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**Department of Defense
Fiscal Year (FY) 2020 Budget Estimates**

March 2019



Army

Justification Book of

Other Procurement, Army

Tactical and Support Vehicles, Budget Activity 1

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Army • Budget Estimates FY 2020 • Procurement

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Cost Statement

The following Justification Books were prepared at a cost of \$366,803.08: 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.

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, \$8,582,751,000 to remain available for obligation until September 30, 2022.

FY 2020 Overseas Contingency Operations funding can be separated into the following categories:

- OCO for Direct War Costs (\$519.034 million): Direct War costs are those combat or direct combat support costs that will not continue to be expended once combat operations end as major contingency locations.
- OCO for Enduring Requirements (\$612.416 million): OCO for Enduring Requirements are enduring in-theater and in-CONUS costs that will likely remain after combat operations cease, and have previously been funded in OCO.
- OCO for Base Requirements (\$8.200 million): OCO for Base Requirements is OCO funding for base budget requirements in support of the National Defense Strategy. The Budget requests these funds in OCO to comply with the base budget defense caps included in the Budget Control Act of 2011.

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Department of the Army
 FY 2020 President's Budget
 Exhibit P-1 FY 2020 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

12 Feb 2019

<u>Appropriation</u>	<u>FY 2018 (Base + OCO)</u>	<u>FY 2019 Base Enacted</u>	<u>FY 2019 OCO Enacted</u>	<u>FY 2019 Total Enacted</u>
Other Procurement, Army	8,877,968	7,844,199	1,364,045	9,208,244
Total Department of the Army	8,877,968	7,844,199	1,364,045	9,208,244

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<u>Appropriation</u>	<u>FY 2020 Base</u>	<u>FY 2020 OCO for Base Requirements</u>	<u>FY 2020 OCO for Direct War and Enduring Costs</u>	<u>FY 2020 Total OCO</u>
Other Procurement, Army	7,443,101	8,200	1,131,450	1,139,650
Total Department of the Army	7,443,101	8,200	1,131,450	1,139,650

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12 Feb 2019

<u>Appropriation</u>	<u>FY 2020 Total (Base + OCO)</u>
Other Procurement, Army	8,582,751
Total Department of the Army	8,582,751

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Department of the Army
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 Total Obligational Authority
 (Dollars in Thousands)

12 Feb 2019

Appropriation: Other Procurement, Army

Budget Activity	FY 2018 (Base + OCO)	FY 2019 Base Enacted	FY 2019 OCO Enacted	FY 2019 Total Enacted
01. Tactical and Support Vehicles	2,004,615	2,040,990	382,229	2,423,219
02. Communications and Electronics Equipment	5,214,185	4,000,173	737,644	4,737,817
03. Other Support Equipment	1,646,834	1,793,219	244,172	2,037,391
04. Spare and Repair Parts	12,334	9,817		9,817
Total Other Procurement, Army	8,877,968	7,844,199	1,364,045	9,208,244

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Appropriation: Other Procurement, Army

Budget Activity	FY 2020 Base	FY 2020 OCO for Base Requirements	FY 2020 OCO for Direct War and Enduring Costs	FY 2020 Total OCO
01. Tactical and Support Vehicles	1,575,619		184,592	184,592
02. Communications and Electronics Equipment	4,043,043	8,200	480,861	489,061
03. Other Support Equipment	1,814,682		465,997	465,997
04. Spare and Repair Parts	9,757			
Total Other Procurement, Army	7,443,101	8,200	1,131,450	1,139,650

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Appropriation: Other Procurement, Army

<u>Budget Activity</u>	<u>FY 2020 Total (Base + OCO)</u>
01. Tactical and Support Vehicles	1,760,211
02. Communications and Electronics Equipment	4,532,104
03. Other Support Equipment	2,280,679
04. Spare and Repair Parts	9,757
Total Other Procurement, Army	8,582,751

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Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2018 (Base + OCO)		FY 2019 Base Enacted		FY 2019 OCO Enacted		FY 2019 Total Enacted		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		7,716		8,850				8,850	U
2	Semitrailers, Flatbed:	A		43,381		16,951		8,000		24,951	U
3	Ambulance, 4 LITTER, 5/4 TON, 4x4			78,000		170,123		20,770		190,893	U
4	Ground Mobility Vehicles (GMV)	A		40,935		42,695				42,695	U
5	ARNG HMMWV Modernization Program	A		220,000		100,000				100,000	U
6	Joint Light Tactical Vehicle	A	2176	834,440	3393	1,279,437			3393	1,279,437	U
7	Truck, Dump, 20t (CCE)			1,083		5,061				5,061	U
8	Family of Medium Tactical Veh (FMTV)			232,750		123,464				123,464	U
9	Firetrucks & Associated Firefighting Equip			19,404		14,842				14,842	U
10	Family of Heavy Tactical Vehicles (FHTV)			110,195		121,497		39,400		160,897	U
11	Pls Esp	A		59,729							U
12	Hvy Expanded Mobile Tactical Truck Ext Serv			150,878		27,082		82,682		109,764	U
13	HMMWV Recapitalization Program										U
14	Tactical Wheeled Vehicle Protection Kits	A		34,694		38,128		50,000		88,128	U
15	Modification of In Svc Equip			146,587		75,265		181,377		256,642	U
16	Mine-Resistant Ambush-Protected (MRAP) Mods	A		17,508							U

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Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2020 Base		FY 2020 OCO for Base Requirements		FY 2020 OCO for Direct War and Enduring Costs		FY 2020 Total 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		12,993							U
2	Semitrailers, Flatbed:	A		102,386							U
3	Ambulance, 4 LITTER, 5/4 TON, 4x4			127,271							U
4	Ground Mobility Vehicles (GMV)	A		37,038							U
5	ARNG HMMWV Modernization Program	A									U
6	Joint Light Tactical Vehicle	A	2530	996,007							U
7	Truck, Dump, 20t (CCE)			10,838							U
8	Family of Medium Tactical Veh (FMTV)			72,057							U
9	Firetrucks & Associated Firefighting Equip			28,048							U
10	Family of Heavy Tactical Vehicles (FHTV)			9,969			26,917		26,917		U
11	Pls Esp	A		6,280			16,941		16,941		U
12	Hvy Expanded Mobile Tactical Truck Ext Serv			30,841			62,734		62,734		U
13	HMMWV Recapitalization Program			5,734							U
14	Tactical Wheeled Vehicle Protection Kits	A		45,113			50,000		50,000		U
15	Modification of In Svc Equip			58,946			28,000		28,000		U
16	Mine-Resistant Ambush-Protected (MRAP) Mods	A									U

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Line No	Item Nomenclature	Ident Code	FY 2020 Total (Base + OCO)		S e c
			Quantity	Cost	
<u>Budget Activity 01: Tactical and Support Vehicles</u>					
Tactical Vehicles					
1	Tactical Trailers/Dolly Sets	A		12,993	U
2	Semitrailers, Flatbed:	A		102,386	U
3	Ambulance, 4 LITTER, 5/4 TON, 4x4			127,271	U
4	Ground Mobility Vehicles (GMV)	A		37,038	U
5	ARNG HMMWV Modernization Program	A			U
6	Joint Light Tactical Vehicle	A	2530	996,007	U
7	Truck, Dump, 20t (CCE)			10,838	U
8	Family of Medium Tactical Veh (FMTV)			72,057	U
9	Firetrucks & Associated Firefighting Equip			28,048	U
10	Family of Heavy Tactical Vehicles (FHTV)			36,886	U
11	Pls Esp	A		23,221	U
12	Hvy Expanded Mobile Tactical Truck Ext Serv			93,575	U
13	HMMWV Recapitalization Program			5,734	U
14	Tactical Wheeled Vehicle Protection Kits	A		95,113	U
15	Modification of In Svc Equip			86,946	U
16	Mine-Resistant Ambush-Protected (MRAP) Mods	A			U

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Line No	Item Nomenclature	Ident Code	FY 2018 (Base + OCO)		FY 2019 Base Enacted		FY 2019 OCO Enacted		FY 2019 Total Enacted		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Non-Tactical Vehicles											
17	Heavy Armored Vehicle			269		790				790	U
18	Passenger Carrying Vehicles			1,320		1,390				1,390	U
19	Nontactical Vehicles, Other	A		5,726		15,415				15,415	U
Total Tactical and Support Vehicles				2,004,615		2,040,990		382,229		2,423,219	
Budget Activity 02: Communications and Electronics Equipment											
Comm - Joint Communications											
20	Win-T - Ground Forces Tactical Network	A		102,400							U
21	Signal Modernization Program	A		280,944		82,180				82,180	U
22	Tactical Network Technology Mod In Svc	A		414,597		568,367				568,367	U
23	SITUATION INFORMATION TRANSPORT	A				62,727				62,727	U
24	Joint Incident Site Communications Capability	A		6,065		13,895				13,895	U
25	JCSE Equipment (USRDECOM)			5,051		4,866				4,866	U
Comm - Satellite Communications											
26	Spectrum METSAT	A		1,176							U
27	Spectrum Portal	A		48							U
28	Defense Enterprise Wideband Satcom Systems			155,551		97,633				97,633	U
29	Transportable Tactical Command Communications	A		186,272		69,960		7,100		77,060	U
30	SHF Term			13,622		13,100				13,100	U

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Line No	Item Nomenclature	Ident Code	FY 2020 Base		FY 2020 OCO for Base Requirements		FY 2020 OCO for Direct War and Enduring Costs		FY 2020 Total OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Non-Tactical Vehicles											
17	Heavy Armored Vehicle			791							U
18	Passenger Carrying Vehicles			1,416							U
19	Nontactical Vehicles, Other	A		29,891							U
Total Tactical and Support Vehicles				1,575,619			184,592		184,592		
Budget Activity 02: Communications and Electronics Equipment											
Comm - Joint Communications											
20	Win-T - Ground Forces Tactical Network	A									U
21	Signal Modernization Program	A		153,933							U
22	Tactical Network Technology Mod In Svc	A		387,439			40,000		40,000		U
23	SITUATION INFORMATION TRANSPORT	A		46,693							U
24	Joint Incident Site Communications Capability	A									U
25	JCSE Equipment (USRDECOM)			5,075							U
Comm - Satellite Communications											
26	Spectrum METSAT	A									U
27	Spectrum Portal	A									U
28	Defense Enterprise Wideband Satcom Systems			101,189							U
29	Transportable Tactical Command Communications	A		77,141			6,930		6,930		U
30	SHF Term			16,054							U

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Line No	Item Nomenclature	Ident Code	FY 2020 Total (Base + OCO)		S e c
			Quantity	Cost	
Non-Tactical Vehicles					
17	Heavy Armored Vehicle			791	U
18	Passenger Carrying Vehicles			1,416	U
19	Nontactical Vehicles, Other	A		29,891	U
Total Tactical and Support Vehicles				1,760,211	

Budget Activity 02: Communications and Electronics Equipment

Comm - Joint Communications

20	Win-T - Ground Forces Tactical Network	A			U
21	Signal Modernization Program	A		153,933	U
22	Tactical Network Technology Mod In Svc	A		427,439	U
23	SITUATION INFORMATION TRANSPORT	A		46,693	U
24	Joint Incident Site Communications Capability	A			U
25	JCSE Equipment (USRDECOM)			5,075	U

Comm - Satellite Communications

26	Spectrum METSAT	A			U
27	Spectrum Portal	A			U
28	Defense Enterprise Wideband Satcom Systems			101,189	U
29	Transportable Tactical Command Communications	A		84,071	U
30	SHF Term			16,054	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
31	Assured Positioning, Navigation and Timing	A									U
32	Smart-T (SPACE)			6,799		19,160			19,160		U
33	Global Brdcst Svc - GBS			5,665		19,472			19,472		U
34	Enroute Mission Command (EMC)	A		21,067		37,401			37,401		U
35	Spectrum Microwave			5,147							U
Comm - Combat Support Comm											
36	Mod-In-Service Profiler	A		70							U
Comm - C3 System											
37	Army Global Cmd & Control Sys (AGCCS)	A		2,658							U
38	COE Tactical Server Infrastructure (TSI)	A				20,500			20,500		U
Comm - Combat Communications											
39	Handheld Manpack Small Form Fit (HMS)	A		415,351		298,475			298,475		U
40	Radio Terminal Set, Mids Lvt(2)	A		11,160		4,641			4,641		U
41	Tractor Desk			2,041		2,187			2,187		U
42	Tractor Ride			42,144		9,411		13,190	22,601		U
43	Spider Apla Remote Control Unit	A		996							U
44	Spider Family of Networked Munitions Incr	A		4,500		13,345			13,345		U
45	Tactical Communications and Protective System	A		4,411		819		9,549	10,368		U
46	Unified Command Suite	A		15,275		16,270			16,270		U
47	COTS Communications Equipment	A				63,835		22,000	85,835		U

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Line No	Item Nomenclature	Ident Code	FY 2020 Base		FY 2020 OCO for Base Requirements		FY 2020 OCO for Direct War and Enduring Costs		FY 2020 Total OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
31	Assured Positioning, Navigation and Timing	A		41,074				11,778		11,778	U
32	Smart-T (SPACE)			10,515				825		825	U
33	Global Brdcst Svc - GBS			11,800							U
34	Enroute Mission Command (EMC)	A		8,609							U
35	Spectrum Microwave										U
	Comm - Combat Support Comm										
36	Mod-In-Service Profiler	A									U
	Comm - C3 System										
37	Army Global Cmd & Control Sys (AGCCS)	A									U
38	COE Tactical Server Infrastructure (TSI)	A		77,533							U
	Comm - Combat Communications										
39	Handheld Manpack Small Form Fit (HMS)	A		468,026							U
40	Radio Terminal Set, Mids Lvt(2)	A		23,778				350		350	U
41	Tractor Desk										U
42	Tractor Ride										U
43	Spider Apla Remote Control Unit	A									U
44	Spider Family of Networked Munitions Incr	A		10,930							U
45	Tactical Communications and Protective System	A									U
46	Unified Command Suite	A		9,291							U
47	COTS Communications Equipment	A		55,630				20,400		20,400	U

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Line No	Item Nomenclature	Ident Code	FY 2020 Total		S e c
			(Base + OCO) Quantity	Cost	
31	Assured Positioning, Navigation and Timing	A		52,852	U
32	Smart-T (SPACE)			11,340	U
33	Global Brdcst Svc - GBS			11,800	U
34	Enroute Mission Command (EMC)	A		8,609	U
35	Spectrum Microwave				U
	Comm - Combat Support Comm				
36	Mod-In-Service Profiler	A			U
	Comm - C3 System				
37	Army Global Cmd & Control Sys (AGCCS)	A			U
38	COE Tactical Server Infrastructure (TSI)	A		77,533	U
	Comm - Combat Communications				
39	Handheld Manpack Small Form Fit (HMS)	A		468,026	U
40	Radio Terminal Set, Mids Lvt(2)	A		24,128	U
41	Tractor Desk				U
42	Tractor Ride				U
43	Spider Apla Remote Control Unit	A			U
44	Spider Family of Networked Munitions Incr	A		10,930	U
45	Tactical Communications and Protective System	A			U
46	Unified Command Suite	A		9,291	U
47	COTS Communications Equipment	A		76,030	U

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Line No	Item Nomenclature	Ident Code	FY 2018 (Base + OCO)		FY 2019 Base Enacted		FY 2019 OCO Enacted		FY 2019 Total Enacted		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
48	Family of Med Comm for Combat Casualty Care	A		15,964		22,226				22,226	U
49	Army Communications & Electronics Comm - Intelligence Comm	A									U
51	CI Automation Architecture (MIP)	A		17,873		9,740		9,800		19,540	U
52	Defense Military Deception Initiative Information Security	A		4,830		2,667				2,667	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		104,484		65,580				65,580	U
56	Defensive CYBER Operations	A		53,436		51,343				51,343	U
57	Insider Threat Program - Unit Activity Monito	A		690		330				330	U
58	Persistent Cyber Training Environment Comm - Long Haul Communications	A		4,000		3,000				3,000	U
59	Base Support Communications Comm - Base Communications			45,751		49,557		690		50,247	U
60	Information Systems			85,570		71,314		8,750		80,064	U
61	Emergency Management Modernization Program	A		4,490		4,736				4,736	U
62	Home Station Mission Command Centers (HSMCC)	A		20,050		24,479				24,479	U
63	Installation Info Infrastructure Mod Program	A		187,451		186,433		60,337		246,770	U

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Line No	Item Nomenclature	Ident Code	FY 2020 Base		FY 2020 OCO for Base Requirements		FY 2020 OCO for Direct War and Enduring Costs		FY 2020 Total OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
48	Family of Med Comm for Combat Casualty Care	A		16,590				1,231		1,231	U
49	Army Communications & Electronics	A		43,457							U
	Comm - Intelligence Comm										
51	CI Automation Architecture (MIP)	A		10,470				6,200		6,200	U
52	Defense Military Deception Initiative	A		3,704							U
	Information Security										
53	Family of Biometrics	A		1,000							U
54	Information System Security Program-ISSP	A		3,600							U
55	Communications Security (COMSEC)	A		160,899							U
56	Defensive CYBER Operations	A		61,962							U
57	Insider Threat Program - Unit Activity Monito	A		756							U
58	Persistent Cyber Training Environment	A		3,000							U
	Comm - Long Haul Communications										
59	Base Support Communications			31,770				20,482		20,482	U
	Comm - Base Communications										
60	Information Systems			159,009				55,800		55,800	U
61	Emergency Management Modernization Program	A		4,854							U
62	Home Station Mission Command Centers (HSMCC)	A		47,174							U
63	Installation Info Infrastructure Mod Program	A		297,994				75,820		75,820	U

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Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2020 Total (Base + OCO)		S e c
			Quantity	Cost	
48	Family of Med Comm for Combat Casualty Care	A		17,821	U
49	Army Communications & Electronics Comm - Intelligence Comm	A		43,457	U
51	CI Automation Architecture (MIP)	A		16,670	U
52	Defense Military Deception Initiative Information Security	A		3,704	U
53	Family of Biometrics	A		1,000	U
54	Information System Security Program-ISSP	A		3,600	U
55	Communications Security (COMSEC)	A		160,899	U
56	Defensive CYBER Operations	A		61,962	U
57	Insider Threat Program - Unit Activity Monito	A		756	U
58	Persistent Cyber Training Environment Comm - Long Haul Communications	A		3,000	U
59	Base Support Communications Comm - Base Communications			52,252	U
60	Information Systems			214,809	U
61	Emergency Management Modernization Program	A		4,854	U
62	Home Station Mission Command Centers (HSMCC)	A		47,174	U
63	Installation Info Infrastructure Mod Program	A		373,814	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Elect Equip - Tact Int Rel Act (TIARA)											
66	JTT/CIBS-M (MIP)	B		12,154		9,027				9,027	U
67	Drug Interdiction Program (Dip) (TIARA)			3,638							U
68	DCGS-A (MIP)			328,397		253,954		37,806		291,760	U
69	Joint Tactical Ground Station (JTAGS) (MIP)	A				5,434				5,434	U
70	Trojan (MIP)	B		40,062		20,623		6,926		27,549	U
71	Mod of In-Svc Equip (Intel Spt) (MIP)			53,334		45,998		2,011		48,009	U
72	CI HUMINT Auto Reprting & Coll (CHARCS) (MIP)			22,275		296				296	U
73	Close Access Target Reconnaissance (CATR)			6,440							U
74	Machine Foreign Language Translation System-M	A		567							U
75	Biometric Tactical Collection Devices (MIP)	A		5,180				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		17,080		6,107				6,107	U
78	EW Planning & Management Tools (EWPMT)	A		5,805		5,875				5,875	U
79	Air Vigilance (AV) (MIP)	A		5,348		8,497				8,497	U
80	Crew			25,600				42,651		42,651	U
81	Multi-Function Electronic Warfare (MFEW) Syst	A									U
82	Family of Persistent Surveillance Cap. (MIP)	A		19,935				20,050		20,050	U
83	Counterintelligence/Security Countermeasures			19,343				12,974		12,974	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
	Elect Equip - Tact Int Rel Act (TIARA)										
66	JTT/CIBS-M (MIP)	B		7,686							U
67	Drug Interdiction Program (Dip) (TIARA)										U
68	DCGS-A (MIP)			180,350				38,613		38,613	U
69	Joint Tactical Ground Station (JTAGS) (MIP)	A									U
70	Trojan (MIP)	B		17,368				1,337		1,337	U
71	Mod of In-Svc Equip (Intel Spt) (MIP)			59,052				2,051		2,051	U
72	CI HUMINT Auto Reprting & Coll (CHARCS) (MIP)										U
73	Close Access Target Reconnaissance (CATR)										U
74	Machine Foreign Language Translation System-M	A									U
75	Biometric Tactical Collection Devices (MIP)	A						1,800		1,800	U
76	Items Less Than \$5.0M (MIP)										U
	Elect Equip - Electronic Warfare (EW)										
77	Lightweight Counter Mortar Radar	A		5,400							U
78	EW Planning & Management Tools (EWPMT)	A		7,568							U
79	Air Vigilance (AV) (MIP)	A		8,953							U
80	Crew										U
81	Multi-Function Electronic Warfare (MFEW) Syst	A		6,420							U
82	Family of Persistent Surveillance Cap. (MIP)	A						71,493		71,493	U
83	Counterintelligence/Security Countermeasures			501				6,917		6,917	U

