the Installation Management Command (IMCOM) Regions: Atlantic, Central, Pacific, Korea and Europe, as well as other Army Commands and reporting Units. Examples include Structural Pumpers, Ladder Trucks, Airfield Crash Trucks, and Mobile Water Supply fire trucks. A final assessment will be made by the program office during the year of execution on the specific Fire Trucks to be procured. It will be based on current operational requirements and priorities reported by the Army Commands.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 7000D15800 / Firetrucks & Associated Firefighting Equip
		Item Number / Title [DODIC]: D15801 / FIRETRUCKS, NON-TACTICAL

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	18	18	-	33	-	33
Gross/Weapon System Cost (\$ in Millions)	160.312	7.460	19.404	14.842	-	14.842
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	160.312	7.460	19.404	14.842	-	14.842
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	160.312	7.460	19.404	14.842	-	14.842

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	8,906.222	414.444	-	449.758	-	449.758

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Ladder Truck ^(†)	27,096.000	1	27.096	-	-	-	815.000	2	1.630	817.000	1	0.817	-	-	-	817.000	1	0.817
Structural Pumper ^(†)	5,004.750	12	60.057	430.143	14	6.022	428.818	22	9.434	433.700	20	8.674	-	-	-	433.700	20	8.674
Airfield Crash Truck ^(†)	12,235.000	4	48.940	612.000	1	0.612	574.000	9	5.166	615.000	5	3.075	-	-	-	615.000	5	3.075
Brush Pumper ^(†)	-	-	6.421	-	-	-	320.000	3	0.960	323.000	2	0.646	-	-	-	323.000	2	0.646
HAZMAT/Rescue Truck ^(†)	-	-	7.908	252.000	2	0.504	455.000	2	0.910	254.000	2	0.508	-	-	-	254.000	2	0.508
Mobile Water Supply Truck ^(†)	9,890.000	1	9.890	322.000	1	0.322	326.000	4	1.304	374.000	3	1.122	-	-	-	374.000	3	1.122
<i>Subtotal: Recurring Cost</i>	-	-	160.312	-	-	7.460	-	-	19.404	-	-	14.842	-	-	-	-	-	14.842
<i>Subtotal: Flyaway Cost</i>	-	-	160.312	-	-	7.460	-	-	19.404	-	-	14.842	-	-	-	-	-	14.842
Gross/Weapon System Cost	8,906.222	18	160.312	414.444	18	7.460	-	-	19.404	449.758	33	14.842	-	-	-	449.758	33	14.842

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	15	0	32	-	32
	Total Obligation Authority	6.400	19.404	14.408	-	14.408
ANG	Quantity	3	-	1	-	1
	Total Obligation Authority	1.060	-	0.434	-	0.434

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 7000D15800 / Firetrucks & Associated Firefighting Equip	Item Number / Title [DODIC]: D15801 / FIRETRUCKS, NON-TACTICAL

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Total:	Quantity	18	-	33	-	33
Secondary Distribution	Total Obligation Authority	7.460	19.404	14.842	-	14.842

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 7000D15800 / Firetrucks & Associated Firefighting Equip				Item Number / Title [DODIC]: D15801 / FIRETRUCKS, NON-TACTICAL				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Ladder Truck		2018	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2018	Apr 2019	2	815.000	N		
Ladder Truck		2019	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2019	Apr 2020	1	817.000	N		
Structural Pumper ^(†)		2017	Multiple / Multiple	C / FP	DLA, Philadelphia, PA	May 2017	Mar 2018	14	430.140	Y		
Structural Pumper ^(†)		2018	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2018	Mar 2019	22	428.820	N		
Structural Pumper ^(†)		2019	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2019	Mar 2020	20	433.700	N		
Airfield Crash Truck		2017	E-One / Ocala, FL	C / FP	DLA, Philadelphia, PA	Mar 2017	Mar 2018	1	612.000	Y		
Airfield Crash Truck		2018	TBD / TBD	C / FP	DLA, Philadelphia, PA	Apr 2018	Feb 2019	9	574.000	N		
Airfield Crash Truck		2019	TBD / TBD	C / FP	DLA, Philadelphia, PA	Apr 2019	Feb 2020	5	615.000	N		
Brush Pumper		2018	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2018	Dec 2018	3	320.000	N		
Brush Pumper		2019	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2019	Dec 2019	2	323.000	N		
HAZMAT/Rescue Truck		2017	Rosenbauer America / Lyons, SD	C / FP	DLA, Philadelphia, PA	May 2017	May 2018	2	252.000	Y		
HAZMAT/Rescue Truck		2018	TBD / TBD	C / FP	DLA, Philadelphia, PA	Jun 2018	Feb 2019	2	455.000	N		
HAZMAT/Rescue Truck		2019	TBD / TBD	C / FP	DLA, Philadelphia, PA	Jun 2019	Feb 2020	2	254.000	N		
Mobile Water Supply Truck		2017	Pierce Manufacturing / Appleton, WI	C / FP	DLA, Philadelphia, PA	Sep 2017	Sep 2018	1	322.000	Y		
Mobile Water Supply Truck		2018	TBD / TBD	C / FP	DLA, Philadelphia, PA	Jun 2018	Mar 2019	4	326.000	N		
Mobile Water Supply Truck		2019	TBD / TBD	C / FP	DLA, Philadelphia, PA	Jun 2019	Mar 2020	3	374.000	N		

^(†) indicates the presence of a P-21

Remarks:

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

There are multiple contractors for FY17 Structural Pumpers: Pierce Manufacturing (Appleton, WI), Rosenbauer Deutschland GMBH (Germany), and Nihon Kikai Kogyo (Japan).

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018									
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 7000D15800 / Firetrucks & Associated Firefighting Equip										Item Number / Title [DODIC]: D15801 / FIRETRUCKS, NON-TACTICAL				

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2019													Fiscal Year 2020													BALANCE			
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019													Calendar Year 2020														
							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				
Structural Pumper																																		
Prior Years Deliveries: 12																																		
	2	2017	ARMY	14	2	12	-	4	4	3	-	1																						0
	1	2018	ARMY	22	0	22	-	-	-	-	-	4	6	6	6																			0
	1	2019	ARMY	20	0	20							A	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	6	3			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				

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 7000D15800 / Firetrucks & Associated Firefighting Equip
		Item Number / Title [DODIC]: D15801 / FIRETRUCKS, NON-TACTICAL

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	TBD - TBD	1	4	8	0	2	8	10	0	1	6	7
2	Multiple - Multiple	1	4	8	0	2	8	10	0	1	6	7

Remarks:
 Numerous contractors are available for Non-Tactical Fire Trucks. These contractors typically have multiple product lines. Administrative lead-time averages 2-3 months for procurements by Defense Logistics Agency (DLA). Production lead-time ranges between 7 to 12 months depending on the type of truck.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,294.527	39.716	107.530	138.105	115.400	253.505	224.240	92.555	46.191	28.673	-	4,086.937
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	3,294.527	39.716	107.530	138.105	115.400	253.505	224.240	92.555	46.191	28.673	-	4,086.937
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,294.527	39.716	107.530	138.105	115.400	253.505	224.240	92.555	46.191	28.673	-	4,086.937

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	5,509.242	93.891	241.099	186.377	194.932	190.176	661.475	219.325	659.871	403.845	-	1,103.981

Description:

The Family of Heavy Tactical Vehicles (FHTV) is designed for cross-country military missions to transport ammunition, petroleum, oils and lubricants, unit resupply, and other missions throughout the tactical environment to support modern and highly mobile combat units. Systems include the Heavy Expanded Mobility Tactical Truck (HEMTT) and the Palletized Load System (PLS) which is currently in sustained production. The HEMTT A4 and PLS A1 incorporate the Long Term Protection Strategy (LTPS) "B-Kit" Ready cab, a modern power train, independent front suspension, Anti-lock Braking System (ABS) and traction control, updated electrical system and climate control. Both trucks utilize the companion PLS-trailer (A1) with Container Transfer Enhancement (CTE), and Enhanced Container Handling Units (E-CHU). The HEMTT Light Equipment Transporter (LET) tractor is the primary recovery vehicle for the Modular Catastrophic Recovery System (MCRS) which is designed to recover catastrophically damaged Stryker's and Mine-Resistant Ambush-Protected (MRAP) vehicles.

The M1076 PLS trailer is used in conjunction with the PLS truck (M1074 and M1075 variants) as well as the HEMTT load handling system M1120 variant. It accommodates a demountable cargo bed capable of hauling up to 16.5 tons of cargo/payload. The M1076A1 trailer is equipped with the Container Transfer Enhancement (CTE). This is used in conjunction with Enhanced Container Handling Unit (ECHU) equipped vehicles to allow the direct trans-load of an 8x8x20ft ISO containers from a truck to trailer without the need for an M1077 flat rack or additional Material Handling Equipment.

The Enhanced Container Handling Unit (E-CHU) is the latest model that provides the capability to pick-up and transport 20ft International Standards for Organization (ISO) containers without the use of a flatrack. The E-CHU allows the Army to use its Tactical Wheeled Fleet in any number of ways in transporting loads and is common to both the Palletized Load Handling System (PLS) and Heavy Expanded Mobility Tactical Trucks (HEMTT) Load Handling System (LHS) vehicles. The E-CHU allows for storage of the Front Lift Assembly when not in use and can still receive the M1077 flatrack/CROP and is fully operational with the PLS Trailer.

The Container Roll-in/out platform (CROP) is a flatrack suitable for use with the PLS and HEMTT Load Handling System (LHS). It is compatible for transport on the PLS and HEMTT LHS Trucks and PLS Trailer, and capable of transport inside any International Standards for Organization (ISO) ICC Steel, dry cargo container.

The Modular Catastrophic Recovery System (MCRS) is designed to significantly enhance the Commander's ability to recover large wheeled vehicle platforms in severe off-road conditions either in lift/tow or transport mode. MCRS is comprised of the Prime Mover (M983A4 LET), Fifth Wheel Towing Recovery Device (FWTRD), & the Tilt Deck Recovery Trailer (TDRT). Coupled with the Prime Mover, MCRS is capable of recovering all Stryker variants and an estimated 95% of Mine Resistant Ambush Protected (MRAP) vehicles currently in theater.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles		P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604622A
--	---	---

Line Item MDAP/MAIS Code: N/A

The Heavy Equipment Transporter System (HETS) is comprised of the M1070A1 Tractor and M1000 Trailer and is used to transport, recover, and evacuate a combat loaded M1 Series main battle tank, an M88, or similar heavy loads. The Heavy Equipment Transporter Systems (HETS) United States Army Europe (USAREUR) Operational Needs Statement (ONS # 17-22207) requirement is for Heavy Equipment Transport Systems by the first quarter of FY 2020 that shall be capable of carrying 78.5 Tons of payload and receive road permits at 75 Tons within the European Union. The recommended course of action for satisfying the ONS is to utilize a modified version of the M1070A1 tractor combined with a new production commercial 8-axle trailer. Per the 1 DEC 17 Army Requirements Oversight Committee (AROC), this trailer will be capable of carrying 85 tons. The AROC also directed an additional modification to the tractor that will allow it to achieve an ultimate carrying capacity of 85 tons.

The Heavy Expanded Mobility Tactical Truck Extended Service Program (HEMTT-ESP) is a Recapitalization program critical to upgrading the 11 Ton payload, 8 wheel drive HEMTT to include armor ready capability as well as modernizing the aging fleet. The HEMTT-ESP remanufactures and upgrades 20+ year old HEMTT A0 vehicles and HEMTT A2 vehicles to the current A4 configuration. The HEMTT A4 has improved survivability with integrated under body A-Cab and a scalable B-Kit (common to the Palletized Load System (PLSA1)); a modern powertrain; upgraded suspension and electrical system and incorporates an anti-lock brake system, air conditioning and traction control as standard on the platform. The HEMTT fleet is an essential combat enabler in all Brigade Combat Team (BCT) formations. This program produces a like-new vehicle with a full new vehicle warranty.

The Army Acquisition Objective (AAO) for PLS Trailer (PLST-D08900) is 17,547, Container Roll-in/out Platform (CROP-D16100) is 57,104, Modular Catastrophic Recovery System (MCRS-D12389) is 161, Enhanced Container Handling Unit (ECHU-D16101) is 3,887, HEMTT ESP (HEMTT ESP DV0021) is 20,369, and USAREUR HETS ONS (HETS DV0012) is 170.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	10.122	103.596	112.284	115.400	227.684	220.194	81.962	46.191	25.748
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	29.594	3.934	25.821	-	25.821	4.046	10.593	-	2.925
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	39.716	107.530	138.105	115.400	253.505	224.240	92.555	46.191	28.673

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D08900 / TRAILER,PLS,8 X 20	P-5a, P-21			- / 813.851	- / 36.073	- / 63.900	- / 38.248	- / 39.400	- / 77.648
P-5	D12389 / Modular Catastrophic Recovery System	P-5a, P-21			- / -	- / -	- / 6.232	- / 8.983	- / -	- / 8.983
P-40a	D16101 / CONTAINER HANDLING UNIT (CHU) KIT				- / 442.554	- / 3.643	- / -	- / 2.455	- / -	- / 2.455
P-5	D16400 / FORWARD REPAIR SYSTEM (FRS)	P-5a			- / 818.735	- / -	- / -	- / 0.837	- / -	- / 0.837
P-5	DV0012 / HEAVY EQUIPMENT TRANSPORTER SYS	P-5a, P-21	A		- / 1,219.387	- / -	- / 37.398	- / 87.582	- / 76.000	- / 163.582
P-40	Total Gross/Weapon System Cost				- / 3,294.527	- / 39.716	- / 107.530	- / 138.105	- / 115.400	- / 253.505

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Base procurement dollars in the amount of \$37.192 million supports a quantity of 409 M1076 Palletized Load System (PLS) trailers. PLS trailers will fill Active Army and Army National Guard components requirements in support of Stryker and Modular Brigade Combat Teams (BCT) activations, Patriot Units, and Combat Engineers. In FY 2018, the high Gross Weapon System Unit Cost on D08900 P5 is due to a low quantity from incorrectly adding paint and fabrication not required to the PLS Trailers unit cost. The quantity in FY 2018 that will be procured is 700, with a corrected Gross Weapon System Unit Cost of 91.286. The variation between FY 2019 Base and FY 2019 OCO Gross Weapon System Unit Cost is due to CROP being procured under D08900 at a lower unit price.