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			(Base + OCO) Quantity	Cost	
Elect Equip - Tact Int Rel Act (TIARA)					
66	JTT/CIBS-M (MIP)	B		7,686	U
67	Drug Interdiction Program (Dip) (TIARA)				U
68	DCGS-A (MIP)			218,963	U
69	Joint Tactical Ground Station (JTAGS) (MIP)	A			U
70	Trojan (MIP)	B		18,705	U
71	Mod of In-Svc Equip (Intel Spt) (MIP)			61,103	U
72	CI HUMINT Auto Reprting & Coll(CHARCS) (MIP)				U
73	Close Access Target Reconnaissance (CATR)				U
74	Machine Foreign Language Translation System-M	A			U
75	Biometric Tactical Collection Devices (MIP)	A		1,800	U
76	Items Less Than \$5.0M (MIP)				U
Elect Equip - Electronic Warfare (EW)					
77	Lightweight Counter Mortar Radar	A		5,400	U
78	EW Planning & Management Tools (EWPMT)	A		7,568	U
79	Air Vigilance (AV) (MIP)	A		8,953	U
80	Crew				U
81	Multi-Function Electronic Warfare (MFEW) Syst	A		6,420	U
82	Family of Persistent Surveillance Cap. (MIP)	A		71,493	U
83	Counterintelligence/Security Countermeasures			7,418	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
84	CI Modernization (MIP)	A		285		486				486	U
	Elect Equip - Tactical Surv. (Tac Surv)										
85	Sentinel Mods			100,491		77,752				77,752	U
86	Night Vision Devices	A		182,619		152,988		463		153,451	U
87	Long Range Advanced Scout Surveillance System							2,861		2,861	U
88	Small Tactical Optical Rifle Mounted MLRF			16,157		21,178		60		21,238	U
89	Radiation Monitoring Systems					17,393				17,393	U
90	Indirect Fire Protection Family of Systems	A		666,113		40,435		251,062		291,497	U
91	Family of Weapon Sights (FWS)	A		59,105		125,513		525		126,038	U
92	Artillery Accuracy Equip			2,129							U
93	Profiler					171				171	U
94	Joint Battle Command - Platform (JBC-P)	A		342,649		383,691		18,300		401,991	U
95	Joint Effects Targeting System (JETS)			38,664		66,574				66,574	U
96	Mod of In-Svc Equip (LLDR)	A		9,172		20,783		4,050		24,833	U
97	Computer Ballistics: LHMBC XM32	A		12,407		8,553		960		9,513	U
98	Mortar Fire Control System			46,490		21,489		7,660		29,149	U
99	Mortar Fire Control Systems Modifications										U
100	Counterfire Radars			400,530		160,126		164,024		324,150	U
	Elect Equip - Tactical C2 Systems										
101	Army Command Post Integrated Infrastructure (A				2,855				2,855	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
84	CI Modernization (MIP)	A		121							U
	Elect Equip - Tactical Surv. (Tac Surv)										
85	Sentinel Mods			115,210				20,000		20,000	U
86	Night Vision Devices	A		236,604				3,676		3,676	U
87	Long Range Advanced Scout Surveillance System										U
88	Small Tactical Optical Rifle Mounted MLRF			22,623							U
89	Radiation Monitoring Systems										U
90	Indirect Fire Protection Family of Systems	A		29,127							U
91	Family of Weapon Sights (FWS)	A		120,883							U
92	Artillery Accuracy Equip										U
93	Profiler										U
94	Joint Battle Command - Platform (JBC-P)	A		265,667				25,568		25,568	U
95	Joint Effects Targeting System (JETS)			69,720							U
96	Mod of In-Svc Equip (LLDR)	A		6,044							U
97	Computer Ballistics: LHMBC XM32	A		3,268				570		570	U
98	Mortar Fire Control System			13,199				15,975		15,975	U
99	Mortar Fire Control Systems Modifications			10,000							U
100	Counterfire Radars			16,416							U
	Elect Equip - Tactical C2 Systems										
101	Army Command Post Integrated Infrastructure (A									U

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			Quantity	Cost	
84	CI Modernization (MIP)	A		121	U
	Elect Equip - Tactical Surv. (Tac Surv)				
85	Sentinel Mods			135,210	U
86	Night Vision Devices	A		240,280	U
87	Long Range Advanced Scout Surveillance System				U
88	Small Tactical Optical Rifle Mounted MLRF			22,623	U
89	Radiation Monitoring Systems				U
90	Indirect Fire Protection Family of Systems	A		29,127	U
91	Family of Weapon Sights (FWS)	A		120,883	U
92	Artillery Accuracy Equip				U
93	Profiler				U
94	Joint Battle Command - Platform (JBC-P)	A		291,235	U
95	Joint Effects Targeting System (JETS)			69,720	U
96	Mod of In-Svc Equip (LLDR)	A		6,044	U
97	Computer Ballistics: LHMBBC XM32	A		3,838	U
98	Mortar Fire Control System			29,174	U
99	Mortar Fire Control Systems Modifications			10,000	U
100	Counterfire Radars			16,416	U
	Elect Equip - Tactical C2 Systems				
101	Army Command Post Integrated Infrastructure (A			U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
102	Fire Support C2 Family	A		8,700		19,153				19,153	U
103	AIR & MSL Defense Planning & Control Sys			132,713		29,913				29,913	U
104	IAMD Battle Command System	A									U
105	Life Cycle Software Support (LCSS)			1,992		5,136				5,136	U
106	Network Management Initialization and Service	A		15,179		15,087				15,087	U
107	Maneuver Control System (MCS)	A		72,672		29,144				29,144	U
108	Global Combat Support System-Army (GCSS-A)	A		37,201		15,164				15,164	U
109	Integrated Personnel and Pay System-Army (IPP)	A		16,140		16,800				16,800	U
110	Reconnaissance and Surveying Instrument Set	A		6,093		6,823				6,823	U
111	Mod of In-Svc Equipment (ENFIRE)	A		1,134		1,177				1,177	U
	Elect Equip - Automation										
112	Army Training Modernization			11,575		12,265				12,265	U
113	Automated Data Processing Equip			84,983		191,337	28,475			219,812	U
114	General Fund Enterprise Business Systems Fam	A		4,465		10,976				10,976	U
115	High Perf Computing Mod Pgm (HPCMP)	A		66,363		66,330				66,330	U
116	Contract Writing System	A		1,001		5,927				5,927	U
117	CSS Communications	A									U
118	Reserve Component Automation Sys (RCAS)			26,183		27,896				27,896	U
	Elect Equip - Audio Visual Sys (A/V)										
119	Tactical Digital Media	A		4,441		4,392				4,392	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
102	Fire Support C2 Family	A		13,197							U
103	AIR & MSL Defense Planning & Control Sys			24,730				14,331		14,331	U
104	IAMD Battle Command System	A		29,629							U
105	Life Cycle Software Support (LCSS)			6,774							U
106	Network Management Initialization and Service	A		24,448							U
107	Maneuver Control System (MCS)	A		260							U
108	Global Combat Support System-Army (GCSS-A)	A		17,962							U
109	Integrated Personnel and Pay System-Army (IPP)	A		18,674							U
110	Reconnaissance and Surveying Instrument Set	A		11,000							U
111	Mod of In-Svc Equipment (ENFIRE)	A		7,317							U
	Elect Equip - Automation										
112	Army Training Modernization			14,578				6,014		6,014	U
113	Automated Data Processing Equip			139,342				32,700		32,700	U
114	General Fund Enterprise Business Systems Fam	A		15,802							U
115	High Perf Computing Mod Pgm (HPCMP)	A		67,610							U
116	Contract Writing System	A		15,000							U
117	CSS Communications	A		24,700							U
118	Reserve Component Automation Sys (RCAS)			27,879							U
	Elect Equip - Audio Visual Sys (A/V)										
119	Tactical Digital Media	A									U

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Line No	Item Nomenclature	Ident Code	FY 2020 Total		S e c
			Quantity	Cost	
102	Fire Support C2 Family	A		13,197	U
103	AIR & MSL Defense Planning & Control Sys			39,061	U
104	IAMD Battle Command System	A		29,629	U
105	Life Cycle Software Support (LCSS)			6,774	U
106	Network Management Initialization and Service	A		24,448	U
107	Maneuver Control System (MCS)	A		260	U
108	Global Combat Support System-Army (GCSS-A)	A		17,962	U
109	Integrated Personnel and Pay System-Army (IPP)	A		18,674	U
110	Reconnaissance and Surveying Instrument Set	A		11,000	U
111	Mod of In-Svc Equipment (ENFIRE)	A		7,317	U
	Elect Equip - Automation				
112	Army Training Modernization			20,592	U
113	Automated Data Processing Equip			172,042	U
114	General Fund Enterprise Business Systems Fam	A		15,802	U
115	High Perf Computing Mod Pgm (HPCMP)	A		67,610	U
116	Contract Writing System	A		15,000	U
117	CSS Communications	A		24,700	U
118	Reserve Component Automation Sys (RCAS)			27,879	U
	Elect Equip - Audio Visual Sys (A/V)				
119	Tactical Digital Media	A			U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
120	Items Less Than \$5M (Surveying Equipment)			3,414		1,970				1,970	U
	Elect Equip - Support										
121	Production Base Support (C-E)			499		15,506				15,506	U
122	BCT Emerging Technologies	A		25,050		144,500				144,500	U
999	Classified Programs			4,819		4,501				4,501	U
	Total Communications and Electronics Equipment			5,214,185		4,000,173		737,644		4,737,817	
	Budget Activity 03: Other Support Equipment										
	Chemical Defensive Equipment										
123	Protective Systems	A		1,613		2,314		27		2,341	U
124	Family of Non-Lethal Equipment (FNLE)	A		16,696		14,478		19,494		33,972	U
125	Base Defense Systems (BDS)	A		25,926				39,200		39,200	U
126	CBRN Defense	A		66,188		186,954		2,317		189,271	U
127	Smoke & Obscurant Family: SOF (NON AAO ITEM)										U
	Bridging Equipment										
128	Tactical Bridging			16,610		81,219				81,219	U
129	Tactical Bridge, Float-Ribbon			21,761		55,145				55,145	U
130	Bridge Supplemental Set	A									U
131	Common Bridge Transporter (CBT) Recap	A		20,046		55,392				55,392	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
120	Items Less Than \$5M (Surveying Equipment)			5,000							U
	Elect Equip - Support										
121	Production Base Support (C-E)										U
122	BCT Emerging Technologies	A		22,302							U
999	Classified Programs			3,710		8,200				8,200	U
Total Communications and Electronics Equipment				4,043,043		8,200		480,861		489,061	
Budget Activity 03: Other Support Equipment											
Chemical Defensive Equipment											
123	Protective Systems	A									U
124	Family of Non-Lethal Equipment (FNLE)	A					25,480			25,480	U
125	Base Defense Systems (BDS)	A					47,110			47,110	U
126	CBRN Defense	A		25,828			18,711			18,711	U
127	Smoke & Obscurant Family: SOF (NON AAO ITEM)			5,050							U
Bridging Equipment											
128	Tactical Bridging			59,821			4,884			4,884	U
129	Tactical Bridge, Float-Ribbon			57,661							U
130	Bridge Supplemental Set	A		17,966							U
131	Common Bridge Transporter (CBT) Recap	A		43,155							U

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			Quantity	Cost	
120	Items Less Than \$5M (Surveying Equipment)			5,000	U
	Elect Equip - Support				
121	Production Base Support (C-E)				U
122	BCT Emerging Technologies	A		22,302	U
999	Classified Programs			11,910	U
	Total Communications and Electronics Equipment			4,532,104	
<u>Budget Activity 03: Other Support Equipment</u>					
Chemical Defensive Equipment					
123	Protective Systems	A			U
124	Family of Non-Lethal Equipment (FNLE)	A		25,480	U
125	Base Defense Systems (BDS)	A		47,110	U
126	CBRN Defense	A		44,539	U
127	Smoke & Obscurant Family: SOF (NON AAO ITEM)			5,050	U
Bridging Equipment					
128	Tactical Bridging			64,705	U
129	Tactical Bridge, Float-Ribbon			57,661	U
130	Bridge Supplemental Set	A		17,966	U
131	Common Bridge Transporter (CBT) Recap	A		43,155	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Engineer (Non-Construction) Equipment											
132	Handheld Standoff Minefield Detection Sys-Hst	B		6,000		8,471				8,471	U
133	Grnd Standoff Mine Detectn Systm (GSTAMIDS)			27,442		27,666		14,335		42,001	U
134	Area Mine Detection System (AMDS)	A		10,571		5,797				5,797	U
135	Husky Mounted Detection System (HMDS)	A		16,695		35,834				35,834	U
136	Robotic Combat Support System (RCSS)			4,516		4,029		4,850		8,879	U
137	EOD Robotics Systems Recapitalization	A		10,073		17,736				17,736	U
138	Robotics and Applique Systems			24,000		31,456				31,456	U
139	Remote Demolition Systems	A		4,454		1,748				1,748	U
140	Render Safe Sets kits Outfits	A									U
141	< \$5m, Countermining Equipment	A		1,530		5,914				5,914	U
142	Family of Boats and Motors	A		4,302		8,006				8,006	U
Combat Service Support Equipment											
143	Heaters and ECU'S	A		7,675		9,852		270		10,122	U
144	Soldier Enhancement			1,095		1,103				1,103	U
145	Personnel Recovery Support System (PRSS)	A		5,390		5,875		4,300		10,175	U
146	Ground Soldier System	A		135,768		34,781		1,725		36,506	U
147	Mobile Soldier Power	A		6,431		30,774				30,774	U
148	Force Provider	A						55,800		55,800	U
149	Field Feeding Equipment			15,485		17,521		1,035		18,556	U

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Appropriation: 2035A Other Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2020 Base		FY 2020 OCO for Base Requirements		FY 2020 OCO for Direct War and Enduring Costs		FY 2020 Total OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Engineer (Non-Construction) Equipment											
132	Handheld Standoff Minefield Detection Sys-Hst	B		7,570							U
133	Grnd Standoff Mine Detectn Systm (GSTAMIDS)			37,025			4,500		4,500		U
134	Area Mine Detection System (AMDS)	A									U
135	Husky Mounted Detection System (HMDS)	A		83,082			34,253		34,253		U
136	Robotic Combat Support System (RCSS)			2,000			3,300		3,300		U
137	EOD Robotics Systems Recapitalization	A		23,115							U
138	Robotics and Applique Systems			101,056							U
139	Remote Demolition Systems	A									U
140	Render Safe Sets kits Outfits	A		18,684			84,000		84,000		U
141	< \$5m, Countermining Equipment	A									U
142	Family of Boats and Motors	A		8,245							U
Combat Service Support Equipment											
143	Heaters and ECU'S	A		7,336			8		8		U
144	Soldier Enhancement										U
145	Personnel Recovery Support System (PRSS)	A		4,281			5,101		5,101		U
146	Ground Soldier System	A		111,955			1,760		1,760		U
147	Mobile Soldier Power	A		31,364							U
148	Force Provider	A					56,400		56,400		U
149	Field Feeding Equipment			1,673							U

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Line No	Item Nomenclature	Ident Code	FY 2020 Total (Base + OCO)		S e c
			Quantity	Cost	
Engineer (Non-Construction) Equipment					
132	Handheld Standoff Minefield Detection Sys-Hst	B		7,570	U
133	Grnd Standoff Mine Detectn Systm (GSTAMIDS)			41,525	U
134	Area Mine Detection System (AMDS)	A			U
135	Husky Mounted Detection System (HMDS)	A		117,335	U
136	Robotic Combat Support System (RCSS)			5,300	U
137	EOD Robotics Systems Recapitalization	A		23,115	U
138	Robotics and Applique Systems			101,056	U
139	Remote Demolition Systems	A			U
140	Render Safe Sets kits Outfits	A		102,684	U
141	< \$5m, Countermining Equipment	A			U
142	Family of Boats and Motors	A		8,245	U
Combat Service Support Equipment					
143	Heaters and ECU'S	A		7,344	U
144	Soldier Enhancement				U
145	Personnel Recovery Support System (PRSS)	A		9,382	U
146	Ground Soldier System	A		113,715	U
147	Mobile Soldier Power	A		31,364	U
148	Force Provider	A		56,400	U
149	Field Feeding Equipment			1,673	U

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Line No	Item Nomenclature	Ident Code	FY 2018 (Base + OCO)		FY 2019 Base Enacted		FY 2019 OCO Enacted		FY 2019 Total Enacted		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
150	Cargo Aerial Del & Personnel Parachute System			32,587		44,855		1,980		46,835	U
151	Family of Engr Combat and Construction Sets	A		10,426		15,978				15,978	U
152	Items Less Than \$5M (Eng Spt)	A				2,000				2,000	U
	Petroleum Equipment										
153	Quality Surveillance Equipment	A		6,903							U
154	Distribution Systems, Petroleum & Water			41,622		26,471				26,471	U
	Medical Equipment										
155	Combat Support Medical			95,533		85,238		17,527		102,765	U
	Maintenance Equipment										
156	Mobile Maintenance Equipment Systems	A		34,898		34,479				34,479	U
157	Items Less Than \$5.0M (Maint Eq)	A		2,728		4,985		268		5,253	U
	Construction Equipment										
158	Grader, Road Mtzd, Hvy, 6x4 (CCE)	A		989							U
159	Scrapers, Earthmoving	A		11,180		7,961				7,961	U
160	Loaders										U
161	Hydraulic Excavator	B		3,850		1,355				1,355	U
162	Tractor, Full Tracked	A									U
163	All Terrain Cranes	A		8,935		13,031				13,031	U
164	High Mobility Engineer Excavator (HMEE)	A		75,831		46,048		25,700		71,748	U
165	Enhanced Rapid Airfield Construction Capap	B		2,563		8,480				8,480	U

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Line No	Item Nomenclature	Ident Code	FY 2020 Base		FY 2020 OCO for Base Requirements		FY 2020 OCO for Direct War and Enduring Costs		FY 2020 Total OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
150	Cargo Aerial Del & Personnel Parachute System			43,622				2,040		2,040	U
151	Family of Engr Combat and Construction Sets	A		11,451							U
152	Items Less Than \$5M (Eng Spt)	A		5,167							U
	Petroleum Equipment										
153	Quality Surveillance Equipment	A									U
154	Distribution Systems, Petroleum & Water			74,867				13,986		13,986	U
	Medical Equipment										
155	Combat Support Medical			68,225				2,735		2,735	U
	Maintenance Equipment										
156	Mobile Maintenance Equipment Systems	A		55,053							U
157	Items Less Than \$5.0M (Maint Eq)	A		5,608							U
	Construction Equipment										
158	Grader, Road Mtzd, Hvy, 6x4 (CCE)	A									U
159	Scrapers, Earthmoving	A						4,669		4,669	U
160	Loaders							380		380	U
161	Hydraulic Excavator	B		500							U
162	Tractor, Full Tracked	A		4,835				8,225		8,225	U
163	All Terrain Cranes	A		23,936							U
164	High Mobility Engineer Excavator (HMEE)	A		27,188				3,000		3,000	U
165	Enhanced Rapid Airfield Construction Capap	B									U

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Line No	Item Nomenclature	Ident Code	FY 2020 Total (Base + OCO)		S e c
			Quantity	Cost	
150	Cargo Aerial Del & Personnel Parachute System			45,662	U
151	Family of Engr Combat and Construction Sets	A		11,451	U
152	Items Less Than \$5M (Eng Spt)	A		5,167	U
	Petroleum Equipment				
153	Quality Surveillance Equipment	A			U
154	Distribution Systems, Petroleum & Water			88,853	U
	Medical Equipment				
155	Combat Support Medical			70,960	U
	Maintenance Equipment				
156	Mobile Maintenance Equipment Systems	A		55,053	U
157	Items Less Than \$5.0M (Maint Eq)	A		5,608	U
	Construction Equipment				
158	Grader, Road Mtzd, Hvy, 6x4 (CCE)	A			U
159	Scrapers, Earthmoving	A		4,669	U
160	Loaders			380	U
161	Hydraulic Excavator	B		500	U
162	Tractor, Full Tracked	A		13,060	U
163	All Terrain Cranes	A		23,936	U
164	High Mobility Engineer Excavator (HMEE)	A		30,188	U
165	Enhanced Rapid Airfield Construction Capap	B			U

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Line No	Item Nomenclature	Ident Code	FY 2018 (Base + OCO)		FY 2019 Base Enacted		FY 2019 OCO Enacted		FY 2019 Total Enacted		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
166	Const Equip Esp			19,032		33,760				33,760	U
167	Items Less Than \$5.0M (Const Equip)	A		6,899		6,103				6,103	U
	Rail Float Containerization Equipment										
168	Army Watercraft Esp	A		20,110		8,508				8,508	U
169	Maneuver Support Vessel (MSV)	B									U
170	Items Less Than \$5.0M (Float/Rail)	A		2,877		8,385				8,385	U
	Generators										
171	Generators and Associated Equip	A		115,704		133,772		569		134,341	U
172	Tactical Electric Power Recapitalization	A		7,936		8,333				8,333	U
	Material Handling Equipment										
173	Family of Forklifts	A		9,000		12,901				12,901	U
	Training Equipment										
174	Combat Training Centers Support			126,600		117,584				117,584	U
175	Training Devices, Nonsystem			275,629		217,598				217,598	U
176	Synthetic Training Environment (STE)										U
177	Close Combat Tactical Trainer	A		34,008		33,080				33,080	U
178	Aviation Combined Arms Tactical Trainer			30,568		32,700				32,700	U
179	Gaming Technology In Support of Army Training			6,487		25,161				25,161	U
	Test Measure and Dig Equipment (TMD)										
180	Calibration Sets Equipment			5,564		4,270				4,270	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
166	Const Equip Esp			34,790				3,870		3,870	U
167	Items Less Than \$5.0M (Const Equip)	A		4,381				350		350	U
	Rail Float Containerization Equipment										
168	Army Watercraft Esp	A		35,194							U
169	Maneuver Support Vessel (MSV)	B		14,185							U
170	Items Less Than \$5.0M (Float/Rail)	A		6,920							U
	Generators										
171	Generators and Associated Equip	A		58,566				2,436		2,436	U
172	Tactical Electric Power Recapitalization	A		14,814							U
	Material Handling Equipment										
173	Family of Forklifts	A		14,864				5,152		5,152	U
	Training Equipment										
174	Combat Training Centers Support			123,411							U
175	Training Devices, Nonsystem			220,707				2,106		2,106	U
176	Synthetic Training Environment (STE)			20,749							U
177	Close Combat Tactical Trainer	A									U
178	Aviation Combined Arms Tactical Trainer			4,840							U
179	Gaming Technology In Support of Army Training			15,463							U
	Test Measure and Dig Equipment (TMD)										
180	Calibration Sets Equipment			3,030							U

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			Quantity	Cost	
166	Const Equip Esp			38,660	U
167	Items Less Than \$5.0M (Const Equip)	A		4,731	U
	Rail Float Containerization Equipment				
168	Army Watercraft Esp	A		35,194	U
169	Maneuver Support Vessel (MSV)	B		14,185	U
170	Items Less Than \$5.0M (Float/Rail)	A		6,920	U
	Generators				
171	Generators and Associated Equip	A		61,002	U
172	Tactical Electric Power Recapitalization	A		14,814	U
	Material Handling Equipment				
173	Family of Forklifts	A		20,016	U
	Training Equipment				
174	Combat Training Centers Support			123,411	U
175	Training Devices, Nonsystem			222,813	U
176	Synthetic Training Environment (STE)			20,749	U
177	Close Combat Tactical Trainer	A			U
178	Aviation Combined Arms Tactical Trainer			4,840	U
179	Gaming Technology In Support of Army Training			15,463	U
	Test Measure and Dig Equipment (TMD)				
180	Calibration Sets Equipment			3,030	U

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Line No	Item Nomenclature	Ident Code	FY 2018 (Base + OCO)		FY 2019 Base Enacted		FY 2019 OCO Enacted		FY 2019 Total Enacted		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
181	Integrated Family of Test Equipment (IFTE)			36,644		72,542		9,495		82,037	U
182	Test Equipment Modernization (TEMOD)			7,771		9,806				9,806	U
	Other Support Equipment										
183	M25 Stabilized Binocular	A		3,956		4,368				4,368	U
184	Rapid Equipping Soldier Support Equipment	A		13,500		11,879		18,000		29,879	U
185	Physical Security Systems (OPA3)	A		58,208		47,836		6,000		53,836	U
186	Base Level Common Equipment			13,239		6,633		2,080		8,713	U
187	Modification of In-Svc Equipment (OPA-3)			52,265		46,189		19,200		65,389	U
188	Production Base Support (OTH)			2,271		2,301				2,301	U
189	Building, Pre-Fab, Relocatable	A									U
190	Special Equipment for User Testing			14,319		11,608				11,608	U
191	Tractor Yard			5,935		4,956				4,956	U
	Total Other Support Equipment			1,646,834		1,793,219		244,172		2,037,391	
Budget Activity 04: Spare and Repair Parts											

	OPA2										
192	Initial Spares - C&E			12,334		9,817				9,817	U
	Total Spare and Repair Parts			12,334		9,817				9,817	
	Total Other Procurement, Army			8,877,968		7,844,199		1,364,045		9,208,244	

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Line No	Item Nomenclature	Ident Code	FY 2020 Base		FY 2020 OCO for Base Requirements		FY 2020 Direct War and Enduring Costs		FY 2020 Total OCO		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
181	Integrated Family of Test Equipment (IFTE)			76,980				1,395		1,395	U
182	Test Equipment Modernization (TEMOD)			16,415							U
	Other Support Equipment										
183	M25 Stabilized Binocular	A									U
184	Rapid Equipping Soldier Support Equipment	A		9,877				24,122		24,122	U
185	Physical Security Systems (OPA3)	A		82,158				10,016		10,016	U
186	Base Level Common Equipment			15,340							U
187	Modification of In-Svc Equipment (OPA-3)			50,458				33,354		33,354	U
188	Production Base Support (OTH)										U
189	Building, Pre-Fab, Relocatable	A		14,400				62,654		62,654	U
190	Special Equipment for User Testing			9,821							U
191	Tractor Yard										U
	Total Other Support Equipment			1,814,682				465,997		465,997	
	Budget Activity 04: Spare and Repair Parts										
	OPA2										
192	Initial Spares - C&E			9,757							U
	Total Spare and Repair Parts			9,757							
	Total Other Procurement, Army			7,443,101		8,200		1,131,450		1,139,650	

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Line No	Item Nomenclature	Ident Code	FY 2020		S e c
			Quantity	Cost	
181	Integrated Family of Test Equipment (IFTE)			78,375	U
182	Test Equipment Modernization (TEMOD)			16,415	U
	Other Support Equipment				
183	M25 Stabilized Binocular	A			U
184	Rapid Equipping Soldier Support Equipment	A		33,999	U
185	Physical Security Systems (OPA3)	A		92,174	U
186	Base Level Common Equipment			15,340	U
187	Modification of In-Svc Equipment (OPA-3)			83,812	U
188	Production Base Support (OTH)				U
189	Building, Pre-Fab, Relocatable	A		77,054	U
190	Special Equipment for User Testing			9,821	U
191	Tractor Yard				U
	Total Other Support Equipment			2,280,679	
Budget Activity 04: Spare and Repair Parts					

	OPA2				
192	Initial Spares - C&E			9,757	U
	Total Spare and Repair Parts			9,757	
	Total Other Procurement, Army			8,582,751	

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3	01	10	3446D15400	Ambulance, 4 LITTER, 5/4 TON, 4x4.....	27
4	01	10	3484D15501	Ground Mobility Vehicles (GMV).....	35
5	01	10	3636D10000	ARNG HMMWV Modernization Program.....	43
6	01	10	5600D15603	JOINT LIGHT TACTICAL VEHICLE.....	45
7	01	10	5862D16001	TRUCK, DUMP, 20T (CCE).....	56
8	01	10	6866D15500	Family Of Medium Tactical Veh (FMTV).....	61
9	01	10	7000D15800	Firetrucks & Associated Firefighting Equip.....	86
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15	01	10	8992DA0924	Modification Of In Svc Equip.....	154
16	01	10	8995D03002	Mine-Resistant Ambush-Protected (MRAP) Mods.....	165

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18	01	20	0358D23000	Passenger Carrying Vehicles.....	167
19	01	20	2450D30000	NonTactical Vehicles, Other.....	169

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Family Of Heavy Tactical Vehicles (FHTV)	8309DA0500	10	01	10.....	94
Family Of Medium Tactical Veh (FMTV)	6866D15500	8	01	10.....	61
Firetrucks & Associated Firefighting Equip	7000D15800	9	01	10.....	86
Ground Mobility Vehicles (GMV)	3484D15501	4	01	10.....	35
HMMWV Recapitalization Program	8953DV0230	13	01	10.....	134
Heavy Armored Vehicle	0300D22100	17	01	20.....	166
Hvy Expanded Mobile Tactical Truck Ext Serv	8948DV0021	12	01	10.....	125
JOINT LIGHT TACTICAL VEHICLE	5600D15603	6	01	10.....	45
Mine-Resistant Ambush-Protected (MRAP) Mods	8995D03002	16	01	10.....	165
Modification Of In Svc Equip	8992DA0924	15	01	10.....	154
NonTactical Vehicles, Other	2450D30000	19	01	20.....	169
PLS ESP	8331D16506	11	01	10.....	117
Passenger Carrying Vehicles	0358D23000	18	01	20.....	167
Semitrailers, Flatbed:	0930D01001	2	01	10.....	9
TRUCK, DUMP, 20T (CCE)	5862D16001	7	01	10.....	56

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Tactical Wheeled Vehicle Protection Kits	8980D04003	14	01	10.....	140

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	11	77	82	245	-	245	358	252	202	169	-	1,396
Gross/Weapon System Cost (<i>\$ in Millions</i>)	19.012	7.716	8.850	12.993	-	12.993	16.249	12.155	10.409	9.301	-	96.685
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	19.012	7.716	8.850	12.993	-	12.993	16.249	12.155	10.409	9.301	-	96.685
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	19.012	7.716	8.850	12.993	-	12.993	16.249	12.155	10.409	9.301	-	96.685

(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>)	1,728.364	100.208	107.927	53.033	-	53.033	45.388	48.234	51.530	55.036	-	69.259

Description:

Tactical trailers and dolly sets are used to transport generators, shelters, drinking water, ammunition, and general cargo. The prime movers for these trailers range from the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) to the 20-ton dump truck. This budget line funds the Light Engineer Utility Trailer (LEUT). The 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 and the M1269 (Type II LEUT) is a 12-ton payload capacity trailer. The prime movers for the Type I and M1269 are the Heavy Expanded Mobility Tactical Truck (HEMTT), 5-ton cargo, and 5, 10, and 20-ton dump trucks. The Army Acquisition Objective for the LEUT is 2,218 (Type I: 1,094 and M1269: 1,124).

Secondary Distribution	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army									
Quantity	-	8	44	-	44	65	45	36	12
Total Obligation Authority	-	0.885	2.337	-	2.337	2.923	2.185	1.870	0.652
ANG									
Quantity	41	42	118	-	118	172	121	98	89
Total Obligation Authority	4.121	4.514	6.237	-	6.237	7.800	5.836	4.998	4.887
AR									
Quantity	36	32	83	-	83	121	86	68	68
Total Obligation Authority	3.595	3.451	4.419	-	4.419	5.526	4.134	3.541	3.762
Total: Secondary Distribution									
Quantity	77	82	245	-	245	358	252	202	169
Total Obligation Authority	7.716	8.850	12.993	-	12.993	16.249	12.155	10.409	9.301

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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			11 / 19.012	77 / 7.716	82 / 8.850	245 / 12.993	- / -	245 / 12.993
P-40	Total Gross/Weapon System Cost				11 / 19.012	77 / 7.716	82 / 8.850	245 / 12.993	- / -	245 / 12.993

*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 2020 Base procurement dollars in the amount of \$12.993 million supports the procurement of 245 M1269s (Type II LEUTs) to include manuals, transportation, and fielding. 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 \$9.939M, quantity of 11.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary		Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)		11	77	82	245	-	245
Gross/Weapon System Cost (\$ in Millions)		19.012	7.716	8.850	12.993	-	12.993
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		19.012	7.716	8.850	12.993	-	12.993
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		19.012	7.716	8.850	12.993	-	12.993

(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)	1,728.364	100.208	107.927	53.033	-	-	53.033

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ^(f)	-	-	-	-	-	-	38.091	11	0.419	-	-	-	-	-	-	-	-	-
M1269 Trailer (Type II 12-Ton) ^(f)	157.091	11	1.728	34.883	77	2.686	35.141	71	2.495	37.220	245	9.119	-	-	-	37.220	245	9.119
Logistics/Manuals	-	-	0.700	-	-	0.170	-	-	2.488	-	-	0.119	-	-	-	-	-	0.119
SEPM (Government and Contractor)	-	-	16.497	-	-	2.572	-	-	1.050	-	-	1.677	-	-	-	-	-	1.677
Engineering Change Proposals	-	-	-	-	-	0.050	-	-	0.030	-	-	0.137	-	-	-	-	-	0.137
Government/ Contractor Testing	-	-	-	-	-	1.638	-	-	1.826	-	-	0.107	-	-	-	-	-	0.107
Fielding	-	-	0.050	-	-	0.278	-	-	0.243	-	-	1.009	-	-	-	-	-	1.009
FRET (Type II only)	-	-	0.037	-	-	0.322	-	-	0.299	-	-	0.825	-	-	-	-	-	0.825
<i>Subtotal: Recurring Cost</i>	-	-	19.012	-	-	7.716	-	-	8.850	-	-	12.993	-	-	-	-	-	12.993
<i>Subtotal: Flyaway Cost</i>	-	-	19.012	-	-	7.716	-	-	8.850	-	-	12.993	-	-	-	-	-	12.993
Gross/Weapon System Cost	1,728.364	11	19.012	100.208	77	7.716	107.927	82	8.850	53.033	245	12.993	-	-	-	53.033	245	12.993

Remarks:

Based on updated cost data, FY19 Logistics/Manuals estimate will change to approximately \$672k. Program will buy to budget. This will increase the M1269 FY19 quantity from 71 to approximately 97.

Prior year actual SEPM cost should be \$7.424M.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	-	8	44	-	44
	Total Obligation Authority	-	0.885	2.337	-	2.337
ANG	Quantity	41	42	118	-	118
	Total Obligation Authority	4.121	4.514	6.237	-	6.237
AR	Quantity	36	32	83	-	83
	Total Obligation Authority	3.595	3.451	4.419	-	4.419
Total:	Quantity	77	82	245	-	245
Secondary Distribution	Total Obligation Authority	7.716	8.850	12.993	-	12.993

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army **Date:** March 2019

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
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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		2019	TBD - Type I / TBD - Type I	C / FFP	TACOM, Warren	Jul 2019	Jan 2020	11	38.091	Y		
M1269 Trailer (Type II 12-Ton) ^(†)		2018	Carolina Growler / Star, NC	C / FFP	TACOM, Warren	Jul 2019	Jan 2020	77	34.883	Y		
M1269 Trailer (Type II 12-Ton) ^(†)		2019	Carolina Growler / Star, NC	C / FFP	TACOM, Warren	Jul 2019	Jan 2020	71	35.141	Y		
M1269 Trailer (Type II 12-Ton) ^(†)		2020	Carolina Growler / Star, NC	C / FFP	TACOM, Warren	Feb 2020	Jun 2020	245	37.220	Y		

^(†) indicates the presence of a P-21

Remarks:
These dates assume initial fielding under a Conditional Material Release of Type I and Type II. Program intends to complete a Full Material Release.

There is no P-21 for LEUT Type I because manufacturing costs in FY20 are under \$5.000 million.

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Exhibit P-21, Production Schedule: PB 2020 Army **Date:** March 2019

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 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																																		
M1269 Trailer (Type II 12-Ton)																																																																
Prior Years Deliveries: 11																																																																
1		2018	ARMY	77	0	77																							A	-	-	-	-	-	-	4	4	4	4	8	8	8	8	10	19																			
1		2019	ARMY	71	0	71																								A	-	-	-	-	-	-	4	4	4	4	8	8	8	8	10	13																		
1		2020	ARMY	245	0	245																																									A	-	-	-	-	-	-							6	7	14	10	208
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																																		

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Exhibit P-21, Production Schedule: PB 2020 Army **Date:** March 2019

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 2021													Fiscal Year 2022												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 2 0	BAL D U E A S O F 1 O C T	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	
M1269 Trailer (Type II 12-Ton)																																
Prior Years Deliveries: 11																																
	1	2018	ARMY	77	58	19	10	9																					0			
	1	2019	ARMY	71	58	13	10	3																					0			
	1	2020	ARMY	245	37	208	10	18	30	30	30	30	30	30															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		

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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 2020	1-8-5 For 2020	MAX For 2020	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	Carolina Growler - Star, NC	22	26	30	0	26	6	32	0	4	5	9

Remarks:
FY18 and FY19 funding are LRIP quantities and fall below the MSR. Once FRP is reached, quantities do not go below MSR.

"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).

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	251	389	208	931	-	931	952	933	670	355	-	4,689
Gross/Weapon System Cost (<i>\$ in Millions</i>)	567.611	43.381	24.951	102.386	-	102.386	99.917	100.334	67.128	28.218	-	1,033.926
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	567.611	43.381	24.951	102.386	-	102.386	99.917	100.334	67.128	28.218	-	1,033.926
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	567.611	43.381	24.951	102.386	-	102.386	99.917	100.334	67.128	28.218	-	1,033.926

(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>)	2,261.398	111.519	119.957	109.974	-	109.974	104.955	107.539	100.191	79.487	-	220.500

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 M870 Army Acquisition Objective (AAO) is 2,888.

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 M871 AAO is 4,966.

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 7,327.

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. The M172 AAO is 1,245.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	389	208	344	-	344	336	417	358	355
	Total Obligation Authority	43.381	24.951	39.244	-	39.244	36.251	41.460	33.785	28.218
ANG	Quantity	-	-	361	-	361	469	359	209	-
	Total Obligation Authority	-	-	38.986	-	38.986	46.650	41.005	22.242	-
AR	Quantity	-	-	226	-	226	147	157	103	-

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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

		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Secondary Distribution	Total Obligation Authority	-	-	24.156	-	24.156	17.016	17.869	11.101	-
Total:	Quantity	389	208	931	-	931	952	933	670	355
Secondary Distribution	Total Obligation Authority	43.381	24.951	102.386	-	102.386	99.917	100.334	67.128	28.218

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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, P-21	A		251 / 191.499	25 / 2.651	11 / 3.475	246 / 21.500	- / -	246 / 21.500
P-5	D01600 / SEMITRAILER FB BB/CONT TR 34T M872 C/S	P-5a, P-21	A		- / 376.112	364 / 40.730	182 / 19.858	646 / 76.267	- / -	646 / 76.267
P-5	D01650 / SEMITRAILER LOW BED 25 TON	P-5a			- / -	- / -	15 / 1.618	39 / 4.619	- / -	39 / 4.619
P-40	Total Gross/Weapon System Cost				251 / 567.611	389 / 43.381	208 / 24.951	931 / 102.386	- / -	931 / 102.386

*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 2020 Base procurement dollars in the amount of \$21.500 million supports the conclusion of Production Verification Testing (PVT) of the low-rate initial-production (LRIP) M870A4 semitrailers and the procurement of 246 semitrailers during the first year of full-rate production. This program enables the Army's modernization priorities in support of the National Defense Strategy through construction of fixed sites for air and missile defense, improvement of lines of communication, and movement of all systems and classes of supply.

D01600 / SEMITRAILER 34-Ton (M872): FY 2020 Base procurement dollars in the amount of \$76.267 million supports the procurement of 646 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. This program is a critical enabler for the Army's modernization priorities through movement of Soldiers, air defense & missile defenses, sensors, network, fuel, ammunition, etc.

D01650 / SEMITRAILER LOW BED 25-Ton (M172): FY 2020 Base procurement dollars in the amount of \$4.619 million supports the procurement of 39 M872A4 semitrailers. D01650 funds will be executed against APE D01600. The 25-Ton Semitrailer Low-bed (STLB) program anticipates a Milestone C decision in late 1QFY2021, with a projected production award in 3QFY2021.

Overall Gross Weapon System Unit Cost decrease for D01001 Semitrailers from FY 2019 to FY 2020 is due to the fact that most of the FY 2020 funding will be directed to full-rate production and only a small portion directed to non-manufacturing costs such as test and data deliverables.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	251	25	11	246	-	246
Gross/Weapon System Cost (\$ in Millions)	191.499	2.651	3.475	21.500	-	21.500
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	191.499	2.651	3.475	21.500	-	21.500
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	191.499	2.651	3.475	21.500	-	21.500

(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)	762.944	106.040	315.909	87.398	-	87.398

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 Semitrailer with FRET	-	-	-	89.880	25	2.247	-	-	-	-	-	-	-	-	-	-	-	-
M870A4 Semitrailer with FRET ^(†)	693.231	251	174.001	-	-	-	140.909	11	1.550	75.894	246	18.670	-	-	-	75.894	246	18.670
Matrix Functional Support	-	-	6.585	-	-	0.350	-	-	0.450	-	-	0.945	-	-	-	-	-	0.945
Testing	-	-	5.333	-	-	-	-	-	1.224	-	-	-	-	-	-	-	-	-
Fielding	-	-	2.902	-	-	0.015	-	-	-	-	-	0.350	-	-	-	-	-	0.350
First Destination Transportation	-	-	2.678	-	-	0.039	-	-	0.018	-	-	0.369	-	-	-	-	-	0.369
Engineering Changes	-	-	-	-	-	-	-	-	0.015	-	-	0.485	-	-	-	-	-	0.485
Data / Documentation	-	-	-	-	-	-	-	-	0.218	-	-	0.681	-	-	-	-	-	0.681
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>191.499</i>	<i>-</i>	<i>-</i>	<i>2.651</i>	<i>-</i>	<i>-</i>	<i>3.475</i>	<i>-</i>	<i>-</i>	<i>21.500</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>21.500</i>
<i>Subtotal: Flyaway Cost</i>	<i>-</i>	<i>-</i>	<i>191.499</i>	<i>-</i>	<i>-</i>	<i>2.651</i>	<i>-</i>	<i>-</i>	<i>3.475</i>	<i>-</i>	<i>-</i>	<i>21.500</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>21.500</i>
Gross/Weapon System Cost	762.944	251	191.499	106.040	25	2.651	315.909	11	3.475	87.398	246	21.500	-	-	-	87.398	246	21.500

Remarks:

FY 2019 to FY 2020 unit cost change is due to the fact that FY 2019 is the first year of Low Rate Initial Production (LRIP), which includes start-up production costs and non-recurring engineering costs that are not carried over to FY 2020 full rate production costs.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:**

D00700 / SEMITRAILER LB 40T M870A1 (CCE): FY 2018 Base procurement dollars in the amount of \$2.651 million supported the procurement of 21 M872A4 semitrailers . D00700 funds were executed against APE D01600 (SEMITRAILER FB BB/CONT TR 34T M872 C/S).

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 LRIP award. Evaluation of Fair Opportunity Submission Request (FOSR) will result in the award of Delivery Order #2 in 2QFY2019 for 11 LRIP trailers. Completion of Production Verification Test (PVT) will occur in early FY 2020, with Full Rate Production (FRP) decision and contract award later in FY 2020.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	25	11	43	-	43
	Total Obligation Authority	2.651	3.475	3.726	-	3.726
ANG	Quantity	-	-	121	-	121
	Total Obligation Authority	-	-	10.578	-	10.578
AR	Quantity	-	-	82	-	82
	Total Obligation Authority	-	-	7.196	-	7.196
Total:	Quantity	25	11	246	-	246
Secondary Distribution	Total Obligation Authority	2.651	3.475	21.500	-	21.500

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019				
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 Semitrailer with FRET		2019	TBD / TBD	C / IDIQ	TACOM - Warren, MI	Jan 2019	Jun 2019	11	140.909	N		
M870A4 Semitrailer with FRET ^(†)		2020	TBD / TBD	C / IDIQ	TACOM - Warren, MI	Jul 2020	Jan 2021	246	75.894	N		

^(†) indicates the presence of a P-21

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 2QFY2019 for 11 LRIP trailers. Completion of Production Verification Test (PVT) will occur in early FY 2020, with Full Rate Production (FRP) decision and contract award later in FY 2020.

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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 <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

M870A4 Semitrailer with FRET

Prior Years Deliveries: 251

1	2020	ARMY		246	0	246																									A -	-	-	246
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O C C #	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	J U L	A U G	S E P
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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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 <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

M870A4 Semitrailer with FRET

Prior Years Deliveries: 251

1	2020	ARMY		246	0	246	-	-	-	10	20	25	25	25	25	25	25	21	20	15	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		

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2020	1-8-5 For 2020	MAX For 2020	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	12	60	0	5	6	11	4	10	7	17

"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).

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity <i>(Units in Each)</i>	-	364	182	646	-	646
Gross/Weapon System Cost <i>(\$ in Millions)</i>	376.112	40.730	19.858	76.267	-	76.267
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	376.112	40.730	19.858	76.267	-	76.267
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	376.112	40.730	19.858	76.267	-	76.267

(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>	-	111.896	109.110	118.060	-	118.060

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 Semitrailer with FRET ^(†)	117.498	3,201	376.112	90.279	430	38.820	111.636	168	18.755	112.757	646	72.841	-	-	-	112.757	646	72.841
Matrix Functional Support	-	-	-	-	-	0.923	-	-	0.490	-	-	1.200	-	-	-	-	-	1.200
System Fielding	-	-	-	-	-	0.237	-	-	0.060	-	-	0.161	-	-	-	-	-	0.161
Transportation	-	-	-	-	-	0.750	-	-	0.380	-	-	1.232	-	-	-	-	-	1.232
Engineering Changes (ECPs)	-	-	-	-	-	-	-	-	0.173	-	-	0.833	-	-	-	-	-	0.833
<i>Subtotal: Recurring Cost</i>	-	-	376.112	-	-	40.730	-	-	19.858	-	-	76.267	-	-	-	-	-	76.267
<i>Subtotal: Flyaway Cost</i>	-	-	376.112	-	-	40.730	-	-	19.858	-	-	76.267	-	-	-	-	-	76.267
Gross/Weapon System Cost	-	-	376.112	111.896	364	40.730	109.110	182	19.858	118.060	646	76.267	-	-	-	118.060	646	76.267

Remarks:

Unit cost increase from FY 2018 to FY 2019 and FY2020 is due to the fact that all semitrailers being produced in FY 2019-2020 timeframe will incur Federal Retail Excise Tax (FRET) payments by the Government whereas none of the FY18 semitrailers produced incurred FRET since they were designated for fielding overseas. In addition, the contractor recently experienced a substantial increase in raw materials costs, namely for steel and aluminum, further adding to the increased unit cost.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:**

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	364	182	262	-	262
	Total Obligation Authority	40.730	19.858	30.899	-	30.899
ANG	Quantity	-	-	240	-	240
	Total Obligation Authority	-	-	28.408	-	28.408
AR	Quantity	-	-	144	-	144
	Total Obligation Authority	-	-	16.960	-	16.960
Total:	Quantity	364	182	646	-	646
Secondary Distribution	Total Obligation Authority	40.730	19.858	76.267	-	76.267

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019					
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	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
M872A4 Semitrailer with FRET ^(†)		2018	TALBERT MANUFACTURING INC. / RENSSELAER, IN	SS / FFP	TACOM, Warren, MI	Jun 2018	Oct 2018	430	90.279	Y		Jan 2018
M872A4 Semitrailer with FRET ^(†)		2019	TALBERT MANUFACTURING INC. / RENSSELAER, IN	SS / IDIQ	TACOM, Warren, MI	Jan 2019	May 2019	168	111.636	Y		Oct 2018
M872A4 Semitrailer with FRET ^(†)		2020	TALBERT MANUFACTURING INC. / RENSSELAER, IN	SS / IDIQ	TACOM - Warren, MI	Jan 2020	May 2020	646	112.757	Y		

^(†) indicates the presence of a P-21

Remarks:

Unit cost increase from FY 2019 to FY 2020 is due to the fact that all 646 semitrailers being produced in FY 2020 will incur Federal Retail Excise Tax (FRET) payments by the Government whereas many of the FY18 and FY19 semitrailers were or will be produced without incurring FRET since they are designated for fielding overseas. In addition, the contractor recently experienced a significant increase in raw materials costs, namely for steel and aluminum, further adding to the increased unit cost.