FY 2019 Base procurement dollars in the amount of \$1.056 million supports a quantity of 68 Container Roll-in/out Platform (CROP). The CROP will fill Active Army requirements in support of Stryker and Modular Brigade Combat Teams (BCT) activations. The primary mission is cross-country movement of combat configured loads of ammunition and other classes of supply loaded on Flitracks or in ISO containers which is a critical element of resupply and other missions in the tactical environment to support modern and high mobile combat units.

FY 2019 Base procurement dollars in the amount of \$2.455 million supports a quantity of 28 Enhanced Container Handling Units (ECHU). The ECHU will fill Active Army requirements in support of Stryker and Modular Brigade Combat Teams (BCT) activations, Patriot Units, and Combat Engineers.

FY 2019 Base procurement dollars in the amount of \$8.983 million supports a quantity of 25 Modular Catastrophic Recovery Systems (MCRS). The MCRS will fill Active Army requirements to recover catastrophically damaged Stryker Combat Vehicles and Mine-Resistant Ambush-Protected (MRAP) vehicles. Original MCRS AAO was established for the Stryker family of Vehicles however, MCRS Army Acquisition Objective (AAO) was increased as the Army's Recovery Force Structure was revised. Without MCRS assets, Commanders will lack the ability to successfully recover and evacuate catastrophically damaged MRAP and Stryker variants. The Gross Weapon System Unit Cost in FY 2018 is incorrect due to an improper quantity on the P-40. The quantity should reflect 19 which would lower the Gross Weapon System Unit Cost to 328.000.

FY 2019 Base procurement dollars in the amount of \$87.582 million supports a quantity of 120 USAREUR HETS ONS trailers that will fill Active Army requirements to transport the M1A2 Abrams Main Battle Tank in the United States Army Europe (USAREUR) Area of Operation (AOR) and the Contractor Logistics Support required. An Operational Needs Statement (ONS # 17-22207) submitted by USAREUR and validated by G8 requests a solution to Heavy Equipment Transport Systems (HETS) to meet the increased payload requirements. The USAREUR HETS ONS shall be capable of carrying 78.5 Tons of payload and receive road permits at 75 Tons within the European Union. Per the 1 DEC 17 Army Requirements Oversight Committee (AROC), this trailer will be capable of carrying 85 tons. The AROC also directed an additional modification to the tractor that will allow it to achieve an ultimate carrying capacity of 85 tons. Modifications required to the tractor will be executed through the Modification Line (DA0924). Gross Weapon System Unit Cost in FY 2018 reflects prior course of action which included the price of a new production tractor and trailer. The approved strategy is to only procure new trailers which reflects the lower unit cost in FY2019 and modify the tractors to meet the 85 ton capability. FY 2018 will procure a quantity of 50 HETS trailers.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles		P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604622A
Line Item MDAP/MAIS Code: N/A		
<p>FY 2019 Base procurement dollars in the amount of \$0.837 million supports a quantity of 9 M1076 Palletized Load System (PLS) trailers. PLS trailers will fill Active Army and Army National Guard components requirements in support of Stryker and Modular Brigade Combat Teams (BCT) activations, Patriot Units, and Combat Engineers. The Product Office received funding on SSN 16400 to execute for PLS trailers.</p> <p>FY 2019 OCO procurement dollars in the amount of \$39.400 million supports a quantity of 467 PLS trailers for the Combatant Command (COCOM) requirement for unit equipment sets to deter potential adversaries and support the European Deterrence Initiative (EDI). Procurement is necessary to outfit the Pre-Positioned equipment set. There is no excess inventory or viable substitute available to support the EDI requirements.</p> <p>FY 2019 OCO procurement dollars in the amount of \$76.000 million supports the recapitalization of a total of 134 HEMTT M978A4 Tankers (Fuel Servicing Trucks) to the latest A4 configuration in support of Combatant Commands (COCOM) requirement for unit equipment sets to deter potential adversaries and support the European Deterrence Initiative (EDI). This provisions the European Deterrence Initiative - Army Prepositioned Stock (APS) which supports the establishment of Armored Brigade Combat Teams (ABCT) for EDI. Procurement is necessary to outfit the Pre-Positioned equipment sets. There is no excess inventory or viable substitute available to support the EDI requirement. APS must be filled with trucks that meet armoring requirements.</p> <p>The quantities in the DA0500 P-40 Resource Summary and Secondary Distribution Table have been temporarily suppressed in the database to avoid confusion between the Exhibits. The correct quantities for FY 2019 Base are as follows: D08900 / PLS TRAILERS: 409 trailers D12389 / MODULAR CATASTROPHIC RECOVERY SYSTEM (MCRS): 25 systems D16400 / FORWARD REPAIR SYSTEM (FRS): 9 PLS trailers DV0012 / HEAVY EQUIPMENT TRANSPORTER SYSTEM: 120 trailers Total for FY 2019 DA0500: 533</p> <p>The correct quantities for 2019 OCO are as follows: D08900 / PLS TRAILERS: 467 trailers DV0012 / HEMTT-ESP: 134 recap trucks Total for FY 2019 DA0500: 601</p> <p>System Engineering/Program Management (SEPM) includes PM and System Engineering oversight required to manage the program and provide contractor oversight. Salaries, Benefits, Travel, Personnel Training and other Government costs are included for retaining a professional acquisition workforce.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</p>		

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)	Item Number / Title [DODIC]: D08900 / TRAILER,PLS,8 X 20

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	813.851	36.073	63.900	38.248	39.400	77.648
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	813.851	36.073	63.900	38.248	39.400	77.648
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	813.851	36.073	63.900	38.248	39.400	77.648

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	1,360.955	85.279	170.400	80.184	84.368	82.254

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Trailers, PLS 8 X 20 ^(†)	3,128.601	208	650.749	61.796	470	29.044	74.716	582	43.485	71.086	409	29.074	71.086	467	33.197	71.086	876	62.271
Trailers, PLS - FRET	-	-	27.299	-	-	3.874	-	-	5.629	-	-	3.488	-	-	3.983	-	-	7.471
Trailers, PLS - Engineering Changes	-	-	22.833	-	-	0.983	-	-	1.434	-	-	0.872	-	-	0.995	-	-	1.867
Trailer, PLS - Recurring Engineering (STS)	-	-	23.274	-	-	-	-	-	2.418	-	-	-	-	-	-	-	-	-
Trailers, PLS - System Engineering Program Management	-	-	25.732	-	-	1.296	-	-	3.742	-	-	2.658	-	-	-	-	-	2.658
Trailers, PLS - Fielding	-	-	27.511	-	-	0.150	-	-	2.902	-	-	0.131	-	-	0.150	-	-	0.281
Trailers, PLS - First Destination Transportation	-	-	36.453	-	-	0.726	-	-	4.290	-	-	0.969	-	-	1.075	-	-	2.044
CROP - Hardware ^(†)	-	-	-	-	-	-	-	-	-	8.926	68	0.607	-	-	-	8.926	68	0.607
CROP - ECP	-	-	-	-	-	-	-	-	-	-	-	0.018	-	-	-	-	-	0.018
CROP - Testing	-	-	-	-	-	-	-	-	-	-	-	0.263	-	-	-	-	-	0.263
CROP - Fielding	-	-	-	-	-	-	-	-	-	-	-	0.021	-	-	-	-	-	0.021
CROP - FDT	-	-	-	-	-	-	-	-	-	-	-	0.147	-	-	-	-	-	0.147
<i>Subtotal: Recurring Cost</i>	-	-	813.851	-	-	36.073	-	-	63.900	-	-	38.248	-	-	39.400	-	-	77.648
<i>Subtotal: Flyaway Cost</i>	-	-	813.851	-	-	36.073	-	-	63.900	-	-	38.248	-	-	39.400	-	-	77.648

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army												Date: February 2018					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10						P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)						Item Number / Title [DODIC]: D08900 / TRAILER,PLS,8 X 20					
ID Code (A=Service Ready, B=Not Service Ready) :												MDAP/MAIS Code:					

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Gross/Weapon System Cost	1,360.955	-	813.851	85.279	-	36.073	170.400	-	63.900	80.184	-	38.248	84.368	-	39.400	82.254	-	77.648

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	6.479	59.966	12.427	39.400	51.827
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	29.594	3.934	25.821	-	25.821
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	36.073	63.900	38.248	39.400	77.648

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)	Item Number / Title [DODIC]: D08900 / TRAILER, PLS, 8 X 20
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Trailers, PLS 8 X 20 ^(†)		2017	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, Warren, MI	Mar 2017	Nov 2017	470	61.800	Y		
Trailers, PLS 8 X 20 ^(†)		2018	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, Warren, MI	Mar 2018	Nov 2018	582	74.720	Y		
Trailers, PLS 8 X 20 ^(†)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, Warren, MI	Mar 2019	Nov 2019	876	71.090	Y		
CROP - Hardware		2019	TBD / TBD	SS / TBD	TBD	May 2019	Jan 2020	68	8.930			

^(†) indicates the presence of a P-21

Remarks:
Unit costs are determined by range pricing at ceiling amount for each Ordering Year (OY) and reconciled after the delivery order (DO) is completed.

FY2017 PLS-T Unit Cost is at ceiling price and has not been reconciled.
FY2018 PLS-T Unit Cost included an additional cost for fabrication and paint that is incorrect and will be reduced.
FY2019 PLS-T Unit Cost is based on OY4 pricing at ceiling.

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10 **P-1 Line Item Number / Title:** 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV) **Item Number / Title [DODIC]:** D08900 / TRAILER,PLS,8 X 20

Cost Elements <i>(Units in Each)</i>				Fiscal Year 2019														Fiscal Year 2020												BALANCE					
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 8	BAL D U E A S O F 1 O C T	Calendar Year 2019														Calendar Year 2020														
							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				
Trailers, PLS 8 X 20																																			
Prior Years Deliveries: 208																																			
1		2017	ARMY	470	431	39	39																											0	
1		2018	ARMY	582	0	582	-	48	48	48	49	49	49	49	49	48	48	48																	0
1		2019	ARMY	876	0	876																												73	

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)	Item Number / Title [DODIC]: D08900 / TRAILER,PLS,8 X 20
--	---	--

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2021												Fiscal Year 2022												BALANCE	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021												Calendar Year 2022												
							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
Trailers, PLS 8 X 20																															
Prior Years Deliveries: 208																															
	1	2017	ARMY	470	470	0																							0		
	1	2018	ARMY	582	582	0																							0		
	1	2019	ARMY	876	803	73																							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	

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)	Item Number / Title [DODIC]: D08900 / TRAILER,PLS,8 X 20
--	---	--

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Oshkosh Defense, LLC - Wisconsin	20	924	2,520	0	6	8	14	0	6	8	14

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)	Item Number / Title [DODIC]: D12389 / Modular Catastrophic Recovery System

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	6.232	8.983	-	8.983
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	-	6.232	8.983	-	8.983
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	6.232	8.983	-	8.983

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	415.467	359.320	-	359.320

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Modular Catastrophic Recovery System (MCRS) ^(†)	-	-	-	-	-	-	273.421	19	5.195	286.240	25	7.156	-	-	-	286.240	25	7.156
FRET	-	-	-	-	-	-	-	-	0.642	-	-	0.884	-	-	-	-	-	0.884
Engineering Changes	-	-	-	-	-	-	-	-	0.105	-	-	0.215	-	-	-	-	-	0.215
Project Management Support	-	-	-	-	-	-	-	-	0.051	-	-	0.200	-	-	-	-	-	0.200
Fielding	-	-	-	-	-	-	-	-	0.165	-	-	0.346	-	-	-	-	-	0.346
First Destination Transportation	-	-	-	-	-	-	-	-	0.074	-	-	0.182	-	-	-	-	-	0.182
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	6.232	-	-	8.983	-	-	-	-	-	8.983
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	6.232	-	-	8.983	-	-	-	-	-	8.983
Gross/Weapon System Cost	-	-	-	-	-	-	415.467	-	6.232	359.320	-	8.983	-	-	-	359.320	-	8.983

Secondary Distribution	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army					
Quantity	-	-	-	-	-
Total Obligation Authority	-	-	6.232	8.983	8.983
Total:					
Quantity	-	-	-	-	-

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army			Date: February 2018			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)		Item Number / Title [DODIC]: D12389 / Modular Catastrophic Recovery System		
ID Code (A=Service Ready, B=Not Service Ready) :			MDAP/MAIS Code:			
Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Secondary Distribution	Total Obligation Authority	-	6.232	8.983	-	8.983

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)				Item Number / Title [DODIC]: D12389 / Modular Catastrophic Recovery System				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Modular Catastrophic Recovery System (MCRS) ^(†)		2018	Tru Hitch / Barkhamsted, CT	SS / FFP	TACOM, Warren, MI	Jun 2018	Sep 2018	19	273.420	Y		
Modular Catastrophic Recovery System (MCRS) ^(†)		2019	Tru Hitch / Barkhamsted, CT	SS / FFP	TACOM, WARREN, MI	Nov 2018	Feb 2019	25	286.240	Y		

^(†) indicates the presence of a P-21

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)
		Item Number / Title [DODIC]: D12389 / Modular Catastrophic Recovery System

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Tru Hitch - Barkhamsted, CT	3	6	8	0	9	3	12	0	2	3	5

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10 **P-1 Line Item Number / Title:** 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV) **Aggregated Items Title:** Various

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
CONTAINER HANDLING UNIT (CHU) KIT																				
D16101 / CONTAINER HANDLING UNIT (CHU) KIT			-	-	442.554	-	-	3.643	-	-	-	-	-	2.455	-	-	-	-	-	2.455
<i>Secondary Distribution</i>																				
Army			-	-	-	-	-	3.643	-	-	-	-	-	2.455	-	-	-	-	-	2.455
Subtotal: CONTAINER HANDLING UNIT (CHU) KIT			-	-	442.554	-	-	3.643	-	-	-	-	-	2.455	-	-	-	-	-	2.455
Total			-	-	442.554	-	-	3.643	-	-	-	-	-	2.455	-	-	-	-	-	2.455

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)
		Item Number / Title [DODIC]: D16400 / FORWARD REPAIR SYSTEM (FRS)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	818.735	-	-	0.837	-	0.837
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	818.735	-	-	0.837	-	0.837
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	818.735	-	-	0.837	-	0.837

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	93.000	-	93.000

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Trailers, PLS 8 X 20 ^(t)	569.353	1,412	803.926	-	-	-	-	-	-	71.000	9	0.639	-	-	-	71.000	9	0.639
FRET	-	-	0.751	-	-	-	-	-	-	-	-	0.077	-	-	-	-	-	0.077
Engineering Changes	-	-	5.216	-	-	-	-	-	-	-	-	0.011	-	-	-	-	-	0.011
Fielding	-	-	1.722	-	-	-	-	-	-	-	-	0.011	-	-	-	-	-	0.011
First Destination Transportation	-	-	7.120	-	-	-	-	-	-	-	-	0.099	-	-	-	-	-	0.099
<i>Subtotal: Recurring Cost</i>	-	-	<i>818.735</i>	-	-	-	-	-	-	-	-	<i>0.837</i>	-	-	-	-	-	<i>0.837</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>818.735</i>	-	-	-	-	-	-	-	-	<i>0.837</i>	-	-	-	-	-	<i>0.837</i>
Gross/Weapon System Cost	-	-	818.735	-	-	-	-	-	-	93.000	-	0.837	-	-	-	93.000	-	0.837

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	0.837	-	0.837
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	0.837	-	0.837

^(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)				Item Number / Title [DODIC]: D16400 / FORWARD REPAIR SYSTEM (FRS)					
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Trailers, PLS 8 X 20		2019	Oshkosh Defense, LCC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2019	Nov 2019	9	71.000			

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army						Date: February 2018		
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)			Item Number / Title [DODIC]: DV0012 / HEAVY EQUIPMENT TRANSPORTER SYS		
ID Code (A=Service Ready, B=Not Service Ready) : A						MDAP/MAIS Code:		
Resource Summary			Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)			-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)			1,219.387	-	37.398	87.582	76.000	163.582
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			1,219.387	-	37.398	87.582	76.000	163.582
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			1,219.387	-	37.398	87.582	76.000	163.582
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>								
Initial Spares (\$ in Millions)			-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)			-	-	667.821	433.574	608.000	500.251

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
HETS Hardware ^(†)	879.154	1,387	1,219.387	-	-	-	1,410.000	20	28.200	385.392	120	46.247	-	-	-	385.392	120	46.247
FRET	-	-	-	-	-	-	-	-	2.628	-	-	-	-	-	-	-	-	-
STS	-	-	-	-	-	-	-	-	2.379	-	-	4.249	-	-	-	-	-	4.249
ECP	-	-	-	-	-	-	-	-	0.188	-	-	1.387	-	-	-	-	-	1.387
SEPM	-	-	-	-	-	-	-	-	0.893	-	-	3.824	-	-	-	-	-	3.824
Documentation	-	-	-	-	-	-	-	-	0.166	-	-	3.791	-	-	-	-	-	3.791
Contractor Logistic Support (CLS)	-	-	-	-	-	-	-	-	-	-	-	21.969	-	-	-	-	-	21.969
Fielding	-	-	-	-	-	-	-	-	0.932	-	-	3.039	-	-	-	-	-	3.039
First Destination Transportation	-	-	-	-	-	-	-	-	1.612	-	-	2.391	-	-	-	-	-	2.391
Special Tools / Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.685	-	-	-	-	-	0.685
Testing	-	-	-	-	-	-	-	-	0.400	-	-	-	-	-	-	-	-	-
HEMTT ESP - M978A4 Hardware ^(†)	-	-	-	-	-	-	-	-	-	-	-	-	476.933	134	63.909	476.933	134	63.909
HEMTT ESP - FRET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.669	-	-	7.669
HEMTT ESP - Fielding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.469	-	-	0.469
HEMTT ESP - STS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.809	-	-	1.809

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)	Item Number / Title [DODIC]: DV0012 / HEAVY EQUIPMENT TRANSPORTER SYS
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
HEMTT ESP - Transportation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.144	-	-	2.144
<i>Subtotal: Recurring Cost</i>	-	-	1,219.387	-	-	-	-	-	37.398	-	-	87.582	-	-	76.000	-	-	163.582
<i>Subtotal: Flyaway Cost</i>	-	-	1,219.387	-	-	-	-	-	37.398	-	-	87.582	-	-	76.000	-	-	163.582
Gross/Weapon System Cost	-	-	1,219.387	-	-	-	667.821	-	37.398	433.574	-	87.582	608.000	-	76.000	500.251	-	163.582

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	37.398	87.582	76.000	163.582
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	-	37.398	87.582	76.000	163.582

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)				Item Number / Title [DODIC]: DV0012 / HEAVY EQUIPMENT TRANSPORTER SYS				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
HETS Hardware ^(†)		2018	TBD / TBD	C / FFP	TACOM	Aug 2018	May 2019	20	1,410.000	N		
HETS Hardware ^(†)		2019	TBD / TBD	C / FFP	TACOM	Jan 2019	Mar 2019	120	385.390	N		
HEMTT ESP - M978A4 Hardware ^(†)	✓	2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2019	Nov 2019	134	476.930			

^(†) indicates the presence of a P-21

Remarks:

Unit cost in FY2018 reflects prior course of action which included the price of a new production tractor and trailer. The approved strategy is to only procure new trailers which reflects a lower unit cost in FY2019 and modify the tractors. Modifications required to the tractor will be executed through the Modification Line (DA0924).

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)										Item Number / Title [DODIC]: DV0012 / HEAVY EQUIPMENT TRANSPORTER SYS									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2020												Fiscal Year 2021												B A L A N C E		
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020												Calendar Year 2021												
							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
HETS Hardware																															
Prior Years Deliveries: 1387																															
	1	2018	ARMY	20	11	9	3	3	3																				0		
	1	2019	ARMY	120	70	50	10	10	10	10	10																		0		
HEMTT ESP - M978A4 Hardware																															
✓	2	2019	ARMY	134	0	134	-	11	11	11	11	11	12	12	11	11	11	11	11	11									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	

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8309DA0500 / Family Of Heavy Tactical Vehicles (FHTV)
		Item Number / Title [DODIC]: DV0012 / HEAVY EQUIPMENT TRANSPORTER SYS

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	TBD - TBD	6	20	84	0	11	9	20	0	4	2	6
2	Oshkosh Defense, LLC - Wisconsin	20	924	2,520	0	6	8	14	0	6	8	14

Remarks:
Currently no contractor has been selected. The FY 2019 Production Rates are based on market research. These figures will be updated once a contractor has been selected.

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
8331D16506 / PLS ESP

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	609	248	564	-	-	-	-	19	-	-	-	1,440
Gross/Weapon System Cost (<i>\$ in Millions</i>)	665.402	118.214	7.129	-	-	-	-	15.163	-	-	-	805.908
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	665.402	118.214	7.129	-	-	-	-	15.163	-	-	-	805.908
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	665.402	118.214	7.129	-	-	-	-	15.163	-	-	-	805.908

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	1,092.614	476.669	12.640	-	-	-	-	798.053	-	-	-	559.658

Description:

The Palletized Load System Extended Service Program (PLS ESP) is a Department of the Army (DA) supported recapitalization program critical to increasing the 16.5 ton payload to include armor capability for the 10 wheel drive PLS fleet. The PLS A1 truck contains capability for onboard Load Handling System, 16.5 ton PLS trailer, PLS Enhanced Container Handling Unit (E-CHU) for transporting 20' International Organization for Standardization containers, M3 Container Roll-in/Out Platforms (CROPs), M1077 Flatracks and M1 Flatracks in an armored configuration. The PLS ESP will remanufacture and upgrade older PLS AOs to the A1 configuration. The PLS A1 has improved survivability with an integrated underbody A-cab and a scalable B-kit (common to the HEMTT A4), an improved powertrain, suspension and electrical system and adds an anti-lock braking system, air conditioning and traction control. The PLS fleet is an essential force sustainment enabler in transportation and ordnance formations. This program produces a like-new vehicle with a full new vehicle warranty.

The Approved Acquisition Objective for PLS ESP is incorporated with PLS NEW at 7,102 vehicles.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	241	564	-	-	-	-	19	-	-
	Total Obligation Authority	111.230	7.129	-	-	-	-	15.163	-	-
ANG	Quantity	4	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.620	-	-	-	-	-	-	-	-
AR	Quantity	3	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.364	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	248	564	-	-	-	-	19	-	-
	Total Obligation Authority	118.214	7.129	-	-	-	-	15.163	-	-

Justification:

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles		P-1 Line Item Number / Title: 8331D16506 / PLS ESP
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604622A
Line Item MDAP/MAIS Code: N/A		
There are no FY 2019 Base or OCO procurement funding requirements for this program.		
In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.		

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
 8948DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,079	479	106	53	11	64	-	-	-	-	-	1,728
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,770.911	203.766	38.628	31.892	6.682	38.574	-	-	-	-	-	3,051.879
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,770.911	203.766	38.628	31.892	6.682	38.574	-	-	-	-	-	3,051.879
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,770.911	203.766	38.628	31.892	6.682	38.574	-	-	-	-	-	3,051.879

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	2,568.036	425.399	364.415	601.736	607.455	602.719	-	-	-	-	-	1,766.134

Description:

The Heavy Expanded Mobility Tactical Truck Extended Service Program (HEMTT-ESP) is a Recapitalization program critical to upgrading the 11 Ton payload, 8 wheel drive HEMTT to include armor ready capability as well as modernizing the aging fleet. The HEMTT-ESP remanufactures and upgrades 20+ year old HEMTT A0 vehicles and HEMTT A2 vehicles to the current A4 configuration. The HEMTT A4 has improved survivability with integrated under body A-Cab and a scalable B-Kit (common to the Palletized Load System (PLSA1)); a modern powertrain; upgraded suspension and electrical system and incorporates an anti-lock brake system, air conditioning and traction control as standard on the platform. The HEMTT fleet is an essential combat enabler in all Brigade Combat Team (BCT) formations. This program produces a like-new vehicle with a full new vehicle warranty.

Approved Acquisition Objective (AAO) for HEMTT ESP is incorporated with HEMTT new at 20,369.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	479	106	53	11	64	-	-	-	-
	Total Obligation Authority	203.766	38.628	31.892	6.682	38.574	-	-	-	-
Total: Secondary Distribution	Quantity	479	106	53	11	64	-	-	-	-
	Total Obligation Authority	203.766	38.628	31.892	6.682	38.574	-	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:** 8948DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv	P-5a, P-21	A		1,079 / 2,770.911	479 / 203.766	106 / 38.628	53 / 31.892	11 / 6.682	64 / 38.574
P-40	Total Gross/Weapon System Cost				1,079 / 2,770.911	479 / 203.766	106 / 38.628	53 / 31.892	11 / 6.682	64 / 38.574

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

FY 2019 Base procurement dollars in the amount of \$31.892 million supports the recapitalization of a total of 53 HEMTT variants to the latest A4 configuration in support of Direct Army and Army Prepositioned Stock (APS).