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Exhibit P-21, Production Schedule: PB 2020 Army				Date: March 2019							
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 2018												Fiscal Year 2019												B A L A N C E							
O C C O	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					
M872A4 Semitrailer with FRET																																				
Prior Years Deliveries: 3201																																				
	1	2018	ARMY	430		0	430										A	-	-	-		60	60	60	60	60	60	60	10					0		
	1	2019	ARMY	168		0	168																			A	-	-	-		20	20	15	15	10	88
	1	2020	ARMY	646		0	646																													646

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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													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			

M872A4 Semitrailer with FRET																														
Prior Years Deliveries: 3201																														
1	2018	ARMY	430	430	0																								0	
1	2019	ARMY	168	80	88	10	10	8	12	12	15	21																	0	
1	2020	ARMY	646	0	646				A	-	-	-		30	40	50	60	60	60	60	60	60	60	60	60	46				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	

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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 2020	1-8-5 For 2020	MAX For 2020	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	9	4	13	3	4	5	9

"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).

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	-	-	15	39	-	39
Gross/Weapon System Cost (\$ in Millions)	-	-	1.618	4.619	-	4.619
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	-	1.618	4.619	-	4.619
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	1.618	4.619	-	4.619

(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)	-	-	107.867	118.436	-	118.436

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 SEMITRAILER FLATBED (w/FRET) ^(†)	-	-	-	-	-	-	103.333	15	1.550	113.949	39	4.444	-	-	-	113.949	39	4.444
Engineering Changes	-	-	-	-	-	-	-	-	0.022	-	-	0.068	-	-	-	-	-	0.068
First Destination Transportation (FDT)	-	-	-	-	-	-	-	-	0.030	-	-	0.078	-	-	-	-	-	0.078
Fielding	-	-	-	-	-	-	-	-	0.016	-	-	0.029	-	-	-	-	-	0.029
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	1.618	-	-	4.619	-	-	-	-	-	4.619
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	1.618	-	-	4.619	-	-	-	-	-	4.619
Gross/Weapon System Cost	-	-	-	-	-	-	107.867	15	1.618	118.436	39	4.619	-	-	-	118.436	39	4.619

Remarks:

D01650 / SEMITRAILER LOW BED 25-Ton (M172): FY 2019 Base procurement dollars in the amount of \$1.618 million and FY 2020 Base procurement dollars in the amount of \$4.619 million supports the procurement of 15 and 39 M872A4 semitrailers respectively. D01650 funds will be executed against APE D01600 (SEMITRAILER FB BB/CONT TR 34T M872 C/S). The 25-Ton Semitrailer Low-bed (STLB) program anticipates a Milestone C decision in late 1QFY2021, with a projected production award in 3QFY2021.

Secondary Distribution	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army Quantity	-	15	39	-	39

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
	Total Obligation Authority	-	1.618	4.619	-	4.619
Total:	Quantity	-	15	39	-	39
Secondary Distribution	Total Obligation Authority	-	1.618	4.619	-	4.619

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019				
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
M872A4 SEMITRAILER FLATBED (w/FRET)		2019	TALBERT MANUFACTURING INC. / RENSSELAER, IN	SS / IDIQ	TACOM - Warren, MI	Jan 2019	May 2019	15	103.333	Y		
M872A4 SEMITRAILER FLATBED (w/FRET)		2020	TALBERT MANUFACTURING INC. / RENSSELAER, IN	SS / IDIQ	TACOM - Warren, MI	Jan 2020	May 2020	39	113.949	Y		

Remarks:
D01650 / SEMITRAILER LOW BED 25-Ton (M172): FY 2019 Base procurement dollars in the amount of \$1.618 million and FY 2020 Base procurement dollars in the amount of \$4.619 million supports the procurement of 15 and 39 M872A4 semitrailers respectively. D01650 funds will be executed against APE D01600 (SEMITRAILER FB BB/CONT TR 34T M872 C/S). The 25-Ton Semitrailer Low-bed (STLB) program anticipates a Milestone C decision in late 1QFY2021, with a projected production award in 3QFY2021.

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 / Ambulance, 4 LITTER, 5/4 TON, 4x4

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	169	257	645	334	-	334	349	237	233	122	-	2,346
Gross/Weapon System Cost (<i>\$ in Millions</i>)	266.720	78.000	190.893	127.271	-	127.271	137.000	74.998	75.000	42.980	-	992.862
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	266.720	78.000	190.893	127.271	-	127.271	137.000	74.998	75.000	42.980	-	992.862
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	266.720	78.000	190.893	127.271	-	127.271	137.000	74.998	75.000	42.980	-	992.862

(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>)	1,578.225	303.502	295.958	381.051	-	381.051	392.550	316.447	321.888	352.295	-	423.215

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 and associated kits. Product Director, 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.

AAO: Department of the Army intent is to divest older Ambulances and replace with new modernized Ambulances up to the requirement of 3,905.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	257	645	334	-	334	349	237	233	122
	Total Obligation Authority	78.000	190.893	127.271	-	127.271	137.000	74.998	75.000	42.980
Total: Secondary Distribution	Quantity	257	645	334	-	334	349	237	233	122
	Total Obligation Authority	78.000	190.893	127.271	-	127.271	137.000	74.998	75.000	42.980

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 / Ambulance, 4 LITTER, 5/4 TON, 4x4

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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			169 / 266.720	257 / 78.000	645 / 190.893	334 / 127.271	- / -	334 / 127.271
P-40	Total Gross/Weapon System Cost				169 / 266.720	257 / 78.000	645 / 190.893	334 / 127.271	- / -	334 / 127.271

*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 2020 Base procurement dollars in the amount of \$127.271 million procures 334 HMMWV Ambulances and associated kits to support the modernization of the Army's HMMWV Ambulance fleet.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 3446D15400 / Ambulance, 4 LITTER, 5/4 TON, 4x4	Item Number / Title [DODIC]: D15406 / AMBULANCE, 4 LITTER,5/4 TON,4X4

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	169	257	645	334	-	334
Gross/Weapon System Cost (\$ in Millions)	266.720	78.000	190.893	127.271	-	127.271
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	266.720	78.000	190.893	127.271	-	127.271
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	266.720	78.000	190.893	127.271	-	127.271

(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)	1,578.225	303.502	295.958	381.051	-	381.051

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ^(f)	723.818	363	262.746	287.008	257	73.761	287.031	645	185.135	279.749	334	93.436	-	-	-	279.749	334	93.436
Product Management Support	-	-	2.477	-	-	2.915	-	-	0.997	-	-	1.017	-	-	-	-	-	1.017
Fielding	-	-	0.676	-	-	1.324	-	-	3.176	-	-	2.161	-	-	-	-	-	2.161
System Technical Support (STS)	-	-	0.821	-	-	-	-	-	1.585	-	-	0.833	-	-	-	-	-	0.833
Retrofit Kits	-	-	-	-	-	-	-	-	-	-	-	29.824	-	-	-	-	-	29.824
<i>Subtotal: Recurring Cost</i>	-	-	266.720	-	-	78.000	-	-	190.893	-	-	127.271	-	-	-	-	-	127.271
<i>Subtotal: Flyaway Cost</i>	-	-	266.720	-	-	78.000	-	-	190.893	-	-	127.271	-	-	-	-	-	127.271
Gross/Weapon System Cost	1,578.225	169	266.720	303.502	257	78.000	295.958	645	190.893	381.051	334	127.271	-	-	-	381.051	334	127.271

Secondary Distribution	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	257	645	334	-	334
Total Obligation Authority	78.000	190.893	127.271	-	127.271
Total: Secondary Distribution	257	645	334	-	334
Total Obligation Authority	78.000	190.893	127.271	-	127.271

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 3446D15400 / Ambulance, 4 LITTER, 5/4 TON, 4x4	Item Number / Title [DODIC]: D15406 / AMBULANCE, 4 LITTER,5/4 TON,4X4
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:
^(†) indicates the presence of a P-5a		

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 3446D15400 / Ambulance, 4 LITTER, 5/4 TON, 4x4				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 ^(†)		2018	AM GENERAL LLC / SOUTH BEND IN	SS / FFP	TACOM, Warren, MI	Sep 2018	Jun 2019	257	287.008	Y		Sep 2017
HMMWV Ambulance ^(†)		2019	AM GENERAL LLC / SOUTH BEND IN	SS / FFP	TACOM, Warren, MI	May 2019	Feb 2020	645	287.031	Y		Sep 2017
HMMWV Ambulance ^(†)		2020	AM GENERAL LLC / SOUTH BEND IN	SS / FFP	TACOM, Warren, MI	Jan 2020	Oct 2020	334	279.749	Y		Sep 2017

^(†) indicates the presence of a P-21

Remarks:
In FY18 a new PPP contract was awarded to AM General. Rock Island Arsenal (RIA) is the major sub-contractor that manufactures and integrates the patient box onto a new production chassis.

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 3446D15400 / Ambulance, 4 LITTER, 5/4 TON, 4x4
		Item Number / Title [DODIC]: D15406 / AMBULANCE, 4 LITTER,5/4 TON,4X4

Cost Elements (Units in Each)						Fiscal Year 2018												Fiscal Year 2019												B A L A N C E																			
O C C O	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																		
HMMWV Ambulance																																																	
Prior Years Deliveries: 363																																																	
1	2018	ARMY		257	0	257																							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	21	21	21	173
1	2019	ARMY		645	0	645																																					A	-	-	-	-	-	645
1	2020	ARMY		334	0	334																																										334	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																			

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 3446D15400 / Ambulance, 4 LITTER, 5/4 TON, 4x4										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: 363																																				
1		2018	ARMY	257	84	173	21	22	22	22	22	22	21	21																						0
1		2019	ARMY	645	0	645	-	-	-	-	30	80	80	80	80	80	80	55																		0
1		2020	ARMY	334	0	334				A	-	-	-	-	-	-	-	22	80	80	80	72													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						

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 3446D15400 / Ambulance, 4 LITTER, 5/4 TON, 4x4
		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 2020	1-8-5 For 2020	MAX For 2020	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	AM GENERAL LLC - SOUTH BEND IN	140	240	1,000	0	12	7	19	0	4	9	13

Remarks:
 Current production does not fall below the plant MSR for FY20 when including production for other customers, FMS Direct Sales and HMMWV ARNG Modernization.
 Production rates are AM General plant wide rates.
 383 additional Ambulances are being produced from June 2019 through February 2020 that are not shown on this form. These Ambulances are funded with FY18 funds on Line 3636D10000 / ARNG HMMWV Modernization Program.
 In FY18 a new PPP contract was awarded to AM General. Rock Island Arsenal (RIA) is the major sub-contractor that manufactures and integrates the patient box onto a new production chassis.
 "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).

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	12	108	105	84	-	84	64	50	52	52	-	527
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4.907	40.935	42.695	37.038	-	37.038	19.078	17.914	18.000	17.000	-	197.567
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	4.907	40.935	42.695	37.038	-	37.038	19.078	17.914	18.000	17.000	-	197.567
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	4.907	40.935	42.695	37.038	-	37.038	19.078	17.914	18.000	17.000	-	197.567

(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	379.028	406.619	440.929	-	440.929	298.094	358.280	346.154	326.923	-	374.890

Description:

The Army Ground Mobility Vehicles (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.

The GMV Directed Requirement, dated 27 February 2017, 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 current Army direction is to procure 168 AGMV1.1 vehicles for 3 Airborne IBCTs, and 127 vehicles for USASOC.

Ground Mobility Vehicle variants directly support the National Defense Strategy's intent to increase "Forward force maneuver and posture resilience" by providing increased capability for the Soldier to "deploy, survive, operate, maneuver, and regenerate in all domains while under attack." A-GMV 1.1, and ISV provide the necessary flexibility for entry operations (permissive and non-permissive) to counter threat anti-access strategies by using multiple austere entry points by sea, air, and land, and provide increased capability for the Infantry Brigade Combat Team to conduct decisive action missions as well as crisis response.

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

Secondary Distribution	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army									
Quantity	108	105	84	-	84	64	50	52	52
Total Obligation Authority	40.935	42.695	37.038	-	37.038	19.078	17.914	18.000	17.000
Total:									
Secondary Distribution									
Quantity	108	105	84	-	84	64	50	52	52
Total Obligation Authority	40.935	42.695	37.038	-	37.038	19.078	17.914	18.000	17.000

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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	108 / 40.935	105 / 42.695	84 / 37.038	- / -	84 / 37.038
P-40	Total Gross/Weapon System Cost				12 / 4.907	108 / 40.935	105 / 42.695	84 / 37.038	- / -	84 / 37.038

*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 FY2020 Base procurement dollars in the amount of \$37.038 million supports the procurement of 69 GMVs to support production of the USASOC Version of the GMV1.1 SOCOM Vehicle, the procurement of 15 Infantry Squad Vehicle (ISV), contractor System Engineering/Program Management (SEPM), fielding to include Spares and Total Package Fielding (TPF) and Interim Contractor Support (ICS), Engineering Change Proposals (ECP) to include retrofits, Logistics Development, 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.

The database P-40 quantities are not current for FY 2019. Procurement Quantity (Qty) totals FY 2019 are: Qty 106.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary		Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)		12	108	105	84	-	84
Gross/Weapon System Cost (\$ in Millions)		4.907	40.935	42.695	37.038	-	37.038
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		4.907	40.935	42.695	37.038	-	37.038
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		4.907	40.935	42.695	37.038	-	37.038

(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	379.028	406.619	440.929	-	440.929	

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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	266.000	108	28.728	303.962	105	31.916	336.393	84	28.257	-	-	-	336.393	84	28.257
Kits	-	-	0.168	-	-	0.410	-	-	0.218	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>3.288</i>	<i>-</i>	<i>-</i>	<i>29.138</i>	<i>-</i>	<i>-</i>	<i>32.134</i>	<i>-</i>	<i>-</i>	<i>28.257</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>28.257</i>
<i>Subtotal: Flyaway Cost</i>	<i>-</i>	<i>-</i>	<i>3.288</i>	<i>-</i>	<i>-</i>	<i>29.138</i>	<i>-</i>	<i>-</i>	<i>32.134</i>	<i>-</i>	<i>-</i>	<i>28.257</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>28.257</i>
Logistics Cost																		
Non Recurring Cost																		
Logistics Development	-	-	-	-	-	2.000	-	-	-	-	-	3.531	-	-	-	-	-	3.531
<i>Subtotal: Non Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2.000</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3.531</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3.531</i>
<i>Subtotal: Logistics Cost</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2.000</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3.531</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3.531</i>
Support - Engineering Change Proposals Cost																		
Engineering Change Proposals	-	-	0.079	-	-	0.975	-	-	1.303	-	-	0.099	-	-	-	-	-	0.099
<i>Subtotal: Support - Engineering Change Proposals Cost</i>	<i>-</i>	<i>-</i>	<i>0.079</i>	<i>-</i>	<i>-</i>	<i>0.975</i>	<i>-</i>	<i>-</i>	<i>1.303</i>	<i>-</i>	<i>-</i>	<i>0.099</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.099</i>
Support - Fielding Cost																		
Fielding	-	-	0.049	-	-	3.092	-	-	4.977	-	-	1.822	-	-	-	-	-	1.822
<i>Subtotal: Support - Fielding Cost</i>	<i>-</i>	<i>-</i>	<i>0.049</i>	<i>-</i>	<i>-</i>	<i>3.092</i>	<i>-</i>	<i>-</i>	<i>4.977</i>	<i>-</i>	<i>-</i>	<i>1.822</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>1.822</i>

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Exhibit P-5, Cost Analysis: PB 2020 Army												Date: March 2019					
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 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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	-	-	1.355	-	-	1.620	-	-	2.655	-	-	1.010	-	-	-	-	-	1.010
Contractor Management	-	-	0.136	-	-	3.010	-	-	1.494	-	-	2.319	-	-	-	-	-	2.319
<i>Subtotal: Support - Program Management Cost</i>	-	-	1.491	-	-	4.630	-	-	4.149	-	-	3.329	-	-	-	-	-	3.329
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	-	-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	-	-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	-	-	-	-	-	-	0.132	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	-	-	-	-	-	-	0.132	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	408.917	12	4.907	379.028	108	40.935	406.619	105	42.695	440.929	84	37.038	-	-	-	440.929	84	37.038

Remarks:
 Logistics Development: Funding increase from FY19 to FY20 of \$3.531 million is due to the logistic developments costs for the competitive Army production contract award.
 Contractor Management: Funding increase from FY19 to FY20 of \$.865 million is due to the initiation of competitive Army production contract award.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	108	105	84	-	84
	Total Obligation Authority	40.935	42.695	37.038	-	37.038
Total:	Quantity	108	105	84	-	84
Secondary Distribution	Total Obligation Authority	40.935	42.695	37.038	-	37.038

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019				
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) ^(†)		2018	GD-OTS / St. Petersburg, FL	C / FFP	SOCOM Tampa, FL	May 2018	Aug 2018	108	266.000	Y		Aug 2017
Ground Mobility Vehicles (GMV) ^(†)		2019	GD-OTS / St. Petersburg, FL	C / FFP	SOCOM Tampa, FL	Nov 2018	Feb 2019	105	303.962	Y		Aug 2017
Ground Mobility Vehicles (GMV) ^(†)		2020	TBD / TBD	Various	Warren, MI	Mar 2020	Aug 2020	84	336.393	N		Apr 2019

^(†) indicates the presence of a P-21

Remarks:
FY2020: 69 GMV1.1 SOCOM Vehicles, and 15 Infantry Squad Vehicle (ISV).

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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															B A L A N C E		
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)																																					
Prior Years Deliveries: 12																																					
1	2018	ARMY		108	0	108											A -	-	-	15	15	15	15	15	15	15	15	3						0			
1	2019	ARMY		105	0	105												A -	-	-						8	8	8	9	9	9	9	9	9		36	
2	2020	ARMY		84	0	84																													84		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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														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						
Ground Mobility Vehicles (GMV)																																				
Prior Years Deliveries: 12																																				
	1	2018	ARMY	108	108	0																													0	
	1	2019	ARMY	105	69	36	9	9	9	9																									0	
	2	2020	ARMY	84	0	84																													0	

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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 2020	1-8-5 For 2020	MAX For 2020	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	5	15	45	20	8	3	11	0	2	3	5
2	TBD - TBD	5	15	45	0	6	5	11	0	2	5	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.
 Competitive contract award is to be determined, since production rates are unknown GD-OTS production rates were utilized. This will be updated once the new manufacturer is 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).

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	587	1,123	-	-	-	-	-	-	-	-	-	1,710
Gross/Weapon System Cost (<i>\$ in Millions</i>)	619.868	220.000	100.000	-	-	-	-	-	-	-	-	939.868
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	619.868	220.000	100.000	-	-	-	-	-	-	-	-	939.868
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	619.868	220.000	100.000	-	-	-	-	-	-	-	-	939.868

(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>)	1,055.993	195.904	-	-	-	-	-	-	-	-	-	549.630

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	1,123	-	-	-	-	-	-	-	-
	Total Obligation Authority	220.000	100.000	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	1,123	-	-	-	-	-	-	-	-
	Total Obligation Authority	220.000	100.000	-	-	-	-	-	-	-

Justification:

There are no FY 2020 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."

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army		Date: March 2019
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		

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	2,453	2,176	3,393	2,530	-	2,530	2,601	2,733	2,692	2,675	-	21,253
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,002.040	834.440	1,279.437	996.007	-	996.007	1,096.958	1,096.862	1,096.787	1,096.571	-	8,499.102
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,002.040	834.440	1,279.437	996.007	-	996.007	1,096.958	1,096.862	1,096.787	1,096.571	-	8,499.102
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,002.040	834.440	1,279.437	996.007	-	996.007	1,096.958	1,096.862	1,096.787	1,096.571	-	8,499.102

(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>)	408.496	383.474	377.081	393.679	-	393.679	421.745	401.340	407.425	409.933	-	399.901

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	2,176	3,393	2,018	-	2,018	2,012	2,221	1,308	2,163
	Total Obligation Authority	834.440	1,279.437	796.803	-	796.803	818.989	870.179	489.175	860.063
ANG	Quantity	-	-	512	-	512	512	512	1,024	512
	Total Obligation Authority	-	-	199.204	-	199.204	241.758	226.683	456.108	236.508
AR	Quantity	-	-	-	-	-	77	-	360	-
	Total Obligation Authority	-	-	-	-	-	36.211	-	151.504	-
Total: Secondary Distribution	Quantity	2,176	3,393	2,530	-	2,530	2,601	2,733	2,692	2,675
	Total Obligation Authority	834.440	1,279.437	996.007	-	996.007	1,096.958	1,096.862	1,096.787	1,096.571

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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		2,453 / 1,002.040	2,176 / 834.440	3,393 / 1,279.437	2,530 / 996.007	- / -	2,530 / 996.007
P-40	Total Gross/Weapon System Cost				2,453 / 1,002.040	2,176 / 834.440	3,393 / 1,279.437	2,530 / 996.007	- / -	2,530 / 996.007

*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 2020 Base procurement dollars in the amount of \$996.007 million supports a quantity of 2,530 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 2020 budget activities include kit procurement, Engineering Change Orders (ECO), program management to include a Source Selection Evaluation Board (SSEB), 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 Production Verification Testing (PVT).