FY 2019 OCO procurement dollars in the amount of \$6.682 million supports the recapitalization of a total of 11 HEMTT M983A4 Tankers (Fuel Servicing Trucks) to the latest A4 configuration in support of Combatant Commands (COCOM) requirement for unit equipment sets to deter potential adversaries and support the European Deterrence Initiative (EDI). This provisions the European Deterrence Initiative - Army Prepositioned Stock (APS) which supports the establishment of Armored Brigade Combat Teams (ABCT) for EDI. Procurement is necessary to outfit the Pre-Positioned equipment sets. There is no excess inventory or viable substitute available to support the EDI requirement. APS must be filled with trucks that meet armoring requirements.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Gross Weapon System Unit Cost increase from FY 2018 to FY 2019 is caused from an incorrect feed to the FY 2019 PB forms of the FY 2018 quantities. The FY 2018 PB submission is for a quantity of 92, not 106, with a corrected Gross Weapon System Unit Cost of 419.870. Additionally, the hardware unit costs are incorrect in FY 2018 for manufacturing and did not include the additional costs of paint and machine fabrication. Actual unit costs will be updated to reflect corrections in the FY 2020 budget submission. Furthermore, the FY 2019 vehicle is more expensive than the vehicles of the FY 2018 model mix. The price list for this contract contains range pricing and the lower quantities result in higher unit costs. Hardware costs are reflected at the ceiling cost for this Fixed Price Incentive-Firm (FPI-F) contract type to cover any Government portion of any potential cost overruns. FY2019 Total Obligation Authority (TOA) is very low in comparison to the previous two years, however this program still requires the fixed cost of SEPM to support until transitioned to sustainment which contributes to the increase of the Gross Weapon System Unit Cost to 602.719.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8948DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv	Item Number / Title [DODIC]: DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	1,079	479	106	53	11	64
Gross/Weapon System Cost (\$ in Millions)	2,770.911	203.766	38.628	31.892	6.682	38.574
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	2,770.911	203.766	38.628	31.892	6.682	38.574
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2,770.911	203.766	38.628	31.892	6.682	38.574

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	2,568.036	425.399	364.415	601.736	607.455	602.719

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
HEMTT M984A4 Wrecker (ESP) ^(†)	1,115.275	316	352.427	440.455	110	48.450	-	-	-	495.769	13	6.445	-	-	-	495.769	13	6.445
HEMTT M1120A4 LHS (ESP) ^(†)	1,230.135	230	282.931	311.010	103	32.034	320.514	70	22.436	374.000	13	4.862	-	-	-	374.000	13	4.862
HEMTT M978A4 Tanker (ESP) ^(†)	1,379.630	465	641.528	445.435	46	20.490	-	-	-	466.231	13	6.061	393.636	11	4.330	432.958	24	10.391
HEMTT M985A4 Cargo (ESP) ^(†)	1,718.119	118	202.738	351.087	104	36.513	341.955	22	7.523	398.300	10	3.983	-	-	-	398.300	10	3.983
HEMTT M983A4 Tractor (ESP) ^(†)	-	-	109.513	339.945	73	24.816	-	-	-	353.000	1	0.353	-	-	-	353.000	1	0.353
HEMTT M983A4 LET (ESP) ^(†)	-	-	-	-	-	-	-	-	-	398.500	2	0.797	-	-	-	398.500	2	0.797
HEMTT M985E1 GMT (ESP) ^(†)	-	-	30.709	308.800	10	3.088	-	-	-	376.000	1	0.376	-	-	-	376.000	1	0.376
FRET	-	-	289.592	-	-	11.551	-	-	3.596	-	-	2.812	-	-	0.515	-	-	3.327
Recurring Engineering (STS)	-	-	292.083	-	-	1.718	-	-	-	-	-	2.508	-	-	-	-	-	2.508
Engineering Changes	-	-	24.903	-	-	3.892	-	-	0.449	-	-	0.662	-	-	0.126	-	-	0.788
System Engineering Program Management	-	-	138.510	-	-	7.385	-	-	2.225	-	-	1.510	-	-	1.010	-	-	2.520

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8948DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:
Item Number / Title [DODIC]: DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv		

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Testing	-	-	18.168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Documentation	-	-	98.651	-	-	4.060	-	-	-	-	-	-	-	-	-	-	-	-
Special Tools	-	-	22.604	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Fielding Support	-	-	261.940	-	-	4.916	-	-	0.764	-	-	0.883	-	-	0.611	-	-	1.494
Transportation	-	-	4.614	-	-	4.853	-	-	1.635	-	-	0.640	-	-	0.090	-	-	0.730
<i>Subtotal: Recurring Cost</i>	-	-	<i>2,770.911</i>	-	-	<i>203.766</i>	-	-	<i>38.628</i>	-	-	<i>31.892</i>	-	-	<i>6.682</i>	-	-	<i>38.574</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>2,770.911</i>	-	-	<i>203.766</i>	-	-	<i>38.628</i>	-	-	<i>31.892</i>	-	-	<i>6.682</i>	-	-	<i>38.574</i>
Gross/Weapon System Cost	2,568.036	1,079	2,770.911	425.399	479	203.766	364.415	106	38.628	601.736	53	31.892	607.455	11	6.682	602.719	64	38.574

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	479	106	53	11	64
	Total Obligation Authority	203.766	38.628	31.892	6.682	38.574
Total: Secondary Distribution	Quantity	479	106	53	11	64
	Total Obligation Authority	203.766	38.628	31.892	6.682	38.574

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army								Date: February 2018			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10				P-1 Line Item Number / Title: 8948DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv				Item Number / Title [DODIC]: DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv			

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
HEMTT M984A4 Wrecker (ESP) ^(†)		2017	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2017	Nov 2017	110	440.460	Y		
HEMTT M984A4 Wrecker (ESP) ^(†)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2019	Nov 2019	13	495.770	Y		
HEMTT M1120A4 LHS (ESP)		2017	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2017	Nov 2017	103	311.010	Y		
HEMTT M1120A4 LHS (ESP)		2018	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2018	Nov 2018	70	320.510	Y		
HEMTT M1120A4 LHS (ESP)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2019	Nov 2019	13	374.000	Y		
HEMTT M978A4 Tanker (ESP) ^(†)		2017	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2017	Nov 2017	46	445.435	Y		
HEMTT M978A4 Tanker (ESP) ^(†)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2019	Nov 2019	24	432.960	Y		
HEMTT M985A4 Cargo (ESP)		2017	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2017	Nov 2017	104	351.087	Y		
HEMTT M985A4 Cargo (ESP)		2018	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2018	Nov 2018	22	341.960	Y		
HEMTT M985A4 Cargo (ESP)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2019	Nov 2019	10	398.300	Y		
HEMTT M983A4 Tractor (ESP)		2017	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2017	Nov 2017	73	339.945	Y		
HEMTT M983A4 Tractor (ESP)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2019	Nov 2019	1	353.000	Y		
HEMTT M983A4 LET (ESP)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2018	Nov 2019	2	398.500	Y		
HEMTT M985E1 GMT (ESP)		2017	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2017	Nov 2017	10	308.800	Y		
HEMTT M985E1 GMT (ESP)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2019	Nov 2019	1	376.000	Y		

^(†) indicates the presence of a P-21

Remarks:
Unit costs are determined by range pricing at ceiling amount for each Ordering Year (OY) and reconciled after the delivery order (DO) is completed. FY 2019 utilizes Order Year Four (OY4) pricing.

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 8948DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv										Item Number / Title [DODIC]: DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2017													Fiscal Year 2018													BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017													Calendar Year 2018													
							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			
HEMTT M984A4 Wrecker (ESP)																																	
Prior Years Deliveries: 316																																	
	1	2017	ARMY	110	0	110																											
	1	2017	OTH (†)	36	0	36																											
	1	2017	Total	146	0	146																											
	1	2019	ARMY	13	0	13																											
HEMTT M978A4 Tanker (ESP)																																	
Prior Years Deliveries: 465																																	
	2	2017	ARMY	46	0	46																											
	2	2017	OTH (†)	4	0	4																											
	2	2017	Total	50	0	50																											
	2	2019	ARMY	24	0	24																											
							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			

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army															Date: February 2018														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 8948DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv										Item Number / Title [DODIC]: DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2019													Fiscal Year 2020													BALANCE				
O C O #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019													Calendar Year 2020															
							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					
HEMTT M984A4 Wrecker (ESP)																																			
Prior Years Deliveries: 316																																			
1		2017	ARMY	110	101	9	9																												0
1		2017	OTH (†)	36	33	3	3																												0
1		2017	Total	146	134	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
1		2019	ARMY	13	0	13																												1	
HEMTT M978A4 Tanker (ESP)																																			
Prior Years Deliveries: 465																																			
2		2017	ARMY	46	43	3	3																											0	
2		2017	OTH (†)	4	4	0	-																											0	
2		2017	Total	50	47	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
2		2019	ARMY	24	0	24																												2	
								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				

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8948DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv
		Item Number / Title [DODIC]: DV0021 / Hvy Expanded Mobile Tactical Truck Ext Serv

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Oshkosh Defense, LLC - Wisconsin	20	924	2,520	0	6	8	14	0	6	8	14
2	Oshkosh Defense, LLC - Wisconsin	20	924	2,520	0	6	8	14	0	6	8	14

(±) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
8980D04003 / Tactical Wheeled Vehicle Protection Kits

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,693	3,054	814	593	993	1,586	461	1,035	1,014	1,476	-	11,133
Gross/Weapon System Cost (<i>\$ in Millions</i>)	208.498	145.705	43.040	38.128	50.000	88.128	46.118	97.347	98.033	97.163	-	824.032
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	208.498	145.705	43.040	38.128	50.000	88.128	46.118	97.347	98.033	97.163	-	824.032
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	208.498	145.705	43.040	38.128	50.000	88.128	46.118	97.347	98.033	97.163	-	824.032

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	123.153	47.710	52.875	64.297	50.352	55.566	100.039	94.055	96.679	65.829	-	74.017

Description:

The Medium Tactical Vehicles (MTV) Protection Kit Suite includes an Armor Kit and a Fuel Tank Fire Suppression (FTFS) system. The Armor Kit consists of applique armor panels that are mounted to the FMTV A-Cab exterior to further improve occupant survivability from attack. The FTFS is a ballistic fire protection system designed to cover the fuel tank on the LTAS FMTV. The MTV Protection Kit Suite provides occupant protection through enhanced tactical vehicle ballistic protection. ISO containers are inclusive to facilitate long term storage. The Army Procurement Objective (APO) for Medium Tactical Vehicles (MTV) is 17,752.

The Heavy Tactical Vehicle (HTV) Protection Kit program provides Armor Survivability Suite protection. HTV Protection Kits include B-Kits (top and side armor for truck cabs), C-Kits (underbody armor for truck cabs), Fire Suppression, Fuel Tank Fire Suppression (FTFS) Blanket, Fuel Tank Self Sealant (FTSS), and Tank Armor Module (TAM) to enhance survivability. The Armor Survivability Suite components are mounted to an A-Kit Heavy Tactical Vehicle; which includes Heavy Expanded Mobility Tactical Truck (HEMTT), Heavy Equipment Transporter System (HETS) Urban Survivability Kit (HUSK), Palletized Load System (PLS), Heavy Dump Truck (HDT), and Line Haul configurations to address numerous threats that the Department of Defense has identified. The Armor Survivability Suite provides occupant protection through enhanced tactical vehicle ballistic protection. The Army Procurement Objective (APO) for Heavy Tactical Vehicles (HTV) is 9,207.

Protection kits were previously part of D15500 (Family of Medium Tactical Vehicles) and DA0500 (Family of Heavy Tactical Vehicles).

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	3,054	814	593	993	1,586	461	1,035	1,014	1,476
	Total Obligation Authority	145.705	43.040	38.128	50.000	88.128	46.118	97.347	98.033	97.163
Total: Secondary Distribution	Quantity	3,054	814	593	993	1,586	461	1,035	1,014	1,476
	Total Obligation Authority	145.705	43.040	38.128	50.000	88.128	46.118	97.347	98.033	97.163

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
 8980D04003 / Tactical Wheeled Vehicle Protection Kits

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	D04016 / MEDIUM TACTICAL VEHICLE PROTECTION KITS	P-5a, P-21	A		976 / 110.526	796 / 36.756	392 / 17.916	420 / 19.066	424 / 19.262	844 / 38.328
P-5	D04017 / HEAVY TACTICAL VEHICLE PROTECTION KITS	P-5a, P-21	A		717 / 97.972	2,258 / 108.949	422 / 25.124	173 / 19.062	569 / 30.738	742 / 49.800
P-40	Total Gross/Weapon System Cost				1,693 / 208.498	3,054 / 145.705	814 / 43.040	593 / 38.128	993 / 50.000	1,586 / 88.128

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Medium Tactical Vehicle (MTV) Protection Kit Base procurement dollars in the amount of \$19.066 million procures 420 each Armor Kits to support Active Army units. This procurement will help achieve the Army's Tactical Wheeled Vehicle protection objectives and bring the Medium Tactical Vehicle (MTV) closer to the Army Tactical Wheeled Vehicle (TWV) strategy of 30% armor kits on hand and gives the Army greater flexibility to react to a contingency with the knowledge that Soldiers will have the best protection available.

FY 2019 Medium Tactical Vehicle (MTV) Protection Kit OCO procurement dollars in the amount of \$19.262 million procures 424 each Armor Kits to support the European Deterrence Initiative.

FY 2019 Heavy Tactical Vehicle (HTV) Protection Kit Base procurement dollars in the amount of \$19.062 million procures 161 each Palletized Load System (PLS) B-Kits and 12 each Heavy Equipment Transport System (HETS) Urban Survivability Kits (HUSK) to support Active Army units and Army Pre-positioned Stocks (APS). Procurement of armor protection and maximizing use of armored vehicles equips deploying forces with the vehicles they require to perform their missions. This procurement will bring the Heavy Tactical Vehicle (HTV) closer to the Army Tactical Wheeled Vehicle (TWV) strategy of 30% armor kits on hand and gives the Army greater flexibility to react to a contingency with the knowledge that Soldiers will have the best protection available.

FY 2019 Heavy Tactical Vehicle (HTV) Protection Kit OCO procurement dollars in the amount of \$30.738 million procures 569 each HEMTT B-Kits to support the European Deterrence Initiative (EDI). This funding aligns with the Combatant Command (COCOM) requirement to deter potential adversaries and ensures that Active Army units can provide pre-positioned equipment sets. There is no excess inventory or viable substitutes available to support the EDI requirement.

System Engineering/Program Management (SEPM) includes Program Management and System Engineering oversight required to manage the program and provide contractor oversight. Salaries, Benefits, Travel, Personnel Training, and other government costs are included for retaining a professional acquisition workforce.