The database P-40 quantities are not current for Prior Years. Procurement Quantity (Qty) Prior Year totals are: Qty: 2,801.
 FY 2025 - FY 2036 estimate to complete is \$12,204.788 million; Qty 27,498.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (<i>Units in Each</i>)	2,453	2,176	3,393	2,530	-	2,530
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,002.040	834.440	1,279.437	996.007	-	996.007
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,002.040	834.440	1,279.437	996.007	-	996.007
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,002.040	834.440	1,279.437	996.007	-	996.007

(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>)	408.496	383.474	377.081	393.679	-	393.679

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ^(†)	274.216	1,043	286.007	260.916	380	99.148	253.587	2,183	553.581	259.076	1,087	281.616	-	-	-	259.076	1,087	281.616
--Heavy Guns Carrier ^(†)	246.713	428	105.593	261.790	438	114.664	254.780	600	152.868	259.910	875	227.421	-	-	-	259.910	875	227.421
--Close Combat Weapons Carrier ^(†)	264.754	122	32.300	-	-	-	-	-	-	275.526	114	31.410	-	-	-	275.526	114	31.410
--Utility ^(†)	320.962	976	313.259	245.172	1,358	332.943	243.843	610	148.744	248.654	454	112.889	-	-	-	248.654	454	112.889
--Kits	-	-	90.683	-	-	128.912	-	-	245.321	-	-	202.900	-	-	-	-	-	202.900
<i>Subtotal: Recurring Cost</i>	-	-	827.842	-	-	675.668	-	-	1,100.514	-	-	856.236	-	-	-	-	-	856.236
<i>Subtotal: Flyaway Cost</i>	-	-	827.842	-	-	675.668	-	-	1,100.514	-	-	856.236	-	-	-	-	-	856.236

Support - Congressional Adjustments Cost																		
Congressional Rescission	-	-	-	-	-	24.390	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Congressional Adjustments Cost</i>	-	-	-	-	-	24.390	-	-	-	-	-	-	-	-	-	-	-	-

Support - Data Cost																		
Technical Publications	-	-	16.609	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Data Cost</i>	-	-	16.609	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Support - Engineering Change Proposals Cost																		
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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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)
Engineering Change Proposals	-	-	-	-	-	37.313	-	-	57.538	-	-	19.522	-	-	-	-	-	19.522
<i>Subtotal: Support - Engineering Change Proposals Cost</i>	-	-	-	-	-	37.313	-	-	57.538	-	-	19.522	-	-	-	-	-	19.522
Support - Fielding Cost																		
Fielding	-	-	1.568	-	-	33.608	-	-	41.284	-	-	29.438	-	-	-	-	-	29.438
<i>Subtotal: Support - Fielding Cost</i>	-	-	1.568	-	-	33.608	-	-	41.284	-	-	29.438	-	-	-	-	-	29.438
Support - Operational/Site Activation Cost																		
Contractor Technical Support	-	-	-	-	-	-	-	-	3.842	-	-	5.424	-	-	-	-	-	5.424
<i>Subtotal: Support - Operational/Site Activation Cost</i>	-	-	-	-	-	-	-	-	3.842	-	-	5.424	-	-	-	-	-	5.424
Support - Program Management Cost																		
Government Management	-	-	70.779	-	-	35.923	-	-	24.039	-	-	23.381	-	-	-	-	-	23.381
Contractor Management	-	-	31.895	-	-	1.370	-	-	5.446	-	-	5.574	-	-	-	-	-	5.574
<i>Subtotal: Support - Program Management Cost</i>	-	-	102.674	-	-	37.293	-	-	29.485	-	-	28.955	-	-	-	-	-	28.955
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	3.887	-	-	21.213	-	-	23.485	-	-	23.755	-	-	-	-	-	23.755
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	3.887	-	-	21.213	-	-	23.485	-	-	23.755	-	-	-	-	-	23.755
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	48.647	-	-	4.955	-	-	6.032	-	-	2.114	-	-	-	-	-	2.114
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	48.647	-	-	4.955	-	-	6.032	-	-	2.114	-	-	-	-	-	2.114
Support - Training Cost																		
Equipment	-	-	0.813	-	-	-	-	-	17.258	-	-	30.563	-	-	-	-	-	30.563
<i>Subtotal: Support - Training Cost</i>	-	-	0.813	-	-	-	-	-	17.258	-	-	30.563	-	-	-	-	-	30.563
Gross/Weapon System Cost	408.496	2,453	1,002.040	383.474	2,176	834.440	377.081	3,393	1,279.437	393.679	2,530	996.007	-	-	-	393.679	2,530	996.007

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Remarks:
 Kits: Funding increase from FY19 to FY20 of \$35.378 million is due the additional procurement of PM-funded GFE kits (DAGR, Roof Hatch, TOGPK 1.0, ITDS, Turret Ring and Hatch and GB-GRAM).
 TADSS: Funding increase from FY19 to FY20 of \$15.521 million is due to increase in TADSS requirements which include procurement of 16 Diagnostic Troubleshooting Trainers (DTTs) and 15 Maintenance Trainers (MTs).

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	2,176	3,393	2,018	-	2,018
	Total Obligation Authority	834.440	1,279.437	796.803	-	796.803
ANG	Quantity	-	-	512	-	512
	Total Obligation Authority	-	-	199.204	-	199.204
Total: Secondary Distribution	Quantity	2,176	3,393	2,530	-	2,530
	Total Obligation Authority	834.440	1,279.437	996.007	-	996.007

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019				
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 ^(†)		2018	Oshkosh Defense LLC - General Purpose / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2017	Oct 2018	380	260.916	Y		Feb 2014
--General Purpose ^(†)		2019	Oshkosh Defense LLC - General Purpose / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2018	Oct 2019	2,183	253.587	Y		Feb 2014
--General Purpose ^(†)		2020	Oshkosh Defense LLC - General Purpose / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2019	Oct 2020	1,087	259.076	Y		Feb 2014
--Heavy Guns Carrier ^(†)		2018	Oshkosh Defense LLC - Heavy Guns Carrier / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2017	Oct 2018	438	261.790	Y		Feb 2014
--Heavy Guns Carrier ^(†)		2019	Oshkosh Defense LLC - Heavy Guns Carrier / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2018	Oct 2019	600	254.780	Y		Feb 2014
--Heavy Guns Carrier ^(†)		2020	Oshkosh Defense LLC - Heavy Guns Carrier / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2019	Oct 2020	875	259.910	Y		Feb 2014
--Close Combat Weapons Carrier ^(†)		2020	Oshkosh Defense LLC - Close Combat Weapons Carrier / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2019	Oct 2020	114	275.526	Y		Feb 2014
--Utility ^(†)		2018	Oshkosh Defense LLC - Utility / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2017	Oct 2018	1,358	245.172	Y		Feb 2014
--Utility ^(†)		2019	Oshkosh Defense LLC - Utility / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2018	Oct 2019	610	243.843	Y		Feb 2014
--Utility ^(†)		2020	Oshkosh Defense LLC - Utility / Oshkosh, Wisconsin	C / FFP	TACOM	Dec 2019	Oct 2020	454	248.654	Y		Feb 2014

^(†) indicates the presence of a P-21

Remarks:

MSR is 48 per year.

1-8-5 is 2,784 per year.

Max quantity is 11,280 per year.

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.

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Exhibit P-21, Production Schedule: PB 2020 Army			Date: March 2019
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 <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	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					
--General Purpose																																			
Prior Years Deliveries: 1043																																			
1	2018	ARMY		380	0	380			A -	-	-	-	-	-	-	-	-	-	31	31	31	31	32	32	32	32	32	32	32	32	0				
1	2018	NAVY (+)		184	0	184			A -	-	-	-	-	-	-	-	-	-	15	15	15	15	15	15	15	15	16	16	16	16	0				
1	2018	Total		564	0	564			-	-	-	-	-	-	-	-	-	-	46	46	46	46	47	47	47	47	48	48	48	48	0				
1	2019	ARMY		2,183	0	2,183																									2,183				
1	2019	NAVY (+)		385	0	385																									385				
1	2019	Total		2,568	0	2,568																									2,568				
1	2020	ARMY		1,087	0	1,087																									1,087				
1	2020	NAVY (+)		444	0	444																									444				
1	2020	Total		1,531	0	1,531																									1,531				
--Heavy Guns Carrier																																			
Prior Years Deliveries: 428																																			
2	2018	ARMY		438	0	438			A -	-	-	-	-	-	-	-	-	-	36	36	36	36	36	36	37	37	37	37	37	37	0				
2	2018	NAVY (+)		92	0	92			A -	-	-	-	-	-	-	-	-	-	7	7	7	7	8	8	8	8	8	8	8	8	0				
2	2018	Total		530	0	530			-	-	-	-	-	-	-	-	-	-	43	43	43	43	44	44	45	45	45	45	45	45	0				
2	2019	ARMY		600	0	600																									600				
2	2019	NAVY (+)		532	0	532																									532				
2	2019	Total		1,132	0	1,132																									1,132				
2	2020	ARMY		875	0	875																									875				
2	2020	NAVY (+)		765	0	765																									765				
2	2020	Total		1,640	0	1,640																									1,640				
--Close Combat Weapons Carrier																																			
Prior Years Deliveries: 122																																			
3	2020	ARMY		114	0	114																									114				
3	2020	NAVY (+)		14	0	14																									14				
3	2020	Total		128	0	128																									128				
--Utility																																			
Prior Years Deliveries: 976																																			
4	2018	ARMY		1,358	0	1,358			A -	-	-	-	-	-	-	-	-	-	113	113	113	113	113	113	113	113	113	113	113	114	114	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			

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Exhibit P-21, Production Schedule: PB 2020 Army			Date: March 2019							
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 2018											Fiscal Year 2019											BALANCE								
O C O	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					
	4	2018	NAVY (‡)	195	0	195				A	-	-	-	-	-	-	-	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	0
	4	2018 Total		1,553	0	1,553				-	-	-	-	-	-	-	-	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129	130	131	131	0
	4	2019	ARMY	610	0	610																													610	
	4	2019	NAVY (‡)	525	0	525																														525
	4	2019 Total		1,135	0	1,135																														1,135
	4	2020	ARMY	454	0	454																														454
	4	2020	NAVY (‡)	175	0	175																														175
	4	2020 Total		629	0	629																														629

O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019									
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 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					
--General Purpose																																			
Prior Years Deliveries: 1043																																			
1	2018	ARMY	380	380	0																														0
1	2018	NAVY (+)	184	184	0																														0
1	2018	Total	564	564	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
1	2019	ARMY	2,183	0	2,183	181	182	182	182	182	182	182	182	182	182	182																			0
1	2019	NAVY (+)	385	0	385	32	32	32	32	32	32	32	32	32	32	33																			0
1	2019	Total	2,568	0	2,568	213	214	214	214	214	214	214	214	214	214	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
1	2020	ARMY	1,087	0	1,087			A -	-	-	-	-	-	-	-	-	90	90	90	90	90	91	91	91	91	91	91	91	91	91	91	91	91	91	0
1	2020	NAVY (+)	444	0	444			A -	-	-	-	-	-	-	-	-	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	0	
1	2020	Total	1,531	0	1,531												127	127	127	127	127	128	128	128	128	128	128	128	128	128	128	128	0		
--Heavy Guns Carrier																																			
Prior Years Deliveries: 428																																			
2	2018	ARMY	438	438	0																													0	
2	2018	NAVY (+)	92	92	0																														0
2	2018	Total	530	530	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
2	2019	ARMY	600	0	600	50	50	50	50	50	50	50	50	50	50	50																			0
2	2019	NAVY (+)	532	0	532	44	44	44	44	44	44	44	44	45	45	45	45																		0
2	2019	Total	1,132	0	1,132	94	94	94	94	94	94	94	94	95	95	95	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
2	2020	ARMY	875	0	875			A -	-	-	-	-	-	-	-	-	72	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	0
2	2020	NAVY (+)	765	0	765			A -	-	-	-	-	-	-	-	-	63	63	63	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	0
2	2020	Total	1,640	0	1,640												135	136	136	137	137	137	137	137	137	137	137	137	137	137	137	137	137	0	
--Close Combat Weapons Carrier																																			
Prior Years Deliveries: 122																																			
3	2020	ARMY	114	0	114			A -	-	-	-	-	-	-	-	-	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	0	
3	2020	NAVY (+)	14	0	14			A -	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
3	2020	Total	128	0	128												11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	0		
--Utility																																			
Prior Years Deliveries: 976																																			
4	2018	ARMY	1,358	1,358	0																														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						

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Exhibit P-21, Production Schedule: PB 2020 Army																Date: March 2019															
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 <i>(Units in Each)</i>						Fiscal Year 2020											Fiscal Year 2021											B A L A N C E						
O C C #	M F R #	F Y	S E R V I C E	P R O C Q T Y	A C C E P T P R I O R T O 1 O C T 2 0 1 9	B A L D U E A S O F 1 O C T	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			
4		2018	NAVY (‡)	195	195	0																												0
4		2018	Total	1,553	1,553	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
4		2019	ARMY	610	0	610	50	50	51	51	51	51	51	51	51	51																0		
4		2019	NAVY (‡)	525	0	525	43	43	43	44	44	44	44	44	44	44																0		
4		2019	Total	1,135	0	1,135	93	93	94	95	95	95	95	95	95	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
4		2020	ARMY	454	0	454			A -	-	-	-	-	-	-	-	-	37	37	38	38	38	38	38	38	38	38	38	38	38	0			
4		2020	NAVY (‡)	175	0	175			A -	-	-	-	-	-	-	-	-	14	14	14	14	14	15	15	15	15	15	15	15	15	0			
4		2020	Total	629	0	629			-	-	-	-	-	-	-	-	-	51	51	52	52	52	53	53	53	53	53	53	53	53	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				

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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 2020	1-8-5 For 2020	MAX For 2020	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 - General Purpose - Oshkosh, Wisconsin	12	696	2,820	0	10	10	20	0	3	10	13
2	Oshkosh Defense LLC - Heavy Guns Carrier - Oshkosh, Wisconsin	12	696	2,820	0	10	10	20	0	3	10	13
3	Oshkosh Defense LLC - Close Combat Weapons Carrier - Oshkosh, Wisconsin	12	696	2,820	0	10	10	20	0	3	10	13
4	Oshkosh Defense LLC - Utility - Oshkosh, Wisconsin	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).

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	5	-	-	14	-	14	29	29	-	-	-	77
Gross/Weapon System Cost (<i>\$ in Millions</i>)	49.585	1.083	5.061	10.838	-	10.838	14.339	15.060	-	-	-	95.966
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	49.585	1.083	5.061	10.838	-	10.838	14.339	15.060	-	-	-	95.966
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	49.585	1.083	5.061	10.838	-	10.838	14.339	15.060	-	-	-	95.966

(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>)	9,917.000	-	-	774.143	-	774.143	494.448	519.310	-	-	-	1,246.312

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 is designed to operate with or without armor. The HDT supports construction and maintenance of main supply routes, logistical facilities, helipads, airfield, landing strips, motor pools and parking areas. It 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 1,252 vehicles.

Secondary Distribution	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army									
Quantity	-	-	4	-	4	8	15	-	-
Total Obligation Authority	1.083	1.687	2.838	-	2.838	4.600	7.927	-	-
ANG									
Quantity	-	-	5	-	5	10	9	-	-
Total Obligation Authority	-	2.767	3.613	-	3.613	4.427	4.652	-	-
AR									
Quantity	-	-	5	-	5	11	5	-	-
Total Obligation Authority	-	0.607	4.387	-	4.387	5.312	2.481	-	-
Total: Secondary Distribution									
Quantity	-	-	14	-	14	29	29	-	-
Total Obligation Authority	1.083	5.061	10.838	-	10.838	14.339	15.060	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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		5 / 49.585	- / 1.083	- / 5.061	14 / 10.838	- / -	14 / 10.838
P-40	Total Gross/Weapon System Cost				5 / 49.585	- / 1.083	- / 5.061	14 / 10.838	- / -	14 / 10.838

*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 2020 Base procurement dollars in the amount of \$10.838 million supports the procurement of 14 Heavy Dump Trucks (HDTs). This funding is necessary to develop the Technical Manuals and logistics products that support test requirements and conduct Reliability, Availability, Maintainability (RAM) Testing; Performance Testing; and Operational Testing. The current fleet of HDTs is well beyond their economic useful life with an average age of 25 years and the older models of the vehicle are nearly 50 years old. Repair parts are difficult to obtain and the current HDTs are not fully mission capable. Procuring new HDTs will enable Combat Support Engineer units to accomplish Combatant Commander mission requirements in today's operational environment and the operational environment of the future. This program supports the Army's modernization priorities in support of the National Defense Strategy.

The Gross/Weapon System Unit Cost fluctuation in cost is due to non-recurring items including Documentation and Testing events.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	5	-	-	14	-	14
Gross/Weapon System Cost (\$ in Millions)	49.585	1.083	5.061	10.838	-	10.838
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	49.585	1.083	5.061	10.838	-	10.838
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	49.585	1.083	5.061	10.838	-	10.838

(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)	9,917.000	-	-	774.143	-	774.143

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ^(†)	6,904.200	5	34.521	-	-	-	-	-	-	332.000	14	4.648	-	-	-	332.000	14	4.648
FRET	-	-	0.151	-	-	-	-	-	-	-	-	0.351	-	-	-	-	-	0.351
Engineering Changes	-	-	0.166	-	-	-	-	-	0.062	-	-	0.142	-	-	-	-	-	0.142
Matrix Functional Support	-	-	5.572	-	-	0.324	-	-	0.400	-	-	0.450	-	-	-	-	-	0.450
Test	-	-	9.141	-	-	0.045	-	-	2.695	-	-	2.453	-	-	-	-	-	2.453
Documentation	-	-	-	-	-	0.693	-	-	1.801	-	-	2.340	-	-	-	-	-	2.340
Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.082	-	-	-	-	-	0.082
Fielding	-	-	0.016	-	-	-	-	-	0.055	-	-	0.155	-	-	-	-	-	0.155
FDT	-	-	0.018	-	-	0.021	-	-	0.048	-	-	0.217	-	-	-	-	-	0.217
<i>Subtotal: Recurring Cost</i>	-	-	49.585	-	-	1.083	-	-	5.061	-	-	10.838	-	-	-	-	-	10.838
<i>Subtotal: Flyaway Cost</i>	-	-	49.585	-	-	1.083	-	-	5.061	-	-	10.838	-	-	-	-	-	10.838
Gross/Weapon System Cost	9,917.000	5	49.585	-	-	1.083	-	-	5.061	774.143	14	10.838	-	-	-	774.143	14	10.838

Remarks:

Unit Price: FY19 was done prior to contract award and is based on an estimate. FY20 is based on the awarded contract cost.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	-	-	4	-	4

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Exhibit P-5, Cost Analysis: PB 2020 Army **Date:** March 2019

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

		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Secondary Distribution						
	Total Obligation Authority	1.083	1.687	2.838	-	2.838
ANG	Quantity	-	-	5	-	5
	Total Obligation Authority	-	2.767	3.613	-	3.613
AR	Quantity	-	-	5	-	5
	Total Obligation Authority	-	0.607	4.387	-	4.387
Total:	Quantity	-	-	14	-	14
Secondary Distribution	Total Obligation Authority	1.083	5.061	10.838	-	10.838

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army **Date:** March 2019

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)
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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		2020	Mack Defense, LLC / Allentown, PA	Option / IDIQ	TACOM, Warren, MI	May 2020	Nov 2020	14	332.000	N		

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,675	753	382	142	-	142	152	232	72	67	-	3,475
Gross/Weapon System Cost (<i>\$ in Millions</i>)	16,108.283	232.750	123.464	72.057	-	72.057	80.153	91.227	40.567	39.678	-	16,788.179
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	16,108.283	232.750	123.464	72.057	-	72.057	80.153	91.227	40.567	39.678	-	16,788.179
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	16,108.283	232.750	123.464	72.057	-	72.057	80.153	91.227	40.567	39.678	-	16,788.179

(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>)	9,616.885	309.097	323.204	507.444	-	507.444	527.322	393.220	563.431	592.209	-	4,831.131

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. FMTV performs over 55% of the Army's local, line haul, and unit resupply missions in combat, combat support, and combat service support units. The family consists of two main chassis, the Light Medium Tactical Vehicle (LMTV) and the Medium Tactical Vehicle (MTV). The LMTV has a 2-1/2-ton capacity consisting of cargo and van models. The MTV has a 5-ton capacity, consisting of cargo, tractor, van, wrecker, load handling system, and dump truck models. Variants of both the LMTV and MTV, provide air drop capability for contingency and rapid deployment operations. Commonality between variants significantly reduces operation and maintenance costs. Extended applications of the FMTV include support to other Army requirements such as: Integrated Air& MSL Defense (IAMS); Patriot; Warfighter Information Network - Tactical (WIN-T); Aviation Ground Support Equipment (AGSE); High Mobility Artillery Rocket System (HIMARS); CAMEL II Unit Water Pod System; Medium Extended Air Defense System (MEADS); Terminal High Altitude Area Defense (THAAD); and EQ-36 Fire Finder Radar.

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.

FMTV trailers (LMTV & MTV) have the same payload as the LMTV/ MTV trucks.

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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

D13500 - The Light Medium Tactical Vehicle (LMTV) family includes three trucks with 2-1/2 ton capacity. The M1078 2-1/2 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 2-1/2 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 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 Expansible 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 lbs. 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 primarily designed for construction missions, but also has the capability to transport troops and cargo. 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. The M1090 5-ton Dump Truck is designed to transport construction material in support of combat engineer road and bridge projects. The M1090 has a 5 cubic yard, 10,000 pound payload capacity. The dump bed can be equipped with an optional bench seat for troop transport. The system can be equipped with or without a self-recovery winch kit capable of fore and aft vehicle recovery. The M1094 5-ton Dump Truck is designed to be loaded on and dropped from a C130 aircraft into remote areas where landing strips are not available. The vehicle can transport dirt, rock, gravel, etc. in support of road construction missions. The M1094 has a 5 cubic yard, 10,000 pound payload capacity. The dump bed can be equipped with an optional bench seat it for troop transport. The system can be equipped with or without a self-recovery winch kit capable of fore and aft vehicle.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	359	212	68	-	68	74	113	34	31
	Total Obligation Authority	108.370	68.507	34.971	-	34.971	38.900	44.275	19.688	19.256
ANG	Quantity	230	83	45	-	45	48	74	22	22

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
	Total Obligation Authority	67.855	26.868	22.943	-	22.943	25.520	29.046	12.917	12.633
AR	Quantity	164	87	29	-	29	30	45	16	14
	Total Obligation Authority	56.525	28.089	14.143	-	14.143	15.733	17.906	7.962	7.789
Total:	Quantity	753	382	142	-	142	152	232	72	67
Secondary Distribution	Total Obligation Authority	232.750	123.464	72.057	-	72.057	80.153	91.227	40.567	39.678

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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	- / -	- / -	- / -
P-5	D04500 / MTV TRAILER	P-5a			- / 1,046.691	- / -	6 / 5.994	- / -	- / -	- / -
P-5	D13500 / LIGHT MEDIUM TACT VEHICLE FAMILY (4X4)	P-5a, P-21			343 / 5,046.217	650 / 186.742	188 / 52.018	44 / 21.369	- / -	44 / 21.369
P-5	D14500 / MEDIUM TACT VEHICLE FAMILY (6X6)	P-5a, P-21			1,332 / 8,832.437	103 / 46.008	188 / 64.115	98 / 50.688	- / -	98 / 50.688
P-40	Total Gross/Weapon System Cost				1,675 / 16,108.283	753 / 232.750	382 / 123.464	142 / 72.057	- / -	142 / 72.057

*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 2020 Base Procurement dollars in the amount of \$72.057 million supports a quantity of 142 various Armor Capable Medium Tactical Vehicle Trucks and Trailers. The various Medium Tactical Vehicles fill the 5-ton truck, 2-1/2 ton truck, and the 5-ton trailer requirements 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 2020 OCO Procurement dollars.

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

LIGHT MEDIUM TACTICAL VEHICLE TRAILER D03500
 There are no FY 2020 Base Procurement funding requirements for this program.
 There are no FY 2020 OCO Procurement funding requirements for this program.

MEDIUM TACTICAL VEHICLE TRAILER D04500
 There are no FY 2020 Base Procurement funding requirements for this program.
 There are no FY 2020 OCO Procurement funding requirements for this program.

LIGHT MEDIUM TACTICAL VEHICLE FAMILY D13500
 FY 2020 Base Procurement dollars in the amount of \$21.369 million supports a quantity of 44 various Light Medium Tactical Vehicle (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 2020 OCO Procurement funding requirements for this program.

MEDIUM TACTICAL VEHICLE FAMILY D14500
 FY 2020 Base Procurement dollars in the amount of \$50.688 million supports a quantity of 98 various Medium Tactical Vehicle (MTV) armor capable trucks to 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.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2020 Army		Date: March 2019
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		

There are no FY 2020 OCO Procurement funding requirements for this program.

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.

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 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,182.938	-	1.337	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,182.938	-	1.337	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,182.938	-	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)	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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(f)	25.523	1,939	49.489	-	-	-	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>Subtotal: Flyaway Cost</i>	-	-	<i>1,182.938</i>	-	-	-	-	-	<i>1.337</i>	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	1,182.938	-	-	-	-	-	1.337	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	1.337	-	-	-
Total:	Quantity	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2020 Army			Date: March 2019			
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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Secondary Distribution	Total Obligation Authority	-	1.337	-	-	-

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army **Date:** March 2019

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
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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	Oshkosh Corp / Oshkosh	SS / FFP	TACOM, Warren, MI	Jul 2019	May 2020	35	38.200	N		

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	6	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,046.691	-	5.994	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,046.691	-	5.994	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,046.691	-	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>)	-	-	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 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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	-	-	-	-	-	-	-	-	-
Kits	-	-	5.474	-	-	-	-	-	0.401	-	-	-	-	-	-	-	-	-
Recurring Engineering (STS)	-	-	23.665	-	-	-	-	-	0.447	-	-	-	-	-	-	-	-	-
Quality Assurance	-	-	1.705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	7.158	-	-	-	-	-	0.510	-	-	-	-	-	-	-	-	-
Program Management	-	-	17.826	-	-	-	-	-	1.325	-	-	-	-	-	-	-	-	-
Testing	-	-	0.386	-	-	-	-	-	1.348	-	-	-	-	-	-	-	-	-
Fielding	-	-	20.599	-	-	-	-	-	0.746	-	-	-	-	-	-	-	-	-
Adjustment for Prior Year Error	-	-	897.069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Data	-	-	-	-	-	-	-	-	0.817	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,046.691</i>	-	-	-	-	-	<i>5.994</i>	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	<i>1,046.691</i>	-	-	-	-	-	<i>5.994</i>	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	1,046.691	-	-	-	999.000	6	5.994	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	-	4	-	-	-
	Total Obligation Authority	-	3.296	-	-	-

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Exhibit P-5, Cost Analysis: PB 2020 Army **Date:** March 2019

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

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
ANG	Quantity	-	1	-	-	-
	Total Obligation Authority	-	1.319	-	-	-
AR	Quantity	-	1	-	-	-
	Total Obligation Authority	-	1.379	-	-	-
Total:	Quantity	-	6	-	-	-
Secondary Distribution	Total Obligation Authority	-	5.994	-	-	-

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army **Date:** March 2019

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
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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	Oshkosh Corp / Oshkosh	C / FFP	TACOM, Warren, MI	Jul 2019	May 2020	6	66.667	N		

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity <i>(Units in Each)</i>	343	650	188	44	-	44
Gross/Weapon System Cost <i>(\$ in Millions)</i>	5,046.217	186.742	52.018	21.369	-	21.369
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	5,046.217	186.742	52.018	21.369	-	21.369
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	5,046.217	186.742	52.018	21.369	-	21.369

(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>	14,712.003	287.295	276.691	485.659	-	485.659

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ^(†)	159.266	2,511	399.916	-	-	-	217.883	188	40.962	241.136	44	10.610	-	-	-	241.136	44	10.610
Kits	-	-	2.084	-	-	-	-	-	0.067	-	-	0.081	-	-	-	-	-	0.081
Recurring Engineering (STS)	-	-	6.392	-	-	-	-	-	1.494	-	-	1.263	-	-	-	-	-	1.263
Quality Assurance	-	-	0.807	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	3.149	-	-	-	-	-	0.600	-	-	0.512	-	-	-	-	-	0.512
Matrix Support	-	-	17.302	-	-	-	-	-	2.811	-	-	3.389	-	-	-	-	-	3.389
Testing	-	-	0.425	-	-	-	-	-	2.821	-	-	0.125	-	-	-	-	-	0.125
Data	-	-	-	-	-	-	-	-	2.064	-	-	2.365	-	-	-	-	-	2.365
Fielding A1P2 and Prior Variant	-	-	4,616.141	-	-	186.742	-	-	1.199	-	-	2.420	-	-	-	-	-	2.420
Fielding A2 Variant	-	-	-	-	-	-	-	-	-	-	-	0.604	-	-	-	-	-	0.604
<i>Subtotal: Recurring Cost</i>	-	-	5,046.217	-	-	186.742	-	-	52.018	-	-	21.369	-	-	-	-	-	21.369
<i>Subtotal: Flyaway Cost</i>	-	-	5,046.217	-	-	186.742	-	-	52.018	-	-	21.369	-	-	-	-	-	21.369
Gross/Weapon System Cost	14,712.003	343	5,046.217	287.295	650	186.742	276.691	188	52.018	485.659	44	21.369	-	-	-	485.659	44	21.369

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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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 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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	159.266	2,511	399.916	-	-	-	217.883	188	40.962	241.136	44	10.610	-	-	-	241.136	44	10.610
--LMTV Cargo M1078	155.923	2,221	346.306	-	-	-	217.883	188	40.962	241.136	44	10.610	-	-	-	241.136	44	10.610
--LMTV Cargo WW M1078	145.782	101	14.724	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
--LMTV Van M1079	205.751	189	38.887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity		320	104	21	21
	Total Obligation Authority		91.951	28.610	10.371	10.371
ANG	Quantity		213	41	14	14
	Total Obligation Authority		61.134	11.444	6.804	6.804
AR	Quantity		117	43	9	9
	Total Obligation Authority		33.657	11.964	4.194	4.194
Total: Secondary Distribution	Quantity		650	188	44	44
	Total Obligation Authority		186.742	52.018	21.369	21.369

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

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019				
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)				

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 ^(†)		2019	Oshkosh Corp / Oshkosh	SS / FFP	TACOM, Warren, MI	Jul 2019	May 2020	188	217.883	N		
Various Vehicles ^(†)		2020	Oshkosh Corp / Oshkosh	SS / FFP	TACOM, Warren, MI	Jun 2020	Apr 2021	44	241.136	N		

^(†) indicates the presence of a P-21

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019	
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)

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2019													Fiscal Year 2020											B A L A N C E						
O C C O	M F R #	F Y	S E R V I C E	P R O C Q T Y	A C C E P T P R I O R T O 1 O C T 2 0 1 8	B A L 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				
Various Vehicles																																			
Prior Years Deliveries: 2511																																			
1	2019	ARMY		188	0	188											A	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	16	112	
1	2020	ARMY		44	0	44																													44
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

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Exhibit P-21, Production Schedule: PB 2020 Army																							Date: March 2019										
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)													
Cost Elements <i>(Units in Each)</i>					Fiscal Year 2021													Fiscal Year 2022													B A L A N C E		
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			
Various Vehicles																																	
Prior Years Deliveries: 2511																																	
1	2019	ARMY	188	76	112	16	16	16	16	16	16	16																	0				
1	2020	ARMY	44	0	44	-	-	-	-	-	-	4	4	4	4	4	4	4	4	4	4	4	4						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				

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2020	1-8-5 For 2020	MAX For 2020	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

"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).

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (<i>Units in Each</i>)	1,332	103	188	98	-	98
Gross/Weapon System Cost (<i>\$ in Millions</i>)	8,832.437	46.008	64.115	50.688	-	50.688
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	8,832.437	46.008	64.115	50.688	-	50.688
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	8,832.437	46.008	64.115	50.688	-	50.688

(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>)	6,630.959	446.680	341.037	517.224	-	517.224

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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(†)	278.274	13,401	3,729.154	433.670	103	44.668	242.053	188	45.506	356.735	98	34.960	-	-	-	356.735	98	34.960
Kits	-	-	12.750	-	-	-	-	-	0.096	-	-	0.123	-	-	-	-	-	0.123
Recurring Engineering (STS)	-	-	63.865	-	-	-	-	-	2.152	-	-	1.922	-	-	-	-	-	1.922
Quality Assurance	-	-	8.160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRET	-	-	179.364	-	-	-	-	-	2.689	-	-	2.065	-	-	-	-	-	2.065
Engineering Changes	-	-	43.324	-	-	-	-	-	0.863	-	-	0.856	-	-	-	-	-	0.856
Matrix Support	-	-	82.695	-	-	-	-	-	4.048	-	-	2.289	-	-	-	-	-	2.289
Testing	-	-	3.615	-	-	-	-	-	4.062	-	-	0.190	-	-	-	-	-	0.190
Data	-	-	-	-	-	-	-	-	2.973	-	-	3.600	-	-	-	-	-	3.600
Fielding	-	-	4,709.509	-	-	1.340	-	-	1.726	-	-	3.746	-	-	-	-	-	3.746
Fielding A2 Variant	-	-	-	-	-	-	-	-	-	-	-	0.937	-	-	-	-	-	0.937
<i>Subtotal: Recurring Cost</i>	-	-	<i>8,832.432</i>	-	-	<i>46.008</i>	-	-	<i>64.115</i>	-	-	<i>50.688</i>	-	-	-	-	-	<i>50.688</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>8,832.432</i>	-	-	<i>46.008</i>	-	-	<i>64.115</i>	-	-	<i>50.688</i>	-	-	-	-	-	<i>50.688</i>
Gross/Weapon System Cost	6,630.959	1,332	8,832.437	446.680	103	46.008	341.037	188	64.115	517.224	98	50.688	-	-	-	517.224	98	50.688

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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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 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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	278.274	13,401	3,729.154	433.670	103	44.668	242.053	188	45.506	356.735	98	34.960	-	-	-	356.735	98	34.960
--MTV Cargo M1083	160.615	4,705	755.695	-	-	-	302.000	17	5.134	275.150	20	5.503	-	-	-	275.150	20	5.503
--MTV Cargo w/winch M1083	158.869	887	140.917	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
--MTV Cargo MHE M1084	338.789	579	196.159	433.670	103	44.668	374.500	8	2.996	353.000	4	1.412	-	-	-	353.000	4	1.412
--MTV Cargo-Long Wheel Base (LWB) M1085	305.688	1,473	450.278	-	-	-	230.429	7	1.613	-	-	-	-	-	-	-	-	-
--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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
--MTV Tractor M1088	284.662	2,426	690.591	-	-	-	229.250	156	35.763	268.905	21	5.647	-	-	-	268.905	21	5.647
--MTV Wrecker M1089	641.788	363	232.969	-	-	-	-	-	-	511.857	14	7.166	-	-	-	511.857	14	7.166
--MTV LHS M1148	274.462	52	14.272	-	-	-	-	-	-	390.564	39	15.232	-	-	-	390.564	39	15.232
--MTV 10 Ton Dump M1157	179.123	827	148.135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
--MTV 10 Ton Dump M1157 w/winch	374.267	820	306.899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks:

Unit Cost: Increase due to additional Data and Fielding requirements for the new FMTV A2 vehicle model in FY 2020 leaving fewer funds available for vehicle quantity procurements. Also, the mix of vehicle models to be procured in FY 2020 contains more expensive variants.

Data: Increase is due to Logistics Product Development/Demonstration and Log Verification/Validation for the new FMTV A2 vehicle model in FY 2020.

Fielding: Increase is due to the addition of First Destination Transportation (FDT), Total Package Fielding (TPF) and Maintenance Technical Representatives (MTR) for the new FMTV A2 vehicles in FY 2020.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	39	104	47	-	47
	Total Obligation Authority	16.419	35.264	24.600	-	24.600
ANG	Quantity	17	41	31	-	31
	Total Obligation Authority	6.721	14.105	16.139	-	16.139

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
AR	Quantity	47	43	20	-	20
	Total Obligation Authority	22.868	14.746	9.949	-	9.949
Total:	Quantity	103	188	98	-	98
Secondary Distribution	Total Obligation Authority	46.008	64.115	50.688	-	50.688

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019					
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 ^(†)		2018	Oshkosh Corp / Oshkosh	SS / FFP	TACOM, Warren, MI	Jun 2018	Apr 2019	103	433.670	N		
Various Vehicles ^(†)		2019	Oshkosh Corp / Oshkosh	SS / FFP	TACOM, Warren, MI	Jul 2019	May 2020	188	242.053	N		
Various Vehicles ^(†)		2020	Oshkosh Corp / Oshkosh	SS / FFP	Tacom, Warren, MI	Jun 2020	Apr 2021	98	356.735	N		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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 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
Various Vehicles																															
Prior Years Deliveries: 13401																															
1	2018	ARMY	103	49	54	9	9	9	9	9	9																	0			
1	2018	FMS (†)	20	16	4	1	1	1	1	-	-																	0			
1	2018	OTH (†)	85	42	43	7	7	7	7	7	8																	0			
1	2018	Total	208	107	101	17	17	17	17	16	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
1	2019	ARMY	188	0	188	-	-	-	-	-	-	-	15	15	15	15	16	16	16	16	16	16	16	16				0			
1	2020	ARMY	98	0	98									A	-	-	-	-	-	-	-	-	8	8	8	8	8	8	50		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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 2020	1-8-5 For 2020	MAX For 2020	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

(‡) 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).

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	18	37	33	56	-	56	60	61	61	59	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	167.772	19.404	14.842	28.048	-	28.048	30.547	31.144	30.749	30.623	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	167.772	19.404	14.842	28.048	-	28.048	30.547	31.144	30.749	30.623	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	167.772	19.404	14.842	28.048	-	28.048	30.547	31.144	30.749	30.623	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>)	9,320.667	524.432	449.758	500.857	-	500.857	509.117	510.557	504.082	519.034	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, Mobile Water Supply fire trucks, and Emergency Response Vehicles (ERV). 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. Additionally, the ERV provides command and control capabilities in support of civil authorities and homeland defense missions. 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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	
Army	37	33	54	-	54	58	59	59	57	
	Total Obligation Authority	19.404	14.842	27.178	-	27.178	29.673	30.266	29.867	29.739
ANG	-	-	2	-	2	2	2	2	2	
	Total Obligation Authority	-	-	0.870	-	0.874	0.878	0.882	0.884	
Total:	37	33	56	-	56	60	61	61	59	
Secondary Distribution	Total Obligation Authority	19.404	14.842	28.048	-	28.048	30.547	31.144	30.749	30.623

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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 / 167.772	37 / 19.404	33 / 14.842	56 / 28.048	- / -	56 / 28.048
P-40	Total Gross/Weapon System Cost				18 / 167.772	37 / 19.404	33 / 14.842	56 / 28.048	- / -	56 / 28.048

*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 2020 Base procurement dollars in the amount of \$28.048 million supports Army installations and units with fire fighting protection and emergency response capability. A total of 56 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, Search and Rescue Trucks, and Emergency Response Vehicles. 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.

The increase in funding for FY2020 is attributable to plans for replacing over-aged fire trucks sooner. An accelerated replacement schedule will help to reduce maintenance costs and improve the readiness of the Army's Fire & Emergency Services. Furthermore, the FY2020 funding increase includes new requirements to procure Emergency Response Vehicles for US Army North and a Search and Rescue truck for the Military District of Washington.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army											Date: March 2019						
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 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total			
Procurement Quantity (Units in Each)				18		37		33		56		-		56			
Gross/Weapon System Cost (\$ in Millions)				167.772		19.404		14.842		28.048		-		28.048			
Less PY Advance Procurement (\$ in Millions)				-		-		-		-		-		-			
Net Procurement (P-1) (\$ in Millions)				167.772		19.404		14.842		28.048		-		28.048			
Plus CY Advance Procurement (\$ in Millions)				-		-		-		-		-		-			
Total Obligation Authority (\$ in Millions)				167.772		19.404		14.842		28.048		-		28.048			
<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)				9,320.667		524.432		449.758		500.857		-		500.857			

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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	904.000	1	0.904	-	-	-	908.000	1	0.908	-	-	-	908.000	1	0.908
Structural Pumper ^(†)	5,506.583	12	66.079	483.379	29	14.018	432.000	15	6.480	434.786	28	12.174	-	-	-	434.786	28	12.174
Airfield Crash Truck ^(†)	24,776.000	2	49.552	677.833	6	4.067	578.000	10	5.780	681.000	9	6.129	-	-	-	681.000	9	6.129
Mobile Water Supply Truck ^(†)	10,212.000	1	10.212	415.000	1	0.415	322.750	8	2.582	325.000	7	2.275	-	-	-	325.000	7	2.275
Brush Pumper ^(†)	6,421.000	1	6.421	-	-	-	-	-	-	325.000	3	0.975	-	-	-	325.000	3	0.975
HAZMAT/Rescue Truck ^(†)	8,412.000	1	8.412	-	-	-	-	-	-	256.000	2	0.512	-	-	-	256.000	2	0.512
Emergency Response Vehicle ^(†)	-	-	-	-	-	-	-	-	-	815.000	5	4.075	-	-	-	815.000	5	4.075
Search and Rescue Truck ^(†)	-	-	-	-	-	-	-	-	-	1,000.000	1	1.000	-	-	-	1,000.000	1	1.000
<i>Subtotal: Recurring Cost</i>	-	-	167.772	-	-	19.404	-	-	14.842	-	-	28.048	-	-	-	-	-	28.048
<i>Subtotal: Flyaway Cost</i>	-	-	167.772	-	-	19.404	-	-	14.842	-	-	28.048	-	-	-	-	-	28.048
Gross/Weapon System Cost	9,320.667	18	167.772	524.432	37	19.404	449.758	33	14.842	500.857	56	28.048	-	-	-	500.857	56	28.048

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	37	33	54	-	54
	Total Obligation Authority	19.404	14.842	27.178	-	27.178
ANG	Quantity	-	-	2	-	2
	Total Obligation Authority	-	-	0.870	-	0.870
Total: Secondary Distribution	Quantity	37	33	56	-	56
	Total Obligation Authority	19.404	14.842	28.048	-	28.048

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019				
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	Mar 2019	Feb 2020	1	904.000	N		
Ladder Truck		2020	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2020	Apr 2021	1	908.000	N		
Structural Pumper ^(†)		2018	Multiple / Multiple	C / FP	DLA, Philadelphia, PA	May 2018	Feb 2019	29	483.379	Y		
Structural Pumper ^(†)		2019	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2019	Mar 2020	15	432.000	N		
Structural Pumper ^(†)		2020	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2020	Mar 2021	28	434.786	N		
Airfield Crash Truck ^(†)		2018	TBD / TBD	C / FP	DLA, Philadelphia, PA	Mar 2019	Jan 2020	6	677.833	N		
Airfield Crash Truck ^(†)		2019	TBD / TBD	C / FP	DLA, Philadelphia, PA	Apr 2019	Feb 2020	10	578.000	N		
Airfield Crash Truck ^(†)		2020	TBD / TBD	C / FP	DLA, Philadelphia, PA	Apr 2020	Feb 2021	9	681.000	N		
Mobile Water Supply Truck		2018	Futurebud International Co. / Japan	C / FP	Naval Facilities Far East, Japan	Sep 2018	Aug 2019	1	415.000	Y		
Mobile Water Supply Truck		2019	TBD / TBD	C / FP	DLA, Philadelphia, PA	Jun 2019	Mar 2020	8	322.750	N		
Mobile Water Supply Truck		2020	TBD / TBD	C / FP	DLA, Philadelphia, PA	Jun 2020	Mar 2021	7	325.000	N		
Brush Pumper		2020	TBD / TBD	C / FP	DLA, Philadelphia, PA	May 2020	Dec 2020	3	325.000	N		
HAZMAT/Rescue Truck		2020	TBD / TBD	C / FP	DLA, Philadelphia, PA	Jun 2020	Feb 2021	2	256.000	N		
Emergency Response Vehicle		2020	TBD / TBD	C / FP	GSA, Washington, DC	Jul 2020	Oct 2021	5	815.000	N		
Search and Rescue Truck		2020	TBD / TBD	C / FP	DLA, Philadelphia, PA	Jul 2020	Aug 2021	1	1,000.000	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 will be multiple contractors for FY18 Structural Pumper fire trucks. A contract was awarded to Rosenbauer Deutschland GMBH (Germany) for a quantity two, in May 2018. A second contract was awarded to Rosenbauer for a quantity six, in September 2018. A third contract was awarded to Futurebud International Co. (Japan), in September 2018, for a quantity of one. A final contract award is expected by the Defense Logistics Agency for a quantity of 20, by March 2019.

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Exhibit P-21, Production Schedule: PB 2020 Army												Date: March 2019											
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 2018												Fiscal Year 2019												B A L A N C E	
O C C O	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

Structural Pumper																																																																														
Prior Years Deliveries: 12																																																																														
2	2018	ARMY	29	0	29													A -	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	3	3	1	20																																						
1	2019	ARMY	15	0	15																									A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15																														
1	2020	ARMY	28	0	28																																																																									28

Airfield Crash Truck																																																																														
Prior Years Deliveries: 2																																																																														
3	2018	ARMY	6	0	6																									A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6																															
3	2019	ARMY	10	0	10																																					A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10																			
3	2020	ARMY	9	0	9																																																																									9

O C C O	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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 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
Structural Pumper																															
Prior Years Deliveries: 12																															
	2	2018	ARMY	29	9	20	-	-	-	7	8	5																0			
	1	2019	ARMY	15	0	15	-	-	-	-	-	5	6	4														0			
	1	2020	ARMY	28	0	28							A -	-	-	-	-	-	-	-	-	6	7	8	7			0			
Airfield Crash Truck																															
Prior Years Deliveries: 2																															
	3	2018	ARMY	6	0	6	-	-	-	3	3																0				
	3	2019	ARMY	10	0	10	-	-	-	-	4	6															0				
	3	2020	ARMY	9	0	9							A -	-	-	-	-	-	-	-	3	4	2				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	

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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 2020	1-8-5 For 2020	MAX For 2020	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
3	TBD - TBD	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).

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	423	714	752	95	1	96	78	-	-	-	-	2,063
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,334.773	110.195	160.897	9.969	26.917	36.886	80.903	-	-	-	-	3,723.654
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	3,334.773	110.195	160.897	9.969	26.917	36.886	80.903	-	-	-	-	3,723.654
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,334.773	110.195	160.897	9.969	26.917	36.886	80.903	-	-	-	-	3,723.654

(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>)	7,883.624	154.335	213.959	104.937	26,917.000	384.229	1,037.218	-	-	-	-	1,804.970

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). 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.

D16202: The HEMTT M978A4 model is an 11.5 ton capacity, 8 wheel drive, 2500 gallon fuel transporter for field refueling of ground vehicles and aircraft, servicing on/off road areas. The C-130 transportable HEMTT is an essential combat enabler present in all brigade Combat Team formations. The current HEMTT A4 model has improved survivability with an integrated underbody A-cab and a scalable B-kit (common to the PLS A1); an improved powertrain, suspension and electrical system and adds an anti-lock braking system, air conditioning and traction control.