Gross Weapon System Unit Cost increase for D04017 from FY 2018 to FY 2019 is caused from the planned new procurement of the HETS Urban Survivability Kits (HUSK) at a higher unit cost as well as the test and documentation requirements for the weapon system.

The FY 2019 funding request was reduced for \$4.288 million to account for the availability of prior year execution balances.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8980D04003 / Tactical Wheeled Vehicle Protection Kits	Item Number / Title [DODIC]: D04016 / MEDIUM TACTICAL VEHICLE PROTECTION KITS

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (<i>Units in Each</i>)	976	796	392	420	424	844
Gross/Weapon System Cost (<i>\$ in Millions</i>)	110.526	36.756	17.916	19.066	19.262	38.328
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	110.526	36.756	17.916	19.066	19.262	38.328
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	110.526	36.756	17.916	19.066	19.262	38.328

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	113.244	46.176	45.704	45.395	45.429	45.412

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Protection Kits ^(†)	40.593	2,516	102.131	43.185	796	34.375	41.936	392	16.439	43.129	420	18.114	43.184	424	18.310	43.156	844	36.424
Transportation	-	-	2.277	-	-	0.666	-	-	0.315	-	-	0.409	-	-	0.409	-	-	0.818
Engineering Changes	-	-	2.936	-	-	1.040	-	-	0.493	-	-	0.543	-	-	0.543	-	-	1.086
Testing	-	-	0.150	-	-	0.022	-	-	0.022	-	-	-	-	-	-	-	-	-
Engineering Support	-	-	0.862	-	-	0.190	-	-	0.184	-	-	-	-	-	-	-	-	-
Quality Assurance	-	-	0.862	-	-	0.190	-	-	0.184	-	-	-	-	-	-	-	-	-
PM Support	-	-	1.307	-	-	0.273	-	-	0.279	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>110.526</i>	-	-	<i>36.756</i>	-	-	<i>17.916</i>	-	-	<i>19.066</i>	-	-	<i>19.262</i>	-	-	<i>38.328</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>110.526</i>	-	-	<i>36.756</i>	-	-	<i>17.916</i>	-	-	<i>19.066</i>	-	-	<i>19.262</i>	-	-	<i>38.328</i>
Gross/Weapon System Cost	113.244	976	110.526	46.176	796	36.756	45.704	392	17.916	45.395	420	19.066	45.429	424	19.262	45.412	844	38.328

Secondary Distribution	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	796	392	420	424	844
Total Obligation Authority	36.756	17.916	19.066	19.262	38.328
Total: Secondary Distribution	796	392	420	424	844
Total Obligation Authority	36.756	17.916	19.066	19.262	38.328

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8980D04003 / Tactical Wheeled Vehicle Protection Kits	Item Number / Title [DODIC]: D04016 / MEDIUM TACTICAL VEHICLE PROTECTION KITS
ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:	

(†) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8980D04003 / Tactical Wheeled Vehicle Protection Kits				Item Number / Title [DODIC]: D04016 / MEDIUM TACTICAL VEHICLE PROTECTION KITS				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Protection Kits ^(†)		2017	Ibis Tek, LLC / Butler, OH	C / FFP	TACOM; Warren MI	Feb 2017	Oct 2017	796	43.190	Y		
Protection Kits ^(†)		2018	TBD / TBD	C / FFP	TBD	Mar 2018	Oct 2018	392	41.940			
Protection Kits ^(†)		2019	TBD / TBD	C / FFP	TBD	Feb 2019	Oct 2019	844	43.160			

^(†) indicates the presence of a P-21

Remarks:

FY17 was the last ordering year for Ibis Tek. A follow on contract is to be determined upon completion of competitive bid process with target award date of Mar 2018.

Production rates are estimated until new contract award.

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8980D04003 / Tactical Wheeled Vehicle Protection Kits
Item Number / Title [DODIC]: D04016 / MEDIUM TACTICAL VEHICLE PROTECTION KITS		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Ibis Tek, LLC - Butler, OH	20	40	80	0	5	8	13	0	5	8	13
2	TBD - TBD	20	40	80	0	0	0	0	0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8980D04003 / Tactical Wheeled Vehicle Protection Kits	Item Number / Title [DODIC]: D04017 / HEAVY TACTICAL VEHICLE PROTECTION KITS

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	717	2,258	422	173	569	742
Gross/Weapon System Cost (\$ in Millions)	97.972	108.949	25.124	19.062	30.738	49.800
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	97.972	108.949	25.124	19.062	30.738	49.800
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	97.972	108.949	25.124	19.062	30.738	49.800

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	136.642	48.250	59.536	110.185	54.021	67.116

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Protection Kits - Model Mix ^(†)	81.852	1,139	93.229	45.759	2,258	103.324	51.090	422	21.560	-	-	-	-	-	-	-	-	-
Palletized Load System (PLS) B-Kits ^(†)	-	-	-	-	-	-	-	-	-	56.435	161	9.086	-	-	-	56.435	161	9.086
Heavy Expanded Mobility Tactical Truck (HEMTT) B-Kits ^(†)	-	-	-	-	-	-	-	-	-	-	-	-	48.800	569	27.767	48.800	569	27.767
HETS Urban Survivability Kits (HUSK) ^(†)	-	-	-	-	-	-	359.917	12	4.319	-	-	-	-	-	-	359.917	12	4.319
ISO Containers	-	-	-	-	-	-	-	-	-	-	-	0.059	-	-	0.205	-	-	0.264
Engineering Changes	-	-	1.743	-	-	3.268	-	-	0.647	-	-	0.381	-	-	0.780	-	-	1.161
System Engineering / Program Management	-	-	2.156	-	-	1.279	-	-	2.390	-	-	1.850	-	-	-	-	-	1.850
Systems Test and Evaluation	-	-	-	-	-	-	-	-	0.107	-	-	0.443	-	-	-	-	-	0.443
Transportation	-	-	0.844	-	-	1.077	-	-	0.420	-	-	0.263	-	-	0.804	-	-	1.067
Documentation - HUSK	-	-	-	-	-	-	-	-	-	-	-	1.196	-	-	-	-	-	1.196
Storage and Handling	-	-	-	-	-	-	-	-	-	-	-	0.644	-	-	1.182	-	-	1.826
Subtotal: Recurring Cost	-	-	97.972	-	-	108.948	-	-	25.124	-	-	18.241	-	-	30.738	-	-	48.979

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army												Date: February 2018					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10						P-1 Line Item Number / Title: 8980D04003 / Tactical Wheeled Vehicle Protection Kits						Item Number / Title [DODIC]: D04017 / HEAVY TACTICAL VEHICLE PROTECTION KITS					
ID Code (A=Service Ready, B=Not Service Ready) : A												MDAP/MAIS Code:					

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Non Recurring Cost																		
Heavy Tactical Vehicle Protection Kits - HUSK Tooling	-	-	-	-	-	-	-	-	-	-	-	0.821	-	-	-	-	-	0.821
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.821	-	-	-	-	-	0.821
<i>Subtotal: Flyaway Cost</i>	-	-	97.972	-	-	108.948	-	-	25.124	-	-	19.062	-	-	30.738	-	-	49.800
Gross/Weapon System Cost	136.642	717	97.972	48.250	2,258	108.949	59.536	422	25.124	110.185	173	19.062	54.021	569	30.738	67.116	742	49.800

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	2,258	422	173	569	742
	Total Obligation Authority	108.949	25.124	19.062	30.738	49.800
Total: Secondary Distribution	Quantity	2,258	422	173	569	742
	Total Obligation Authority	108.949	25.124	19.062	30.738	49.800

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8980D04003 / Tactical Wheeled Vehicle Protection Kits				Item Number / Title [DODIC]: D04017 / HEAVY TACTICAL VEHICLE PROTECTION KITS				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Protection Kits - Model Mix		2017	Fidelity Technologies / Reading, PA	C / IDIQ	TACOM, Warren, MI	Feb 2017	Jun 2017	880	16.690	Y		
Protection Kits - Model Mix		2017	TBD - Protection Kits - Mix / TBD	C / IDIQ	TACOM, Warren, MI	Aug 2018	Dec 2018	1,378	16.690	Y		
Protection Kits - Model Mix		2018	TBD - Protection Kits - Mix / TBD	C / IDIQ	TACOM, Warren, MI	Aug 2018	Dec 2018	422	51.090	Y		
Palletized Load System (PLS) B-Kits ^(t)		2019	TBD - PLS B-Kits / TBD	C / IDIQ	TACOM, Warren, MI	Mar 2019	Jul 2019	161	56.440	Y		
Heavy Expanded Mobility Tactical Truck (HEMTT) B-Kits ^(t)	✓	2019	TBD - HEMTT B-Kits / TBD	C / IDIQ	TACOM, Warren, MI	Mar 2019	Jul 2019	569	48.800	Y		
HETS Urban Survivability Kits (HUSK)		2019	TBD - HUSK / TBD	C / IDIQ	TACOM, Warren, MI	Jun 2019	Oct 2019	12	359.920	Y		

^(t) indicates the presence of a P-21

Remarks:
FY17 was the last ordering year for Fidelity. A follow on contract is to be determined upon completion of competitive bid process with target award date of Aug 2018. Production rates and lead times are estimated until new contract award.

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8980D04003 / Tactical Wheeled Vehicle Protection Kits
Item Number / Title [DODIC]: D04017 / HEAVY TACTICAL VEHICLE PROTECTION KITS		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2019	1-8-5 For 2019	MAX For 2019	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	TBD - PLS B-Kits - TBD	40	60	120	0	11	4	15	0	6	4	10
2	TBD - HEMTT B-Kits - TBD	40	60	120	0	11	4	15	0	6	4	10

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles

P-1 Line Item Number / Title:
 8992DA0924 / Modification Of In Svc Equip

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	6,750.395	189.456	148.587	78.507	186.377	264.884	80.864	59.713	66.333	71.186	-	7,631.418
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	6,750.395	189.456	148.587	78.507	186.377	264.884	80.864	59.713	66.333	71.186	-	7,631.418
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	6,750.395	189.456	148.587	78.507	186.377	264.884	80.864	59.713	66.333	71.186	-	7,631.418

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	24,909.207	234.475	196.544	564.799	347.718	392.421	1,470.255	1,085.691	1,251.566	1,395.804	-	2,801.548

Description:

This budget line funds Modifications of In-Service Equipment to the Tactical Wheeled Vehicle fleet to include trailers and enablers. It is used to develop material solutions and also to procure hardware, materials, and the hardware installation cost required to complete the modification. Modifications are performed to correct safety deficiencies; increase mission capabilities and interoperability; extend the useful life; improve supportability; upgrade existing technology; increase efficiency; improve readiness; address obsolescence issues; and to meet new and/or changing statutory and regulatory requirements. By modifying existing equipment, the Army maintains a ready, supportable inventory of equipment that meets current requirements and regulations at a cost considerably below that of buying new equipment.

This line funds the Army's plan to recapitalize Mine Resistant Ambush Protected (MRAP) RG33L+ variant vehicles originally bought to fill Operational Needs Statement (ONS) or Joint Operational Needs Statement (JUONS) into Program of Record (PoR) Panther Medium Mine Protected Vehicle (MMPV) Type I (a 6X6 vehicle). In addition, this line implements the Army's plan to upgrade a mix of ONS/JUONS vehicles: Husky, Panther-MMPV Type I, Buffalo, and RG31-MMPV Type II (a 4X4 vehicle) in conjunction with a reset program to field PoR vehicles to Engineer Companies; Chemical, Biological, Radiological, Nuclear, Explosive (CBRNE) Units; Explosive Ordnance Disposal (EOD) Units; and Area Clearance Platoons.

The Family of Heavy Tactical Vehicles (FHTV) modification effort includes, but is not limited to, upgrades to the Palletized Load System Trailer (PLST) with Container Transfer Enhancement (CTE). The CTE enables the PLS truck to directly transload a standard 20-foot International Organization for Standardization (ISO) container to the M1076 PLS trailer without the need for a M1077 flatrack. In addition, this line funds the United States Army Europe (USAREUR) Operational Needs Statement (ONS #17-22207) for Heavy Equipment Transporter System (HETS) tractor modifications. It utilizes the existing M1070A1 HETS tractor to meet the payload screen and road transportability benchmark and provides the best cost, delivery schedule and risk rating. Per the 1 DEC 17 Army Requirement Oversight Committee (AROC), the USAREUR HETS ONS solution shall ultimately be capable of carrying 85 tons of payload and receive road permits at 75 tons within the European Union. Modifications to the tractor will allow the use of the HETS Urban Survivability Kit (HUSK) armored cab if operational conditions change. This line can also fund modifications for active safety; autonomy; and Modification Work Orders (MWOs).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
 8992DA0924 / Modification Of In Svc Equip

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604622A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	DA0925 / Various (Various)				- / 2,086.314	- / 179.356	- / 125.268	- / 64.717	- / 157.777	- / 222.494
P-40a	DA0926 / MODIFICATION APPLICATION (Various)				- / 4,664.081	- / 10.100	- / 23.319	- / 13.790	- / 28.600	- / 42.390
P-40	Total Gross/Weapon System Cost				- / 6,750.395	- / 189.456	- / 148.587	- / 78.507	- / 186.377	- / 264.884

Exhibits Schedule					FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	DA0925 / Various (Various)				- / 67.527	- / 49.583	- / 56.361	- / 58.638	- / -	- / 2,845.541
P-40a	DA0926 / MODIFICATION APPLICATION (Various)				- / 13.337	- / 10.130	- / 9.972	- / 12.548	- / -	- / 4,785.877
P-40	Total Gross/Weapon System Cost				- / 80.864	- / 59.713	- / 66.333	- / 71.186	- / -	- / 7,631.418

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Base procurement dollars of \$69.452 million supports the fielding of 268 Husky, Buffalo, Panther, and Medium Mine Protected Vehicle Type II (Recapped RG-31) and required spare parts. Funds the Husky Engineering Change Proposal (ECP) to provide the ability to Lift and Tie down the Husky vehicle for transport. This ECP is an Operations and Sustainment Cost Savings initiative since currently the Husky requires a crane for disassembly and containerization. Funds Interim Contractor Logistic Support (ICLS) for previously fielded vehicles until validated maintenance manuals are available and Field Level Maintenance / New Equipment Training (FLMNET) is provided. In FY19 the fielding teams will provide FLMNET to 36 units. Funds Program Management Support for the Product Office. The DA0924 split between DA0925 and DA0926 is 85% (DA0925) and 15% (DA0926) across both OCO and Base. The reason for the fluctuation between FY 17 and 18 is that in FY 17 all of the OCO funding was under DA0925 and this resulted in a lower percentage in DA0926 which made it look like installation cost in FY 18 increased when in reality it stayed the same as a percentage of total cost.