D16203: The HEMTT M984A4 Wrecker provides heavy wheeled vehicle recovery crane recovery/tow/maintenance assist up to 16.5 Ton PLS and lighter wheeled vehicles. It's lift and tow system can recover disabled vehicles in two to three minutes. Vehicle is equipped with a material handling crane with 14,000 lbs. lift capacity at 9ft. (6,000 lbs. at 18 ft.); 60,000 lb. recovery winch, and an 8 ft. x 10 ft. cargo bed. The current HEMTT A4 model has improved survivability with an integrated underbody A-cab and a scalable B-kit (common to the PLS A1); an improved powertrain, suspension and electrical system and adds an anti-lock braking system, air conditioning and traction control.

D16204: The HEMTT M985A4 model is an 11.5 ton capacity, 8 wheel drive cargo truck. The M985 Cargo has an on-board material handling crane with 5,400 lbs. load capacity and is the primary transporter for the Multiple Launch Rocket System (MLRS). The C-130 transportable HEMTT is an essential combat enabler present in all Brigade Combat Team formations. The Current HEMTT A4 model has improved survivability with an integrated underbody A-cab and a scalable B-kit (common to the PLS A1); an improved powertrain, suspension and electrical system and adds an anti-lock braking system, air conditioning and traction control.

D16206: The HEMTT M983A4 model is an 11.5 ton capacity, 8 wheel drive tractor truck. The M983 LET Tractor performs as the prime mover for tactical semitrailer in forward deployed engineering units to include the M870 series. The tractor is the primary recovery vehicle for the Modular Catastrophic Recovery System (MCRS) which is designed to recover catastrophically damages Strykers and Mine-Resistant Ambush-Protected (MRAP) vehicles. The C-130 transportable HEMTT is an essential combat enabler present in al Brigade Combat Team formations. The current HEMTT A4 model has improved survivability

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army		Date: March 2019
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>with an integrated underbody A-cab and scalable B-kit (common to the PLS A1); an improved power train, suspension and electrical system and adds an anti-lock braking system, air conditioning and traction control.</p> <p>D16210: The HEMTT A4 Load Handling System (LHS) A4 model is an 11.5 ton capacity, 8 wheel drive load handling system truck. The HEMTT LHS provides NATO interoperability with standard flatrack and mission modules for delivery of general supplies, equipment and munition by employing the hydraulic lifting system that uses a large hook to lift a flat rack from the ground to the bed of the truck. The system is combatable with the PLS-Trailer capable of a 26,000 lbs. payload. The C-130 transportable HEMTT is an essential combat enabler present in all Brigade Combat Team formations. The current HEMTT A4 model has improved survivability with an integrated underbody A-cab and scalable B-kit (common to the PLS A1); an improved power train, suspension and electrical system and adds an anti-lock braking system, air conditioning and traction control.</p> <p>D16500: The PLS A1 vehicle is a 10x10 multi-drive truck with a 16.5 ton capacity. The PLS A1 incorporates a new cab that is common with the HEMTT A4. In addition, the cab has an integrated floor armor that meets the Long Term Armoring Strategy (LTAS) A-Kit requirements and allows for the LTAS B-Kit armor attachment. The PLS A1 Truck performs line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units. The PLS A1 Truck is a key enabler for both the Stryker Brigade Combat Team (SBCT) and modular force structure.</p> <p>D08900: The 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.</p> <p>D16101: 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.</p> <p>D16100: 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.</p> <p>D12389: 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.</p> <p>DV0012: 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 Council (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.</p> <p>D16505: The Virtual Clearance Training Suite (VCTS) provides individual and collective training for Counter-Improvised Explosive Device (C-IED) missions to Route Clearance Units in a virtual environment, to include convoy operations and stabilized gunnery. The suite consists of five self-contained, mobile trailers which collectively provide four Buffalo simulators (driver and TC, interrogation arm operator), four Husky simulators, four simulators which can be configured as a MMPV Type II or a Panther (Driver, TC, and Gunner), and two TALON robot simulators, as well as classroom and After Action Review space. Additionally, the VCTS can be configured to train crews individually or jointly in a variety of simulated environments.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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

D16400: The Forward Repair System (FRS), is a forward maintenance system designed to support forces in the forward battle area. The FRS is a maintenance enclosure mounted on a flatrack. The FRS increases a commander's ability to support and repair damaged combat systems in the field, significantly reducing the need for retrograding equipment. No other maintenance platforms possess adequate mobility, lift, diagnostics, welding, or a tool configuration to fulfill maintenance requirements forward on the battle field. AAO is 15.

The Army Acquisition Objective (AAO) for PLS Trailer (PLST-D08900) is 15,948, 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, and USAREUR HETS ONS (HETS DV0012) is 170.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	675	468	95	1	96	77	-	-	-
	Total Obligation Authority	106.261	135.076	9.969	26.917	36.886	80.155	-	-	-
ANG	Quantity	39	284	-	-	-	1	-	-	-
	Total Obligation Authority	3.934	25.821	-	-	-	0.748	-	-	-
Total:	Quantity	714	752	95	1	96	78	-	-	-
Secondary Distribution	Total Obligation Authority	110.195	160.897	9.969	26.917	36.886	80.903	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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			423 / 849.924	648 / 59.437	609 / 76.453	95 / 9.969	- / 16.717	95 / 26.686
P-40a	D12389 / Modular Catastrophic Recovery System		A		- / -	19 / 6.232	25 / 8.983	- / -	- / -	- / -
P-40a	D16101 / CONTAINER HANDLING UNIT (CHU) KIT		A		- / 446.197	- / -	28 / 2.455	- / -	- / -	- / -
P-5	D16400 / FORWARD REPAIR SYSTEM (FRS)	P-5a			- / 818.735	- / 7.128	- / 0.837	- / -	- / -	- / -
P-5	D16505 / Driver Training Simulator and Related Devices	P-5a, P-21	A		- / 0.530	- / -	- / -	- / -	1 / 10.200	1 / 10.200
P-5	DV0012 / HEAVY EQUIPMENT TRANSPORTER SYS	P-5a	A		- / 1,219.387	47 / 37.398	90 / 72.169	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				423 / 3,334.773	714 / 110.195	752 / 160.897	95 / 9.969	1 / 26.917	96 / 36.886

*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:

D08900: FY 2020 Base procurement dollars in the amount of \$9.969 million supports a quantity of 95 M1076 Palletized Load System (PLS) trailers. PLS trailers will fill Active Army components requirements in support of Stryker and Modular Brigade Combat Teams (BCT) activations, Patriot Units, and Combat Engineers. Funds are required to fill readiness gaps to address both capacity and capability holes which must be filled to carry out the National Defense Strategy.

D08900: FY 2020 OCO procurement dollars in the amount of \$16.717 million supports a quantity of 191 M1076 Palletized Load System (PLS) trailers. PLS trailers will fill Active Army components requirements in support of Stryker and Modular Brigade Combat Teams (BCT) activations, Patriot Units, and Combat Engineers. Funds required to fill readiness gaps to address both capacity and capability holes which must be filled to carry out the National Defense Strategy. These trailers are required in support of the Combatant Commands (COCOM) requirement for unit equipment sets to deter potential adversaries for the European Deterrence Initiative (EDI). This provisions the EDI Army Pre-positioned Stock (APS) which supports the establishment of 10 Field Artillery (FA) Battalions (BN) in Armored Brigade Combat Teams (ABCT). Procurement is necessary to outfit the pre-positioned equipment sets. There is no excess inventory or viable substitute available to support the EDI requirement. **The RFS automatic feed for FY20 OCO quantity of 0 on D08900 is incorrect and the correct quantity is 191.

D16505: FY 2020 OCO procurement dollars in the amount of \$10.200 million supports a quantity of 1 Virtual Clearance Training Suite (VCTS) to maintain proficiency (T1 Level) of Route Clearance and EOD Units deployed in support of Operation Spartan Shield (OSS) and Operation Inherent Resolve (OIR) located in Camp Buehring (Kuwait). The VCTS will also be used for partnered Counter-IED engagements in an effort to increase both capability and interoperability of partnered forces.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	423	648	609	95	-	95
Gross/Weapon System Cost (\$ in Millions)	849.924	59.437	76.453	9.969	16.717	26.686
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	849.924	59.437	76.453	9.969	16.717	26.686
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	849.924	59.437	76.453	9.969	16.717	26.686

(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)	2,009.277	91.724	125.539	104.937	-	280.905

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ⁽¹⁾	1,002.645	678	679.793	66.868	676	45.203	70.026	888	62.183	73.611	95	6.993	73.618	191	14.061	73.615	286	21.054
Trailers, PLS - FRET	-	-	31.173	-	-	5.425	-	-	6.238	-	-	0.839	-	-	1.687	-	-	2.526
Trailers, PLS - Engineering Changes	-	-	23.816	-	-	0.335	-	-	1.049	-	-	0.210	-	-	0.421	-	-	0.631
Trailer, PLS - Recurring Engineering (STS)	-	-	23.274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trailers, PLS - Matrix Functional Support	-	-	27.028	-	-	3.742	-	-	2.658	-	-	1.660	-	-	-	-	-	1.660
Trailers, PLS - Fielding	-	-	27.661	-	-	1.030	-	-	1.281	-	-	0.031	-	-	0.062	-	-	0.093
Trailers, PLS - First Destination Transportation	-	-	37.179	-	-	3.702	-	-	3.044	-	-	0.236	-	-	0.486	-	-	0.722
<i>Subtotal: Recurring Cost</i>	-	-	849.924	-	-	59.437	-	-	76.453	-	-	9.969	-	-	16.717	-	-	26.686
<i>Subtotal: Flyaway Cost</i>	-	-	849.924	-	-	59.437	-	-	76.453	-	-	9.969	-	-	16.717	-	-	26.686
Gross/Weapon System Cost	2,009.277	423	849.924	91.724	648	59.437	125.539	609	76.453	104.937	95	9.969	-	-	16.717	280.905	95	26.686

Remarks:

**The RFS automatic feed for FY20 OCO quantity of 0 on D08900 is incorrect and the correct quantity is 191.

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Exhibit P-5, Cost Analysis: PB 2020 Army **Date:** March 2019

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

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	609	325	95	-	95
	Total Obligation Authority	55.503	50.632	9.969	16.717	26.686
ANG	Quantity	39	284	-	-	-
	Total Obligation Authority	3.934	25.821	-	-	-
Total:	Quantity	648	609	95	-	95
Secondary Distribution	Total Obligation Authority	59.437	76.453	9.969	16.717	26.686

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army	Date: March 2019
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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
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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 ^(†)		2018	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, Warren, MI	Mar 2018	Nov 2018	676	66.868	Y		
Trailers, PLS 8 X 20 ^(†)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, Warren, MI	Jan 2019	Sep 2019	888	70.026	Y		
Trailers, PLS 8 X 20 ^(†)		2020	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, Warren, MI	Mar 2020	Nov 2020	286	73.615	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.

FY2019 PLS-T Unit Cost is based on OY4 pricing at ceiling.

FY2020 PLS-T Unit Cost is based on OY5 pricing at ceiling.

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Exhibit P-21, Production Schedule: PB 2020 Army **Date:** March 2019

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
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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
Trailers, PLS 8 X 20																															
Prior Years Deliveries: 678																															
	1	2018	ARMY	676	0	676																									
	1	2019	ARMY	888	0	888																									
	1	2020	ARMY	286	0	286																									
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2020 Army **Date:** March 2019

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
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020														Fiscal Year 2021														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 9	BAL D U E A S O F 1 O C T	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, PLS 8 X 20																																			
Prior Years Deliveries: 678																																			
1		2018	ARMY	676	620	56	56																						0						
1		2019	ARMY	888	74	814	74	74	74	74	74	74	74	74	74	74													0						
1		2020	ARMY	286	0	286														23	24	24	24	24	24	24	24	24	24	23					

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Exhibit P-21, Production Schedule: PB 2020 Army **Date:** March 2019

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
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022												Fiscal Year 2023												BALANCE	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022												Calendar Year 2023												
							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: 678																															
	1	2018	ARMY	676	676	0																							0		
	1	2019	ARMY	888	888	0																							0		
	1	2020	ARMY	286	263	23																							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	

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Exhibit P-21, Production Schedule: PB 2020 Army	Date: March 2019
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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
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2020	1-8-5 For 2020	MAX For 2020	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).

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2020 Army **Date:** March 2019

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 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 Items																				
D12389 / Modular Catastrophic Recovery System	A		-	-	-	328.000	19	6.232	359.320	25	8.983	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
Army				-	-		19	6.232		25	8.983		-	-		-	-		-	
D16101 / CONTAINER HANDLING UNIT (CHU) KIT	A		-	-	446.197	-	-	-	87.679	28	2.455	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
Army				-	-		-	-		28	2.455		-	-		-	-		-	
Subtotal: Various Items			-	-	446.197	-	-	6.232	-	-	11.438	-	-	-	-	-	-	-	-	
Total			-	-	446.197	-	-	6.232	-	-	11.438	-	-	-	-	-	-	-	-	

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

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Exhibit P-5, Cost Analysis: PB 2020 Army													Date: March 2019					
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 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total				
Procurement Quantity (Units in Each)				-		-		-		-		-		-				
Gross/Weapon System Cost (\$ in Millions)				818.735		7.128		0.837		-		-		-				
Less PY Advance Procurement (\$ in Millions)				-		-		-		-		-		-				
Net Procurement (P-1) (\$ in Millions)				818.735		7.128		0.837		-		-		-				
Plus CY Advance Procurement (\$ in Millions)				-		-		-		-		-		-				
Total Obligation Authority (\$ in Millions)				818.735		7.128		0.837		-		-		-				
<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)				-		-		-		-		-		-		-		
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.																		
Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ⁽¹⁾	569.353	1,412	803.926	-	-	-	71.000	9	0.639	-	-	-	-	-	-	-	-	-
FRET	-	-	0.751	-	-	-	-	-	0.077	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	5.216	-	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-
Fielding	-	-	1.722	-	-	0.095	-	-	0.011	-	-	-	-	-	-	-	-	-
First Destination Transportation	-	-	7.120	-	-	0.060	-	-	0.099	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	818.735	-	-	0.155	-	-	0.837	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	818.735	-	-	0.155	-	-	0.837	-	-	-	-	-	-	-	-	-
Hardware Cost																		
Recurring Cost																		
Forward Repair System ⁽¹⁾	-	-	-	324.250	20	6.485	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	6.485	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	6.485	-	-	-	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Government Management	-	-	-	-	-	0.322	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	0.322	-	-	-	-	-	-	-	-	-	-	-	-
Support - Quality Assurance Cost																		

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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)
Quality Assurance	-	-	-	-	-	0.083	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Quality Assurance Cost</i>	-	-	-	-	-	0.083	-	-	-	-	-	-	-	-	-	-	-	-
Support - System Engineering Cost																		
System Engineering	-	-	-	-	-	0.083	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - System Engineering Cost</i>	-	-	-	-	-	0.083	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	818.735	-	-	7.128	-	-	0.837	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	7.128	0.837	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	7.128	0.837	-	-	-

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

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2020 Army								Date: March 2019				
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, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2019	Nov 2019	9	71.000	N		
Forward Repair System		2018	Joint Manufacturing and Technology Center / Rock Island, IL	MIPR	Rock Island, IL	Oct 2018	Mar 2019	20	324.250	N		

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Exhibit P-5, Cost Analysis: PB 2020 Army											Date: March 2019							
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]: D16505 / Driver Training Simulator and Related Devices							
ID Code (A=Service Ready, B=Not Service Ready) : A											MDAP/MAIS Code:							
Resource Summary				Prior Years		FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO		FY 2020 Total	
Procurement Quantity (Units in Each)				-		-			-			-			1		1	
Gross/Weapon System Cost (\$ in Millions)				0.530		-			-			-			10.200		10.200	
Less PY Advance Procurement (\$ in Millions)				-		-			-			-			-		-	
Net Procurement (P-1) (\$ in Millions)				0.530		-			-			-			10.200		10.200	
Plus CY Advance Procurement (\$ in Millions)				-		-			-			-			-		-	
Total Obligation Authority (\$ in Millions)				0.530		-			-			-			10.200		10.200	
<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)				-		-			-			-			10,200.000		10,200.000	
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.																		
Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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																		
Non Recurring Cost																		
Virtual Clearance Training Suite (VCTS) ^(†)	-	-	0.530	-	-	-	-	-	-	-	-	-	10,000.000	1	10.000	10,000.000	1	10.000
<i>Subtotal: Non Recurring Cost</i>	-	-	0.530	-	-	-	-	-	-	-	-	0.000	-	-	10.000	-	-	10.000
<i>Subtotal: Flyaway Cost</i>	-	-	0.530	-	-	-	-	-	-	-	-	0.000	-	-	10.000	-	-	10.000
Support - Fielding Cost																		
Fielding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.200	-	-	0.200
<i>Subtotal: Support - Fielding Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	0.200	-	-	0.200
Gross/Weapon System Cost	-	-	0.530	-	-	-	-	-	-	-	-	-	10,200.000	1	10.200	10,200.000	1	10.200
Remarks:																		
Description: The Virtual Clearance Training Suite (VCTS) provides individual and collective training for Counter-Improvised Explosive Device (C-IED) missions to Route Clearance Units in a virtual environment, to include convoy operations and stabilized gunnery. The suite consists of five self-contained, mobile trailers which collectively provide four Buffalo simulators (driver and TC, interrogation arm operator), four Husky simulators, four simulators which can be configured as a MMPV Type II or a Panther (Driver, TC, and Gunner), and two TALON robot simulators, as well as classroom and After Action Review space. Additionally, the VCTS can be configured to train crews individually or jointly in a variety of simulated environments.																		
Justification:																		

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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]: D16505 / Driver Training Simulator and Related Devices

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

FY 2020 OCO procurement dollars in the amount of \$10.200 million supports a quantity of 1 Virtual Clearance Training Suite (VCTS) to maintain proficiency (T1 Level) of Route Clearance and EOD Units deployed in support of Operation Spartan Shield (OSS) and Operation Inherent Resolve (OIR) located in Camp Buehring (Kuwait). The VCTS will also be used for partnered Counter-IED engagements in an effort to increase both capability and interoperability of partnered forces.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	-	-	0	1	1
	Total Obligation Authority	-	-	0.000	10.200	10.200
Total:	Quantity	-	-	-	1	1
Secondary Distribution	Total Obligation Authority	-	-	-	10.200	10.200

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019					
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]: D16505 / Driver Training Simulator and Related Devices					
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
Virtual Clearance Training Suite (VCTS) ^(†)	✓	2020	TBD / TBD	C / FFP	PEO STRI, Orlando FL	Jan 2020	Jul 2021	1	10,000.000	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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]: D16505 / Driver Training Simulator and Related Devices									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020												Fiscal Year 2021												BALANCE	
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

Virtual Clearance Training Suite (VCTS)																																
✓	1	2020	ARMY	1	0	1				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0

O C C O	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P									

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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]: D16505 / Driver Training Simulator and Related Devices

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2020	1-8-5 For 2020	MAX For 2020	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	1	1	0	3	19	22	0	3	19	22

Remarks:
Projected Delivery for the VCTS USARCENT Requirement (to be procured by PEO STRI, PM TRADE) is 18 months after contract award which is projected for January 2020 at this time (with delivery in July 2021).

"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).

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	-	47	90	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,219.387	37.398	72.169	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,219.387	37.398	72.169	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,219.387	37.398	72.169	-	-	-

(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)	-	795.702	801.878	-	-	-

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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	385.400	50	19.270	385.392	120	46.247	-	-	-	-	-	-	-	-	-
FRET	-	-	-	-	-	8.628	-	-	-	-	-	-	-	-	-	-	-	-
Recurring Engineering (STS)	-	-	-	-	-	2.379	-	-	4.249	-	-	-	-	-	-	-	-	-
Engineering Changes (ECP)	-	-	-	-	-	0.188	-	-	1.387	-	-	-	-	-	-	-	-	-
System Engineering Program Management	-	-	-	-	-	2.893	-	-	3.824	-	-	-	-	-	-	-	-	-
Documentation	-	-	-	-	-	0.166	-	-	3.791	-	-	-	-	-	-	-	-	-
Contractor Logistic Support (CLS)	-	-	-	-	-	-	-	-	6.556	-	-	-	-	-	-	-	-	-
Fielding	-	-	-	-	-	1.862	-	-	3.039	-	-	-	-	-	-	-	-	-
First Destination Transportation	-	-	-	-	-	1.612	-	-	2.391	-	-	-	-	-	-	-	-	-
Special Tools / Support Equipment	-	-	-	-	-	-	-	-	0.685	-	-	-	-	-	-	-	-	-
Testing	-	-	-	-	-	0.400	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	1,219.387	-	-	37.398	-	-	72.169	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost	-	-	1,219.387	-	-	37.398	-	-	72.169	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	1,219.387	795.702	47	37.398	801.878	90	72.169	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	47	90	-	-	-
	Total Obligation Authority	37.398	72.169	-	-	-
Total:	Quantity	47	90	-	-	-
Secondary Distribution	Total Obligation Authority	37.398	72.169	-	-	-

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

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019				
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	Apr 2019	Dec 2019	50	385.400	N		
HETS Hardware		2019	TBD / TBD	C / FFP	TACOM	Apr 2019	Dec 2019	120	385.392	N		

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	248	94	-	8	24	32	-	-	-	-	-	374
Gross/Weapon System Cost (<i>\$ in Millions</i>)	783.616	59.729	-	6.280	16.941	23.221	15.163	-	-	-	-	881.729
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	783.616	59.729	-	6.280	16.941	23.221	15.163	-	-	-	-	881.729
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	783.616	59.729	-	6.280	16.941	23.221	15.163	-	-	-	-	881.729

(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>)	3,159.742	635.415	-	785.000	705.875	725.656	-	-	-	-	-	2,357.564

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. This program produces a like-new vehicle with a full new vehicle warranty.

The Approved Acquisition Objective for PLS trucks is 6,001.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	94	-	8	24	32	-	-	-	-
	Total Obligation Authority	59.729	-	6.280	16.941	23.221	15.163	-	-	-
Total: Secondary Distribution	Quantity	94	-	8	24	32	-	-	-	-
	Total Obligation Authority	59.729	-	6.280	16.941	23.221	15.163	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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

Exhibits Schedule					Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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	D16506 / PLS ESP	P-5a, P-21	A		248 / 783.616	94 / 59.729	- / -	8 / 6.280	24 / 16.941	32 / 23.221
P-40	Total Gross/Weapon System Cost				248 / 783.616	94 / 59.729	- / -	8 / 6.280	24 / 16.941	32 / 23.221

*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 2020 Base procurement dollars in the amount of \$6.280 million supports recapitalization of a quantity of 8 Palletized Load System (PLS) trucks in support of Direct Army and Army Prepositioned Stock (APS) requirements. PLS-ESP remanufactures and upgrades older PLS A0 vehicles to the current armor capable A1 configuration. The PLS vehicles are in need of recapitalization due to the age of the fleet as many are beyond normal repair guidelines. Maintenance Expenditure Limit (MEL) component part obsolescence is a concern as well. The PLS program is a critical enabler to support the Army's modernization priorities in support of the National Defense Strategy through movement of Soldiers, air defense & missile defenses, sensors, network, fuel, ammunition, etc. Funds are required to fill readiness gaps to address both capacity and capability holes which must be filled to carry out the National Defense Strategy.