FY 2019 Base procurement dollars in the amount of \$3.613 million funds the procurement of 110 kits and 262 installs of the Container Transfer Enhancement (CTE) for Heavy Tactical Vehicle's Palletized Load System Trailers (PLSTs). CTE equipment provides Army commanders with the flexibility they need to respond to rapidly shifting operations by supplying the capability to transport critical cargo in order to support a versatile and expandable distribution system.

FY 2019 Base procurement dollars in the amount of \$5.442 million provides for 8 United States Army Europe (USAREUR) Heavy Equipment Transporter Systems (HETS) Operational Needs Statement (ONS) Tractor Modifications to pair with commercial new production trailers. Per the 1 DEC 17 Army Requirements Oversight Committee (AROC), this additional modification to the tractor will allow it to achieve an ultimate carrying capacity of 85 tons while achieving host country road permits at a weight of 75 tons.

FY 2019 OCO procurement dollars of \$186.000 million supports the Army's plan for recapitalization-production of 236 Medium Mine Protected Vehicle Type II MMPV Type II (AAO 919). Procurement of GFE, which includes: Objective Gunner Kits, Drivers Vision Enhancement, Vehicle Internal Communication and A kits for radios, Blue Force Tracker, Defense Advanced Global Positioning System Receiver, jammers, chemical alarms. Equipment Costs which include Multi-functional Video Displays, Interrogator Arm, Robot Deployment System and Vehicle Protection kits. The DA0924 split between DA0925 and DA0926 is 85% (DA0925) and 15% (DA0926) across both OCO and Base. The reason for the fluctuation between FY 17 and 18 is that in FY 17 all of the OCO funding was under DA0925 this resulted in a lower percentage in DA0926 which made it look like installation cost in FY 18 increased when in reality it stayed the same as a percentage of total cost.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles		P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604622A
Line Item MDAP/MAIS Code: N/A		
<p>FY 2019 OCO procurement dollars in the amount of \$0.377 million provides for the hardware and installation of 21 CTE Kits on PLS trailers in support of the Combatant Command (COCOM) requirement for unit equipment sets to deter potential adversaries and support the European Deterrence Initiative (EDI) in outfitting the pre-positioned equipment sets.</p> <p>SEPM includes PM and System Engineering oversight required to manage the program and contractors. Salaries, Benefits, Travel, Personnel Training and other Government costs are included for retaining a professional acquisition workforce.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</p>		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip	Modification Number / Title: DA0925 / Various

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,086.314	179.356	125.268	64.717	157.777	222.494	67.527	49.583	56.361	58.638	-	2,845.541
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,086.314	179.356	125.268	64.717	157.777	222.494	67.527	49.583	56.361	58.638	-	2,845.541
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,086.314	179.356	125.268	64.717	157.777	222.494	67.527	49.583	56.361	58.638	-	2,845.541

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	7,698.576	221.975	189.800	465.590	444.442	450.393	1,227.764	901.509	1,063.415	1,149.765	-	1,162.869

Description:

This line funds the Army's plan to recapitalize Mine Resistant Ambush Protected (MRAP) RG33L+ variant vehicles originally bought to fill Operational Needs Statement (ONS) or Joint Urgent Operational Needs Statement (JUONS) into Program of Record (PoR) Panther Medium Mine Protected Vehicle (MMPV) Type I (a 6X6 vehicle). In addition, this line implements the Army's plan to upgrade a mix of ONS/JUONS vehicles: Husky, Panther-MMPV Type I, Buffalo, and RG31-MMPV Type II (a 4X4 vehicle) in conjunction with a reset program to field PoR vehicles to Engineer Companies; Chemical, Biological, Radiological, Nuclear, Explosive (CBRNE) Units; EOD Units; and Area Clearance Platoons.

The Family of Heavy Tactical Vehicles (FHTV) modification effort includes, but is not limited to, upgrades to the Palletized Load System Trailer (PLST) with Container Transfer Enhancement (CTE). The CTE enables the PLS truck to directly transload a standard 20-foot International Organization for Standardization (ISO) container to the M1076 PLS trailer without the need for a M1077 flatrack. In addition, this line funds the United States Army Europe (USAREUR) Operational Needs Statement (ONS #17-22207) for Heavy Equipment Transporter System (HETS) tractor modifications. It utilizes the existing M1070A1 HETS tractor to meet the payload screen and road transportability benchmark and provides the best cost, delivery schedule and risk rating. Per the 1 DEC 17 Army Requirement Oversight Committee (AROC), the USAREUR HETS ONS solution shall ultimately be capable of carrying 85 tons of payload and receive road permits at 75 tons within the European Union. Modifications to the tractor will allow the use of the HETS Urban Survivability Kit (HUSK) armored cab if operational conditions change. This line can also fund modifications for active safety; autonomy; and Modification Work Orders (MWOs).

FY 2019 Base procurement dollars of \$57.758 million supports the fielding of 268 Husky, Buffalo, Panther, and Medium Mine Protected Vehicle Type II (Recapped RG-31) and required spare parts. Funds the Husky ECP to provide the ability to Lift and Tie down the Husky vehicle for transport. This engineering change proposal (ECP) is an Operations and Sustainment Cost Savings initiative since currently the Husky requires a crane to disassemble and containerize for transport then a crane to re-assemble at new location. Funds Interim Contractor Logistic Support (ICLS) for previously fielded vehicles until validated maintenance manuals are available and Field Level Maintenance / New Equipment Training (FLMNET) is provided. In FY19 the fielding teams will provide FLMNET to 36 units. Funds Program Management Support for the Product Office. The DA0924 split between DA0925 and DA0926 is 85% (DA0925) and 15% (DA0926) across both OCO and Base. The reason for the fluctuation between FY 17 and 18 is that in FY 17 all of the OCO funding was under DA0925 this resulted in a lower percentage in DA0926 which made it look like installation cost in FY 18 increased when in reality it stayed the same as a percentage of total cost.

FY 2019 Base procurement dollars in the amount of \$2.219 million funds the procurement of 110 kits of Container Transfer Enhancement (CTE) for Heavy Tactical Vehicle's Palletized Load System Trailers (PLSTs). CTE equipment provides Army commanders with the flexibility they need to respond to rapidly shifting operations by supplying the capability to transport critical cargo in order to support a versatile and expandable distribution system.

FY 2019 Base procurement dollars in the amount of \$5.442 million provides for 8 United States Army Europe (USAREUR) Heavy Equipment Transporter Systems (HETS) Operational Needs Statement (ONS) Tractor Modifications to pair with commercial new production trailers. Per the 1 DEC 17 Army Requirements Oversight Committee (AROC), this additional modification to the tractor will allow it to achieve an ultimate carrying capacity of 85 tons while achieving host country road permits at a weight of 75 tons.

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip	Modification Number / Title: DA0925 / Various
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:
<p>FY 2019 OCO procurement dollars in the amount of \$0.377 million provides for the hardware and installation of 21 CTE Kits on PLS trailers in support of the Combatant Command (COCOM) requirement for unit equipment sets to deter potential adversaries and support the European Deterrence Initiative (EDI) in outfitting the pre-positioned equipment sets.</p> <p>FY 2019 OCO procurement dollars of \$157.400 million supports the Army's plan for recapitalization-production of 236 Medium Mine Protected Vehicle Type II MMPV Type II (AAO 919). Procurement of GFE, which includes: Objective Gunner Kits, Drivers Vision Enhancement, Vehicle Internal Communication and A kits for radios, Blue Force Tracker, Defense Advanced Global Positioning System Receiver, jammers, chemical alarms. Equipment Costs which include Multi-functional Video Displays, Interrogator Arm, Robot Deployment System and Vehicle Protection kits. The DA0924 split between DA0925 and DA0926 is 85% (DA0925) and 15% (DA0926) across both OCO and Base. The reason for the fluctuation between FY 17 and 18 is that in FY 17 all of the OCO funding was under DA0925 this resulted in a lower percentage in DA0926 which made it look like installation cost in FY 18 increased when in reality it stayed the same as a percentage of total cost.</p>		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2019 Army										Date: February 2018			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10					P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip					Modification Number / Title: DA0925 / Various			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: Various				Modification Type: Various				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)				
Procurement													
Modification Item 1 of 2: Recapitalization (MPCRV)													
A Kits													
Recurring													
Engineering Support	- / -	- / 11.078	- / 16.000	- / 10.000	- / 14.000	- / 14.000	- / 1.500	- / 1.500	- / 1.500	- / -	- / 10.000	- / 25.578	
Kit Quantity	271 / 1,913.162	201 / 75.466	102 / 27.872	0 / 0.000	236 / 79.960	236 / 79.960	- / -	- / -	- / -	- / -	- / 0.000	810 / 2,096.460	
Fielding/FLMNET	- / -	- / 8.682	- / 9.845	- / 16.419	- / 12.791	- / 19.210	- / 3.329	- / 5.832	- / 7.443	- / 5.790	- / 0.000	- / 60.131	
Equipment	- / -	- / 23.351	- / 20.640	- / 10.000	- / 51.448	- / 51.448	- / 9.731	- / 4.978	- / 17.015	- / 23.453	- / 0.000	- / 150.616	
Parts	- / -	- / 10.658	- / 16.715	- / 15.576	- / -	- / 15.576	- / -	- / 1.820	- / -	- / 2.087	- / 0.000	- / 16.856	
Program Support	- / -	- / 17.058	- / 13.000	- / 15.298	- / -	- / 15.298	- / 11.874	- / 10.624	- / 10.552	- / 9.384	- / 0.000	- / 87.790	
Transportation	- / -	- / 2.000	- / 2.000	- / 14.450	- / -	- / 14.450	- / 4.450	- / 3.613	- / 2.218	- / 4.298	- / 0.000	- / 23.029	
Testing	- / 26.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 26.220	
ICLS	- / -	- / 18.841	- / 17.001	- / 16.551	- / -	- / 16.551	- / 16.250	- / 12.000	- / 11.520	- / 10.300	- / 0.000	- / 102.463	
GFE	- / -	- / 8.007	- / 14.837	- / 3.562	- / 5.332	- / 8.894	- / 8.894	- / 5.332	- / 1.378	- / 1.898	- / 0.000	- / 39.240	
Log Support	- / -	- / 3.362	- / 14.026	- / 5.200	- / 3.869	- / 9.069	- / 10.039	- / 2.435	- / 3.295	- / -	- / 0.000	- / 32.226	
Subtotal: Recurring	271 / 1,939.382	201 / 168.503	102 / 111.936	- / 57.056	236 / 157.400	236 / 214.456	- / 66.067	- / 48.134	- / 54.921	- / 57.210	- / -	810 / 2,660.609	
Subtotal: Recapitalization (MPCRV)	271 / 1,939.382	201 / 168.503	102 / 111.936	- / 57.056	236 / 157.400	236 / 214.456	- / 66.067	- / 48.134	- / 54.921	- / 57.210	- / -	810 / 2,660.609	
Modification Item 2 of 2: Family of Heavy Tactical Vehicles MOD Efforts													
A Kits													
Recurring													
CTE KIT QUANTITY	- / 145.730	277 / 2.345	555 / 4.632	110 / 1.293	21 / 0.247	131 / 1.540	57 / 0.864	56 / 0.866	54 / 0.852	52 / 0.837	- / 0.000	1,182 / 157.666	
CTE Install Hardware (OCO Only)	- / -	- / 0.708	- / 1.953	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 2.661	
CTE - SEPM	- / 0.937	- / 2.513	- / 2.487	- / 10.247	- / -	- / 10.247	- / 10.240	- / 0.236	- / 0.246	- / 0.254	- / 0.000	- / 17.160	
CTE - Engineering Change Proposals (ECPs)	- / 0.010	- / -	- / 0.022	- / 0.011	- / -	- / 0.011	- / 0.011	- / 0.011	- / 0.011	- / 0.012	- / 0.000	- / 0.088	
CTE - FIELDING	- / 0.115	- / 1.500	- / 1.556	- / 0.201	- / 0.041	- / 0.242	- / 0.110	- / 0.100	- / 0.105	- / 0.103	- / 0.000	- / 3.831	
CTE FDT	- / 0.140	- / 0.987	- / 2.682	- / 0.467	- / 0.089	- / 0.556	- / 0.235	- / 0.236	- / 0.226	- / 0.222	- / 0.000	- / 5.284	
HETS Tractor Mods - Hardware	- / -	- / -	- / -	8 / 3.041	- / -	8 / 3.041	- / -	- / -	- / -	- / -	- / 0.000	8 / 3.041	
HETS Tractor Mods - SEPM	- / -	- / -	- / -	- / 10.408	- / -	- / 10.408	- / -	- / -	- / -	- / -	- / 0.000	- / 10.408	
HETS Tractor Mods - ECP	- / -	- / -	- / -	- / 10.026	- / -	- / 10.026	- / -	- / -	- / -	- / -	- / 0.000	- / 10.026	
HETS Tractor Mods - TEST	- / -	- / -	- / -	- / 1.636	- / -	- / 1.636	- / -	- / -	- / -	- / -	- / 0.000	- / 1.636	
HETS Tractor Mods - SPECIAL TOOLS	- / -	- / -	- / -	- / 10.020	- / -	- / 10.020	- / -	- / -	- / -	- / -	- / 0.000	- / 10.020	
HETS Tractor Mods - FIELDING	- / -	- / -	- / -	- / 10.206	- / -	- / 10.206	- / -	- / -	- / -	- / -	- / 0.000	- / 10.206	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip	Modification Number / Title: DA0925 / Various

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
---	------------------------

Models of Systems Affected: Various	Modification Type: Various	Related RDT&E PEs:
--	-----------------------------------	-------------------------------

Financial Plan	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
	Qty (Each) / Total Cost (\$ M)											
HETS Tractor Mods - FDT	- / -	- / -	- / -	- / 0.105	- / -	- / 0.105	- / -	- / -	- / -	- / -	- / 0.000	- / 0.105
PLS HOOK ARM PIN EFFORT	- / -	- / 12.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 12.800
<i>Subtotal: Recurring</i>	- / 146.932	277 / 10.853	555 / 13.332	118 / 7.661	21 / 0.377	139 / 8.038	57 / 1.460	56 / 1.449	54 / 1.440	52 / 1.428	- / -	1,190 / 184.932
<i>Subtotal: Family of Heavy Tactical Vehicles MOD Efforts</i>	- / 146.932	277 / 10.853	555 / 13.332	118 / 7.661	21 / 0.377	139 / 8.038	57 / 1.460	56 / 1.449	54 / 1.440	52 / 1.428	- / -	1,190 / 184.932
<i>Subtotal: Procurement, All Modification Items</i>	271 / 2,086.314	478 / 179.356	657 / 125.268	118 / 64.717	257 / 157.777	375 / 222.494	57 / 67.527	56 / 49.583	54 / 56.361	52 / 58.638	- / -	2,000 / 2,845.541

Installation												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Total												
Total Cost (Procurement + Support + Installation)	2,086.314	179.356	125.268	64.717	157.777	222.494	67.527	49.583	56.361	58.638	-	2,845.541

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2019 Army						Date: February 2018	
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip			Modification Number / Title: DA0925 / Various	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 1 of 2: Recapitalization (MPRCV)							
Manufacturer Information							
Manufacturer Name: Letterkenny Army Depot (LEAD					Manufacturer Location: Chambersburg, PA.		
Administrative Leadtime (<i>in Months</i>): 5					Production Leadtime (<i>in Months</i>): 4		
Dates	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Contract Dates	Jan 2017	Feb 2018	Feb 2019	Feb 2020	Feb 2021	Feb 2022	Feb 2023
Delivery Dates	Jul 2017	Jul 2018	Jul 2019	Jul 2020	Jul 2021	Jul 2022	Jul 2023
Installation Information							
Method of Implementation (Organic): Depot Recap						Installation Quantity: 0	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2019 Army						Date: February 2018	
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip			Modification Number / Title: DA0925 / Various	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 2 of 2: Family of Heavy Tactical Vehicles MOD Efforts							
Manufacturer Information							
Manufacturer Name: OSHKOSH				Manufacturer Location: Oshkosh, WI			
Administrative Leadtime (in Months): 9				Production Leadtime (in Months): 3			
Dates	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Contract Dates	Jun 2017	Jun 2018	Jun 2019	Jun 2020	Jun 2021	Jun 2022	Jun 2023
Delivery Dates	Sep 2017	Sep 2018	Sep 2019	Sep 2020	Sep 2021	Sep 2022	Sep 2023
Installation Information							
Method of Implementation (Organic): TBD					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2019 Army															Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10						P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip									Aggregated Modification Items Title: Various				

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
MODIFICATION APPLICATION																				
DA0926 / MODIFICATION APPLICATION			-	-	4,664.081	-	-	10.100	-	-	23.319	-	-	13.790	-	-	28.600	-	-	42.390
Subtotal: MODIFICATION APPLICATION			-	-	4,664.081	-	-	10.100	-	-	23.319	-	-	13.790	-	-	28.600	-	-	42.390
Total			-	-	4,664.081	-	-	10.100	-	-	23.319	-	-	13.790	-	-	28.600	-	-	42.390
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2020			FY 2021			FY 2022			FY 2023			To Complete			Total Cost		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
MODIFICATION APPLICATION																				
DA0926 / MODIFICATION APPLICATION			-	-	13.337	-	-	10.130	-	-	9.972	-	-	12.548	-	-	-	-	-	4,785.877
Subtotal: MODIFICATION APPLICATION			-	-	13.337	-	-	10.130	-	-	9.972	-	-	12.548	-	-	-	-	-	4,785.877
Total			-	-	13.337	-	-	10.130	-	-	9.972	-	-	12.548	-	-	-	-	-	4,785.877

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
MODIFICATION APPLICATION		
DA0926 / MODIFICATION APPLICATION	Various	Various

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 10: Tactical Vehicles **P-1 Line Item Number / Title:**
 8995D03002 / Mine-Resistant Ambush-Protected (MRAP) Mods

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,638	1	1,500	-	-	-	-	-	-	-	-	3,139
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,835.199	10.611	17.508	-	-	-	-	-	-	-	-	1,863.318
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,835.199	10.611	17.508	-	-	-	-	-	-	-	-	1,863.318
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,835.199	10.611	17.508	-	-	-	-	-	-	-	-	1,863.318

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	1,120.390	10,611.000	11.672	-	-	-	-	-	-	-	-	593.602

Description:

This budget line implements the Army's plan to synchronize the reset and upgrade to common configurations of the Mine Resistant, Ambush Protected (MRAP) fleet returning from theater for Army enduring requirements, as well as produce/procure materiel solutions to evolving threats in response to urgent warfighter requirements. These vehicles were originally procured in response to Operational Needs Statements, Joint Urgent Operational Needs Statements, and Universal Urgent Needs Statements to meet wartime requirements to mitigate the effects of Improvised Explosive Devices, underbody mines, rocket propelled grenades, and small arms threats. The Army reduced the MRAP enduring requirement from 8,585 vehicles to 8,222 vehicles in Feb 2016. All other MRAP variants will be divested.

"In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	1	1,500	-	-	-	-	-	-	-
	Total Obligation Authority	10.611	17.508	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	1	1,500	-	-	-	-	-	-	-
	Total Obligation Authority	10.611	17.508	-	-	-	-	-	-	-

Justification:

There is no FY19 Base or OCO funding for this program.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 20: Non-Tactical Vehicles

P-1 Line Item Number / Title:
0300D22100 / Heavy Armored Sedan

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	2	-	2	2	2	2	2	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	45.150	0.394	0.269	0.790	-	0.790	0.791	0.850	0.868	0.884	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	45.150	0.394	0.269	0.790	-	0.790	0.791	0.850	0.868	0.884	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	45.150	0.394	0.269	0.790	-	0.790	0.791	0.850	0.868	0.884	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	395.000	-	395.000	395.500	425.000	434.000	442.000	Continuing	Continuing

Description:

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 Service members requiring protection. These vehicles are essential for protecting lives. Heavy Armored Sedan is a vehicle replacement program that does not have a set Army Acquisition Objective (AAO). Procurements are made when requirements arise based on threat conditions or when existing vehicles need to be replaced due to unserviceable condition or over-age and over-mileage status.

Secondary Distribution	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army									
Quantity	-	0	2	-	2	2	2	2	2
Total Obligation Authority	0.394	0.269	0.790	-	0.790	0.791	0.850	0.868	0.884
Total:									
Secondary Distribution									
Quantity	-	-	2	-	2	2	2	2	2
Total Obligation Authority	0.394	0.269	0.790	-	0.790	0.791	0.850	0.868	0.884

Justification:

FY 2019 Base procurement dollars in the amount of \$0.790 million supports the physical security of High Resource Personnel (HRP) in areas of threat, such as Europe, Korea, Africa, and Southwest Asia. Two vehicle replacements are needed in Europe to ensure the continued physical security and protection of General Officers and visiting dignitaries.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 20: Non-Tactical Vehicles

P-1 Line Item Number / Title:
 0358D23000 / Passenger Carrying Vehicles

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	23	-	-	25	-	25	25	25	25	25	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	288.638	-	1.320	1.390	-	1.390	1.416	1.445	1.475	1.505	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	288.638	-	1.320	1.390	-	1.390	1.416	1.445	1.475	1.505	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	288.638	-	1.320	1.390	-	1.390	1.416	1.445	1.475	1.505	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	12,549.478	-	-	55.600	-	55.600	56.640	57.800	59.000	60.200	Continuing	Continuing

Description:

This line is a roll-up of sedans, ambulances and 12 to 90 passenger-size buses. Passenger Carrying Vehicles are of commercial design intended to provide transportation for Army personnel and family members. This program procures vehicles for Outside Continental United States (OCONUS) activities, such as Japan, Korea, Kwajalein and Honduras, where General Services Administration (GSA) fleet leased vehicles are not available. Passenger Carrying Vehicles are procurable from commercial vendors, Original Equipment Manufacturers (OEM) and after-market sources. This is a vehicle replacement program that does not have a set Army Acquisition Objective (AAO). Procurements are made to replace Passenger Carrying Vehicles when they reach an over-aged or unserviceable condition.

Sedans are of commercial design and procurable from commercial vendors, original equipment manufacturers (OEM) and after-market sources. Sedans are used for basic transportation for Army personnel and family members but are also used for investigation, field intelligence, and security missions. Ambulances provide emergency response capability and allow life-saving support for patients during transport to hospitals. Ambulances are procurable from commercial vendors and after-market sources. Buses are of commercial design and provide short haul and intermediate transportation for Army personnel and family members, including both adult and school-age passengers.

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023
Army	Quantity	-	0	25	-	25	25	25	25	25
	Total Obligation Authority	-	1.320	1.390	-	1.390	1.416	1.445	1.475	1.505
Total: Secondary Distribution	Quantity	-	-	25	-	25	25	25	25	25
	Total Obligation Authority	-	1.320	1.390	-	1.390	1.416	1.445	1.475	1.505

Justification:

FY 2019 Base procurement dollars in the amount of \$1.390 million supports installations and units with transportation and ambulance services for Army personnel and family members. A total of 25 Passenger Carrying Vehicles are needed to replace over-aged vehicles at Outside Continental United States (OCONUS) locations, such as Japan, Korea, Kwajalein, and Honduras. The General Services Administration (GSA) does not lease vehicles to many OCONUS locations. The 25 vehicles include 19 sedans, 2 ambulances, and 4 buses. Sedans are utilized by both installations and covert activities that are OCONUS. Ambulances are essential and life saving vehicles, and buses ensure safe and reliable transportation services for Army installations.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 20: Non-Tactical Vehicles		P-1 Line Item Number / Title: 0358D23000 / Passenger Carrying Vehicles
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 20: Non-Tactical Vehicles	P-1 Line Item Number / Title: 2450D30000 / NonTactical Vehicles, Other
--	--

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
---	--	-------------------------------------

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	88	15	-	138	-	138	173	162	230	230	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	949.396	1.755	6.964	15.415	-	15.415	19.891	18.889	26.072	26.589	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	949.396	1.755	6.964	15.415	-	15.415	19.891	18.889	26.072	26.589	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	949.396	1.755	6.964	15.415	-	15.415	19.891	18.889	26.072	26.589	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	10,788.591	117.000	-	111.703	-	111.703	114.977	116.599	113.357	115.604	Continuing	Continuing

Description:

This line is a roll-up of Special Purpose Vehicles and General Purpose Vehicles. 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. All vehicles are procurable from commercial sources. Non-Tactical Vehicles is a vehicle replacement program that does not have a set Army Acquisition Objective (AAO). Procurements are made to fill shortages or to replace vehicles that have reached an over-aged or unserviceable condition.

General Purpose 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, troop carrier semi-trailers, utility trucks, fuel servicing tankers, truck tractors, and flatbed trucks. Additional examples include blood mobiles, which are used for collecting blood; expandable semi-trailers used for recruiting missions; and commercial light armored vehicles (CLAV), which are used to provide inconspicuous force protection for missions and to provide protection for high level personnel who might be seen as targets. These type of vehicles are procured from specialized vendors. Technical support is part of this program for the development of specifications and conducting inspections on specialized or sensitive vehicle types, such as CLAVs.

Special Purpose Vehicles are commercially designed for specialized use in the direct support of facility engineering, maintenance and similar activities within an organization. Examples include maintenance trucks, servicing platform trucks, refuse trucks, dump trucks, and other vehicles with mounted equipment.

Secondary Distribution	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	
Army	Quantity	15	0	136	-	136	171	159	226	226
	Total Obligation Authority	1.755	6.964	15.143	-	15.143	19.615	18.472	25.508	26.017
ANG	Quantity	-	-	2	-	2	2	3	4	4
	Total Obligation Authority	-	-	0.272	-	0.272	0.276	0.417	0.564	0.572
Total:	Quantity	15	-	138	-	138	173	162	230	230
Secondary Distribution	Total Obligation Authority	1.755	6.964	15.415	-	15.415	19.891	18.889	26.072	26.589

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 01: Tactical and Support Vehicles / BSA 20: Non-Tactical Vehicles **P-1 Line Item Number / Title:**
 2450D30000 / NonTactical Vehicles, Other

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	DV0013 / GENERAL PURPOSE VEHICLES	P-5a	A		62 / 618.622	4 / 0.607	- / 3.698	91 / 9.144	- / -	91 / 9.144
P-5	DV0014 / SPECIAL PURPOSE VEHICLES	P-5a	A		26 / 330.774	11 / 1.148	- / 3.266	47 / 6.271	- / -	47 / 6.271
P-40	Total Gross/Weapon System Cost				88 / 949.396	15 / 1.755	- / 6.964	138 / 15.415	- / -	138 / 15.415

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2019 Base procurement dollars in the amount of \$15.145 million supports installations and units with Non-Tactical Vehicles providing cargo and passenger transportation, in addition to facility engineering and maintenance capability. 138 Non-Tactical Vehicles are required to fill shortages and replace over-aged vehicles that are unsafe, over mileage, or uneconomical to repair. The 138 vehicles include 91 general purpose vehicles and 47 special purpose vehicles. Among the General Purpose Vehicle types required are carryalls, stake trucks, cargo trucks, tractor trucks, light armored vehicles, fuel servicing tank trucks, and semitrailer personnel carriers. Many of 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). Other vehicle types, such as semitrailer personnel carriers, are not leasable from GSA and are needed to support the Army's training mission within the Continental United States. Most Special Purpose Vehicles are not available from GSA to lease; therefore, support to the servicing, sanitation, and welfare missions of the field must be provided by procurement. Service platform trucks, dump trucks, refuse collection trucks, and other special purpose vehicles are required to continue the engineering support mission necessary to the operation of posts, camps, and stations worldwide. A final assessment will be made by the program office during the year of execution on the specific types of General Purpose and Special Purpose Vehicles to be procured. It will be based on current operational requirements and priorities reported by the Army Commands.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 20		P-1 Line Item Number / Title: 2450D30000 / NonTactical Vehicles, Other
		Item Number / Title [DODIC]: DV0013 / GENERAL PURPOSE VEHICLES

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	62	4	-	91	-	91
Gross/Weapon System Cost (\$ in Millions)	618.622	0.607	3.698	9.144	-	9.144
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	618.622	0.607	3.698	9.144	-	9.144
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	618.622	0.607	3.698	9.144	-	9.144

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	9,977.774	151.750	-	100.484	-	100.484

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Cargo Truck ^(†)	-	-	-	-	-	-	32.000	7	0.224	33.111	9	0.298	-	-	-	33.111	9	0.298
Carryall Truck ^(†)	-	-	-	28.000	2	0.056	42.000	10	0.420	44.480	25	1.112	-	-	-	44.480	25	1.112
Tractor Truck ^(†)	-	-	-	-	-	-	135.000	6	0.810	136.000	12	1.632	-	-	-	136.000	12	1.632
Stake Truck ^(†)	-	-	-	-	-	-	57.000	3	0.171	59.000	7	0.413	-	-	-	59.000	7	0.413
Light Armored Vehicle ^(†)	-	-	-	-	-	-	152.500	2	0.305	154.000	4	0.616	-	-	-	154.000	4	0.616
Panel Truck ^(†)	-	-	-	-	-	-	21.000	3	0.063	23.000	5	0.115	-	-	-	23.000	5	0.115
Fuel Servicing Truck ^(†)	-	-	-	-	-	-	162.000	4	0.648	164.000	9	1.476	-	-	-	164.000	9	1.476
Multi Stop Delivery Truck ^(†)	-	-	-	-	-	-	51.250	4	0.205	52.000	5	0.260	-	-	-	52.000	5	0.260
Truck Van Cargo ^(†)	-	-	-	-	-	-	54.000	2	0.108	57.000	4	0.228	-	-	-	57.000	4	0.228
Semitrailer Personnel Carrier ^(†)	-	-	-	372.000	1	0.372	372.000	2	0.744	374.000	6	2.244	-	-	-	374.000	6	2.244
Flatbed Truck ^(†)	-	-	-	-	-	-	-	-	-	160.000	3	0.480	-	-	-	160.000	3	0.480
Wrecker Truck ^(†)	-	-	-	-	-	-	-	-	-	135.000	2	0.270	-	-	-	135.000	2	0.270
General Purpose Vehicles	9,977.774	62	618.622	179.000	1	0.179	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	618.622	-	-	0.607	-	-	3.698	-	-	9.144	-	-	-	-	-	9.144

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 20	P-1 Line Item Number / Title: 2450D30000 / NonTactical Vehicles, Other	Item Number / Title [DODIC]: DV0013 / GENERAL PURPOSE VEHICLES
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Flyaway Cost</i>	-	-	618.622	-	-	0.607	-	-	3.698	-	-	9.144	-	-	-	-	-	9.144
Gross/Weapon System Cost	9,977.774	62	618.622	151.750	4	0.607	-	-	3.698	100.484	91	9.144	-	-	-	100.484	91	9.144

Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity	4	0	89	-	89
	Total Obligation Authority	0.607	3.698	8.872	-	8.872
ANG	Quantity	-	-	2	-	2
	Total Obligation Authority	-	-	0.272	-	0.272
Total: Secondary Distribution	Quantity	4	-	91	-	91
	Total Obligation Authority	0.607	3.698	9.144	-	9.144

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army **Date:** February 2018

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 20	P-1 Line Item Number / Title: 2450D30000 / NonTactical Vehicles, Other	Item Number / Title [DODIC]: DV0013 / GENERAL PURPOSE VEHICLES
--	--	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Cargo Truck		2018	TBS / TBS	C / FP	GSA, Washington, DC	Apr 2018	Aug 2018	7	32.000	N		
Cargo Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Apr 2019	Aug 2019	9	33.110	N		
Carryall Truck		2017	Ford Motor / Dearborn, MI	C / FP	GSA, Washington, DC	Jun 2017	Jan 2018	2	28.000	Y		
Carryall Truck		2018	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2018	Oct 2018	10	42.000	N		
Carryall Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Oct 2019	25	44.480	N		
Tractor Truck		2018	TBS / TBS	C / FP	GSA, Washington, DC	May 2018	Nov 2018	6	135.000	N		
Tractor Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	May 2019	Nov 2019	12	136.000	N		
Stake Truck		2018	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2018	Oct 2018	3	57.000	N		
Stake Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Oct 2019	7	59.000	N		
Light Armored Vehicle		2018	TBS / TBS	C / FP	Army Contracting, Warren, MI	Jun 2018	Nov 2018	2	152.500	N		
Light Armored Vehicle		2019	TBS / TBS	C / FP	Army Contracting, Warren, MI	Jun 2019	Nov 2019	4	154.000	N		
Panel Truck		2018	TBS / TBS	C / FP	GSA, Washington, DC	Apr 2018	Aug 2018	3	21.000	N		
Panel Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Apr 2019	Aug 2019	5	23.000	N		
Fuel Servicing Truck		2018	TBS / TBS	C / FP	GSA, Washington, DC	May 2018	Dec 2018	4	162.000	N		
Fuel Servicing Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	May 2019	Dec 2019	9	164.000	N		
Multi Stop Delivery Truck		2018	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2018	Oct 2018	4	51.250	N		
Multi Stop Delivery Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Oct 2019	5	52.000	N		
Truck Van Cargo		2018	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2018	Dec 2018	2	54.000	N		
Truck Van Cargo		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Dec 2019	4	57.000	N		
Semitrailer Personnel Carrier		2017	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2018	Jan 2019	1	372.000	N		
Semitrailer Personnel Carrier		2018	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2018	Jan 2019	2	372.000	N		
Semitrailer Personnel Carrier		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Jan 2020	6	374.000	N		
Flatbed Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	May 2019	Sep 2019	3	160.000	N		
Wrecker Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Nov 2019	2	135.000	N		

Remarks:
There are multiple contracts, contractors, and PCOs for General Purpose Vehicles. The primary PCO is General Services Administration in Washington, DC. However, other PCO sources are also utilized to procure vehicles, such as Army Contracting (Warren, MI), Defense Logistics Agency (Philadelphia, PA), and regional Army or Department of Defense Contracting agencies. The Theater Contracting Command in Europe is utilized to purchase vehicles for requirements in Europe.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 20		P-1 Line Item Number / Title: 2450D30000 / NonTactical Vehicles, Other
		Item Number / Title [DODIC]: DV0014 / SPECIAL PURPOSE VEHICLES

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	26	11	-	47	-	47
Gross/Weapon System Cost (\$ in Millions)	330.774	1.148	3.266	6.271	-	6.271
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	330.774	1.148	3.266	6.271	-	6.271
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	330.774	1.148	3.266	6.271	-	6.271

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	12,722.077	104.364	-	133.426	-	133.426

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Dump Truck ^(†)	-	-	-	-	-	-	134.600	5	0.673	135.875	8	1.087	-	-	-	135.875	8	1.087
Servicing Platform Truck ^(†)	-	-	-	135.000	1	0.135	144.000	5	0.720	145.000	9	1.305	-	-	-	145.000	9	1.305
Line Construction Maint. Truck ^(†)	-	-	-	-	-	-	204.000	2	0.408	206.000	3	0.618	-	-	-	206.000	3	0.618
Refuse Collection Truck ^(†)	-	-	-	259.000	1	0.259	227.000	1	0.227	228.000	6	1.368	-	-	-	228.000	6	1.368
Sludge Disposal Truck ^(†)	-	-	-	-	-	-	-	-	-	167.250	4	0.669	-	-	-	167.250	4	0.669
Special Purpose Vehicles ^(†)	12,722.077	26	330.774	83.778	9	0.754	68.778	18	1.238	72.000	17	1.224	-	-	-	72.000	17	1.224
<i>Subtotal: Recurring Cost</i>	-	-	330.774	-	-	1.148	-	-	3.266	-	-	6.271	-	-	-	-	-	6.271
<i>Subtotal: Flyaway Cost</i>	-	-	330.774	-	-	1.148	-	-	3.266	-	-	6.271	-	-	-	-	-	6.271
Gross/Weapon System Cost	12,722.077	26	330.774	104.364	11	1.148	-	-	3.266	133.426	47	6.271	-	-	-	133.426	47	6.271

Secondary Distribution	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Army	Quantity 11	0	47	-	47
	Total Obligation Authority 1.148	3.266	6.271	-	6.271

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2019 Army		Date: February 2018
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 20	P-1 Line Item Number / Title: 2450D30000 / NonTactical Vehicles, Other	Item Number / Title [DODIC]: DV0014 / SPECIAL PURPOSE VEHICLES

ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:				
Secondary Distribution		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Total:	Quantity	11	-	47	-	47
Secondary Distribution	Total Obligation Authority	1.148	3.266	6.271	-	6.271

(t) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2019 Army							Date: February 2018				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 20			P-1 Line Item Number / Title: 2450D30000 / NonTactical Vehicles, Other				Item Number / Title [DODIC]: DV0014 / SPECIAL PURPOSE VEHICLES				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Dump Truck		2018	TBS / TBS	C / FP	GSA, Washington DC	Jun 2018	Dec 2018	5	134.600	N		
Dump Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	Apr 2019	Oct 2019	8	135.880	N		
Servicing Platform Truck		2017	Altec Industries / Birmingham, AL	C / FP	GSA, Washington DC	Sep 2017	Aug 2018	1	135.000	Y		
Servicing Platform Truck		2018	TBS / TBS	C / FP	GSA, Washington DC	Apr 2018	Nov 2018	5	144.000	N		
Servicing Platform Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	Jun 2019	Jan 2020	9	145.000	N		
Line Construction Maint. Truck		2018	TBS / TBS	C / FP	GSA, Washington DC	May 2018	Dec 2018	2	204.000	N		
Line Construction Maint. Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	May 2019	Dec 2019	3	206.000	N		
Refuse Collection Truck		2017	Maryland Industrial Trucks / Linthicum Heights, MD	C / FP	GSA, Washington DC	May 2017	Mar 2018	1	259.000	Y		
Refuse Collection Truck		2018	TBS / TBS	C / FP	GSA, Washington DC	Jun 2018	Dec 2018	1	227.000	N		
Refuse Collection Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	Jun 2019	Dec 2019	6	228.000	N		
Sludge Disposal Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	Jun 2019	Jan 2020	4	167.250	N		
Special Purpose Vehicles		2017	TBS / TBS	C / FP	GSA, Washington DC	Apr 2018	Oct 2018	9	83.780	N		
Special Purpose Vehicles		2018	TBS / TBS	C / FP	GSA, Washington DC	Jun 2018	Dec 2018	18	68.780	N		
Special Purpose Vehicles		2019	TBS / TBS	C / FP	GSA, Washington DC	Jun 2019	Dec 2019	17	72.000	N		

Remarks:
 There are multiple contracts, contractors, and PCOs for Special Purpose Vehicles. The primary PCO is General Services Administration in Washington, DC. Delivery orders are placed against these GSA contracts by Army contract agencies. Occasionally other PCO sources are utilized to procure vehicles that are not available on GSA contract, such as TACOM (Warren, MI), Defense Logistics Agency (Philadelphia, PA), and regional Army or Department of Defense Contracting agencies. The Theater Contracting Command in Europe is utilized to purchase vehicles for requirements in Europe.