FY 2020 OCO procurement dollars in the amount of \$16.941 million supports recapitalization of a quantity of 28 PLS trucks to the A1 configuration in support of the Combatant Command (COCOM) requirement for unit equipment sets to deter potential adversaries and support the European Deterrence Initiative (EDI). This provisions the EDI Army Pre-positioned Stock (APS) which supports the establishment of Armored Brigade Combat Teams (ABCT). 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.

The automated feed for FY20 OCO quantity of 24 is incorrect and the correct quantity is 28.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8331D16506 / PLS ESP
		Item Number / Title [DODIC]: D16506 / PLS ESP

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	248	94	-	8	24	32
Gross/Weapon System Cost (\$ in Millions)	783.616	59.729	-	6.280	16.941	23.221
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	783.616	59.729	-	6.280	16.941	23.221
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	783.616	59.729	-	6.280	16.941	23.221

(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)	3,159.742	635.415	-	785.000	705.875	725.656

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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																		
PLS M1075A1 Truck (ESP) ^(†)	566.243	650	368.058	483.412	34	16.436	-	-	-	531.000	4	2.124	531.063	16	8.497	531.050	20	10.621
PLS M1074A1 Truck (ESP) ^(†)	1,022.653	225	230.097	537.698	63	33.875	-	-	-	596.500	4	2.386	596.167	12	7.154	596.250	16	9.540
Recurring Engineering (STS)	-	-	18.024	-	-	0.650	-	-	-	-	-	0.155	-	-	-	-	-	0.155
Engineering Changes	-	-	29.382	-	-	0.650	-	-	-	-	-	0.135	-	-	0.470	-	-	0.605
Matrix Functional Support	-	-	29.316	-	-	2.598	-	-	-	-	-	0.885	-	-	-	-	-	0.885
Testing	-	-	9.785	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TADSS	-	-	13.323	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Documentation	-	-	13.022	-	-	-	-	-	-	-	-	0.371	-	-	-	-	-	0.371
Support Equipment	-	-	3.105	-	-	0.011	-	-	-	-	-	0.015	-	-	0.053	-	-	0.068
Fielding	-	-	63.624	-	-	2.500	-	-	-	-	-	0.049	-	-	0.173	-	-	0.222
First Destination	-	-	5.880	-	-	3.009	-	-	-	-	-	0.160	-	-	0.594	-	-	0.754
<i>Subtotal: Recurring Cost</i>	-	-	783.616	-	-	59.729	-	-	-	-	-	6.280	-	-	16.941	-	-	23.221
<i>Subtotal: Flyaway Cost</i>	-	-	783.616	-	-	59.729	-	-	-	-	-	6.280	-	-	16.941	-	-	23.221
Gross/Weapon System Cost	3,159.742	248	783.616	635.415	94	59.729	-	-	-	785.000	8	6.280	705.875	24	16.941	725.656	32	23.221

Remarks:

The RFS automatic feed for FY20 OCO quantity of 24 is incorrect and the correct quantity is 28.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8331D16506 / PLS ESP	Item Number / Title [DODIC]: D16506 / PLS ESP
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	94	-	8	24	32
	Total Obligation Authority	59.729	-	6.280	16.941	23.221
Total:	Quantity	94	-	8	24	32
Secondary Distribution	Total Obligation Authority	59.729	-	6.280	16.941	23.221

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

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2020 Army **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8331D16506 / PLS ESP	Item Number / Title [DODIC]: D16506 / PLS ESP
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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
PLS M1075A1 Truck (ESP) ^(†)		2018	Oshkosh Defense - LLC / Oshkosh, WI	SS / FPIF	TACOM, Warren, MI	May 2018	Jan 2019	34	483.412	Y		
PLS M1075A1 Truck (ESP) ^(†)		2020	Oshkosh Defense - LLC / Oshkosh, WI	SS / FPIF	TACOM, Warren, MI	Mar 2020	Nov 2020	20	531.050	Y		
PLS M1074A1 Truck (ESP) ^(†)		2018	Oshkosh Defense - LLC / Oshkosh, WI	SS / FPIF	TACOM, Warren, MI	May 2018	Jan 2019	63	537.698	Y		
PLS M1074A1 Truck (ESP) ^(†)		2020	Oshkosh Defense - LLC / Oshkosh, WI	SS / FPIF	TACOM, Warren, MI	Mar 2020	Nov 2020	16	596.250	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.

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Exhibit P-21, Production Schedule: PB 2020 Army **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10 **P-1 Line Item Number / Title:** 8331D16506 / PLS ESP **Item Number / Title [DODIC]:** D16506 / PLS ESP

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	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
PLS M1075A1 Truck (ESP)																															
Prior Years Deliveries: 650																															
	1	2018	ARMY	34	0	34																							7		
	1	2020	ARMY	20	0	20																							20		
PLS M1074A1 Truck (ESP)																															
Prior Years Deliveries: 225																															
	2	2018	ARMY	63	0	63																							15		
	2	2020	ARMY	16	0	16																							16		

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Exhibit P-21, Production Schedule: PB 2020 Army **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8331D16506 / PLS ESP	Item Number / Title [DODIC]: D16506 / PLS ESP
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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			
PLS M1075A1 Truck (ESP)																																	
Prior Years Deliveries: 650																																	
	1	2018	ARMY	34	27	7	3	2	2																				0				
	1	2020	ARMY	20	0	20																							0				
PLS M1074A1 Truck (ESP)																																	
Prior Years Deliveries: 225																																	
	2	2018	ARMY	63	48	15	5	5	5																				0				
	2	2020	ARMY	16	0	16																							0				

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Exhibit P-21, Production Schedule: PB 2020 Army **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8331D16506 / PLS ESP	Item Number / Title [DODIC]: D16506 / PLS ESP
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2020	1-8-5 For 2020	MAX For 2020	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, WI	20	924	2,520	0	6	8	14	0	6	8	14
2	Oshkosh Defense - LLC - Oshkosh, WI	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-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	479	301	208	52	105	157	-	-	-	-	-	1,145
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,974.677	150.878	109.764	30.841	62.734	93.575	-	-	-	-	-	3,328.894
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,974.677	150.878	109.764	30.841	62.734	93.575	-	-	-	-	-	3,328.894
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,974.677	150.878	109.764	30.841	62.734	93.575	-	-	-	-	-	3,328.894

(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>)	6,210.182	501.256	527.712	593.096	597.467	596.019	-	-	-	-	-	2,907.331

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 21,798.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	301	208	52	105	157	-	-	-	-
	Total Obligation Authority	150.878	109.764	30.841	62.734	93.575	-	-	-	-
Total: Secondary Distribution	Quantity	301	208	52	105	157	-	-	-	-
	Total Obligation Authority	150.878	109.764	30.841	62.734	93.575	-	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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		479 / 2,974.677	301 / 150.878	208 / 109.764	52 / 30.841	105 / 62.734	157 / 93.575
P-40	Total Gross/Weapon System Cost				479 / 2,974.677	301 / 150.878	208 / 109.764	52 / 30.841	105 / 62.734	157 / 93.575

*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 2020 Base procurement dollars in the amount of \$30.841 million supports the recapitalization of a total of 52 HEMTT variants in support of Direct Army and Army Prepositioned Stock (APS) requirements. The HEMTT-ESP remanufactures and upgrades 20+ year old HEMTT A0 vehicles and HEMTT A2 vehicles to the current armor capable A4 configuration. The HEMTT program is a critical enabler to support the Army's modernization priorities through movement of Soldiers, air defense & missile defenses, sensors, network, fuel, ammunition, etc. Funds are required to fill readiness gaps to address both capacity and capability holes which must be filled to carry out the National Defense Strategy.

FY 2020 OCO procurement dollars in the amount of \$62.734 million supports the recapitalization of a quantity of 126 M978 Tankers to the latest A4 configuration. These vehicles are required in support of the Combatant Command (COCOM) requirement for unit equipment sets to deter potential adversaries and support the European Deterrence Initiative (EDI). The HEMTT-ESP remanufactures and upgrades 20+ year old HEMTT A0 vehicles and HEMTT A2 vehicles to the current armor capable A4 configuration. The HEMTT program is a critical enabler to support the Army's modernization priorities in support of the National Defense Strategy through movement of Soldiers, air defense & missile defenses, sensors, network, fuel, ammunition, etc. Funds are required to fill readiness gaps to address both capacity and capability holes which must be filled to carry out the National Defense Strategy. Procurement is necessary to outfit the Pre-Positioned equipment sets. This provisions the European Deterrence Initiative - Army Prepositioned Stock (APS) which supports the establishment of Armored Brigade Combat Teams (ABCT). There is no excess inventory or viable substitute available to support the EDI requirement. APS must be filled with trucks that meet armoring requirements.

The RFS automatic feed for FY20 OCO quantity of 105 is incorrect and the correct quantity is 126.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	479	301	208	52	105	157
Gross/Weapon System Cost (\$ in Millions)	2,974.677	150.878	109.764	30.841	62.734	93.575
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	2,974.677	150.878	109.764	30.841	62.734	93.575
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2,974.677	150.878	109.764	30.841	62.734	93.575

(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)	6,210.182	501.256	527.712	593.096	597.467	596.019

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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) ^(†)	941.026	426	400.877	-	-	-	496.556	27	13.407	524.556	9	4.721	-	-	-	524.556	9	4.721
HEMTT M1120A4 LHS (ESP) ^(†)	1,828.126	333	608.766	334.730	74	24.770	-	-	-	400.111	9	3.601	-	-	-	400.111	9	3.601
HEMTT M978A4 Tanker (ESP) ^(†)	720.070	511	367.956	445.540	126	56.138	453.243	152	68.893	462.750	16	7.404	462.746	126	58.306	462.746	142	65.710
HEMTT M985A4 Cargo (ESP) ^(†)	1,077.707	222	239.251	382.405	84	32.122	-	-	-	448.167	18	8.067	-	-	-	448.167	18	8.067
HEMTT M983A4 Tractor (ESP) ^(†)	1,840.123	73	134.329	342.529	17	5.823	-	-	-	-	-	-	-	-	-	-	-	-
HEMTT M983A4 LET (ESP) ^(†)	-	-	-	-	-	-	401.586	29	11.646	-	-	-	-	-	-	-	-	-
HEMTT M985E1 GMT (ESP)	3,379.700	10	33.797	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRET	-	-	301.143	-	-	12.768	-	-	4.801	-	-	1.613	-	-	3.298	-	-	4.911
Recurring Engineering (STS)	-	-	293.801	-	-	0.842	-	-	0.749	-	-	0.712	-	-	-	-	-	0.712
Engineering Changes	-	-	28.795	-	-	1.515	-	-	1.205	-	-	0.690	-	-	0.129	-	-	0.819
Matrix Functional Support	-	-	145.895	-	-	4.983	-	-	4.113	-	-	3.265	-	-	-	-	-	3.265
Testing	-	-	18.168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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)
Documentation	-	-	102.711	-	-	6.152	-	-	-	-	-	-	-	-	-	-	-	-
Special Tools	-	-	22.604	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Fielding Support	-	-	266.856	-	-	2.063	-	-	1.720	-	-	0.220	-	-	0.376	-	-	0.596
Transportation	-	-	9.728	-	-	3.702	-	-	3.230	-	-	0.548	-	-	0.625	-	-	1.173
<i>Subtotal: Recurring Cost</i>	-	-	2,974.677	-	-	150.878	-	-	109.764	-	-	30.841	-	-	62.734	-	-	93.575
<i>Subtotal: Flyaway Cost</i>	-	-	2,974.677	-	-	150.878	-	-	109.764	-	-	30.841	-	-	62.734	-	-	93.575
Gross/Weapon System Cost	6,210.182	479	2,974.677	501.256	301	150.878	527.712	208	109.764	593.096	52	30.841	597.467	105	62.734	596.019	157	93.575

Remarks:

The RFS automatic feed for FY20 OCO quantity of 105 is incorrect and the correct quantity is 126.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity		301	208	52	105
	Total Obligation Authority		150.878	109.764	30.841	62.734
Total: Secondary Distribution	Quantity		301	208	52	105
	Total Obligation Authority		150.878	109.764	30.841	62.734

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army								Date: March 2019				
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 <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
HEMTT M984A4 Wrecker (ESP)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Jan 2019	Sep 2019	27	496.556	Y		
HEMTT M984A4 Wrecker (ESP)		2020	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2020	Nov 2020	9	524.556	N		
HEMTT M1120A4 LHS (ESP)		2018	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2018	Nov 2018	74	334.730	Y		
HEMTT M1120A4 LHS (ESP)		2020	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2020	Nov 2020	9	400.111	N		
HEMTT M978A4 Tanker (ESP) ^(†)		2018	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2018	Nov 2018	126	445.540	Y		
HEMTT M978A4 Tanker (ESP) ^(†)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Jan 2019	Sep 2019	152	453.243	Y		
HEMTT M978A4 Tanker (ESP) ^(†)		2020	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2020	Nov 2020	142	462.746	Y		
HEMTT M985A4 Cargo (ESP) ^(†)		2018	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2018	Nov 2018	84	382.405	Y		
HEMTT M985A4 Cargo (ESP) ^(†)		2020	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2020	Nov 2020	18	448.167	N		
HEMTT M983A4 Tractor (ESP)		2018	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Mar 2018	Nov 2018	17	342.529	Y		
HEMTT M983A4 LET (ESP)		2019	Oshkosh Defense, LLC / Wisconsin	SS / FPIF	TACOM, WARREN, MI	Jan 2019	Sep 2019	29	401.586	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 2020 utilizes Order Year Five (OY5) pricing.

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Exhibit P-21, Production Schedule: PB 2020 Army														Date: March 2019																											
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 2020														Fiscal Year 2021														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 9	BAL D U E A S O F 1 O C T	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					
HEMTT M978A4 Tanker (ESP)																																			
Prior Years Deliveries: 511																																			
	1	2018	ARMY	126	116	10	10																							0					
	1	2019	ARMY	152	13	139	13	13	13	13	13	13	13	12	12	12	12													0					
	1	2020	ARMY	142	0	142																								12					
HEMTT M985A4 Cargo (ESP)																																			
Prior Years Deliveries: 222																																			
	2	2018	ARMY	84	77	7	7																							0					
	2	2020	ARMY	18	0	18																								0					

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Exhibit P-21, Production Schedule: PB 2020 Army			Date: March 2019
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 2022												Fiscal Year 2023												B A L A N C E							
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022												Calendar Year 2023																		
							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 M978A4 Tanker (ESP)																																					
Prior Years Deliveries: 511																																					
	1	2018	ARMY	126	126	0																														0	
	1	2019	ARMY	152	152	0																														0	
	1	2020	ARMY	142	130	12																														0	
HEMTT M985A4 Cargo (ESP)																																					
Prior Years Deliveries: 222																																					
	2	2018	ARMY	84	84	0																														0	
	2	2020	ARMY	18	18	0																															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							

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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 2020	1-8-5 For 2020	MAX For 2020	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

"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 2020 Army **Date:** March 2019

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:**
 8953DV0230 / HMMWV Recapitalization 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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	85	-	85	-	-	-	-	-	85
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,595.563	-	-	5.734	-	5.734	-	-	-	-	-	3,601.297
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	3,595.563	-	-	5.734	-	5.734	-	-	-	-	-	3,601.297
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,595.563	-	-	5.734	-	5.734	-	-	-	-	-	3,601.297

(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>)	-	-	-	67.459	-	67.459	-	-	-	-	-	42,368.200

Description:

The Active Army, Army National Guard (ARNG) and US Army Reserves (USAR) require modernization of the Non-Armored High Mobility Multipurpose Wheeled Vehicle (NAH) to combat issues as the fleet approaches its useful life which includes previous Recapitalization programs. The fleet requires restoration of fleet age and obsolescence mitigation through major component replacement, and also requires application of new technologies and kits to ensure safe and suitable performance. M1097 NAH vehicles will be restored to near zero time/zero miles to include power pack replacement, Anti-lock Brake System/ Electronic Stability Control (ABS/ESC) integration, low risk technology inserts, address obsolescence concerns and Inspect and Repair Only As Necessary (IROAN).

Army Acquisition Objective (AAO): Department of the Army intent is to divest older NAH and replace with new modernized NAH up to the requirement of 17,696.

Secondary Distribution	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army									
Quantity	-	-	85	-	85	-	-	-	-
Total Obligation Authority	-	-	5.734	-	5.734	-	-	-	-
Total:									
Secondary Distribution									
Quantity	-	-	85	-	85	-	-	-	-
Total Obligation Authority	-	-	5.734	-	5.734	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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:** 8953DV0230 / HMMWV Recapitalization 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

Exhibits Schedule					Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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	DV0230 / HMMWV Recapitalization Program	P-5a, P-21			- / 3,595.563	- / -	- / -	85 / 5.734	- / -	85 / 5.734
P-40	Total Gross/Weapon System Cost				- / 3,595.563	- / -	- / -	85 / 5.734	- / -	85 / 5.734

*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 2020 Base procurement dollars in the amount of \$5.734 million procures 85 Non-Armored HMMWVs, program support and transportation to support the modernization of the Army's NAH fleet. These Procurement funds pay for the fleet age reduction and technology insertions, and the Army is separately funding the IROAN portion of the work with Operations and Support funds.

In accordance with the Consolidated Appropriations Act, 2018, the Secretary of the Army is directed to ensure that installation of ABS on all HMMWVs shall be performed during the HMMWV new production process or the HMMWV modernization process, when the HMMWV produced is new, or returned to a zero-hour, zero-mile, like-new condition.

In accordance with Section 1815 of the FY08 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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8953DV0230 / HMMWV Recapitalization Program
		Item Number / Title [DODIC]: DV0230 / HMMWV Recapitalization Program

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	85	-	85
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,595.563	-	-	5.734	-	5.734
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	3,595.563	-	-	5.734	-	5.734
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,595.563	-	-	5.734	-	5.734

(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>)	-	-	-	67.459	-	67.459

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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																		
Product Management Support	-	-	3,595.563	-	-	-	-	-	-	-	-	0.172	-	-	-	-	-	0.172
NAH Manufacturing ^(†)	-	-	-	-	-	-	-	-	-	65.435	85	5.562	-	-	-	65.435	85	5.562
<i>Subtotal: Recurring Cost</i>	-	-	3,595.563	-	-	-	-	-	-	-	-	5.734	-	-	-	-	-	5.734
<i>Subtotal: Flyaway Cost</i>	-	-	3,595.563	-	-	-	-	-	-	-	-	5.734	-	-	-	-	-	5.734
Gross/Weapon System Cost	-	-	3,595.563	-	-	-	-	-	-	67.459	85	5.734	-	-	-	67.459	85	5.734

Secondary Distribution	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	-	-	85	-	85
Total Obligation Authority	-	-	5.734	-	5.734
Total: Secondary Distribution	-	-	85	-	85
Total Obligation Authority	-	-	5.734	-	5.734

^(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8953DV0230 / HMMWV Recapitalization Program				Item Number / Title [DODIC]: DV0230 / HMMWV Recapitalization Program					
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
NAH Manufacturing ^(†)		2020	TBD / TBD	TBD	TBD	Dec 2019	Apr 2020	85	65.435	N		Sep 2019

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10										P-1 Line Item Number / Title: 8953DV0230 / HMMWV Recapitalization Program										Item Number / Title [DODIC]: DV0230 / HMMWV Recapitalization Program									

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
NAH Manufacturing																															
	1	2020	ARMY	85	0	85			A -	-	-	-	20	20	20	25															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	

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10		P-1 Line Item Number / Title: 8953DV0230 / HMMWV Recapitalization Program
Item Number / Title [DODIC]: DV0230 / HMMWV Recapitalization Program		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2020	1-8-5 For 2020	MAX For 2020	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	50	87	100	0	3	4	7	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).

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	3,054	513	1,557	604	-	604	653	2,050	1,889	1,815	-	12,135
Gross/Weapon System Cost (<i>\$ in Millions</i>)	354.203	34.694	88.128	45.113	50.000	95.113	96.230	105.503	108.716	104.817	-	987.404
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	354.203	34.694	88.128	45.113	50.000	95.113	96.230	105.503	108.716	104.817	-	987.404
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	354.203	34.694	88.128	45.113	50.000	95.113	96.230	105.503	108.716	104.817	-	987.404

(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>)	115.980	67.630	56.601	74.690	-	157.472	147.366	51.465	57.552	57.750	-	81.368

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 17,935.

The Heavy Tactical Vehicle (HTV) Protection Kit program provides Armor Survivability Suite protection. HTV Protection Kits include Long Term Armor Strategy 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), 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 Heavy Equipment Transporter System (HETS) Urban Survivability Kit (HUSK) completely removes and replaces the current HETS cab with a HUSK armored cab. The A-kit Heavy tactical cab is completely removed and replaced with a HUSK armored cab under this suite solution. The TWV Protection Kit program is a critical enabler to support the Army's modernization priorities in support of the National Defense Strategy by providing protection against lethal combat formations during movement of Soldiers. The Army Procurement Objective (APO) for HTV Protection Kits is 12,681.

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

Secondary Distribution	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	
Army										
Quantity	513	1,557	604	-	604	653	2,050	1,889	1,815	
Total Obligation Authority	34.694	88.128	45.113	50.000	95.113	96.230	105.503	108.716	104.817	
Total: Secondary Distribution	Quantity	513	1,557	604	-	604	653	2,050	1,889	1,815
	Total Obligation Authority	34.694	88.128	45.113	50.000	95.113	96.230	105.503	108.716	104.817

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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		796 / 147.282	404 / 17.916	812 / 38.328	420 / 19.370	- / 24.649	420 / 44.019
P-5	D04017 / HEAVY TACTICAL VEHICLE PROTECTION KITS	P-5a, P-21	A		2,258 / 206.921	109 / 16.778	745 / 49.800	184 / 25.743	- / 25.351	184 / 51.094
P-40	Total Gross/Weapon System Cost				3,054 / 354.203	513 / 34.694	1,557 / 88.128	604 / 45.113	- / 50.000	604 / 95.113

*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 2020 Medium Tactical Vehicle (MTV) Protection Kit Base procurement dollars in the amount of \$19.370 million supports procurement of 420 B-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 2020 Medium Tactical Vehicle (MTV) Protection Kit Overseas Contingency Operations (OCO) European Deterrence Initiative (EDI) procurement dollars in the amount of \$24.649 million supports the procurement of 536 B-kits to support Active Army units. The OCO EDI funding aligns with the Combatant Command (COCOM) requirement to deter potential adversaries and ensures that Active Army units can provide pre-positioned equipment sets. 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 2020 Heavy Tactical Vehicle (HTV) Protection Kits Base procurement dollars in the amount of \$25.743 million procures 160 each Palletized Load System (PLS) B-Kits and 24 each Heavy Equipment Transporter System (HETS) Urban Survivability Kits (HUSK) to support Active Army units and Army Pre-positioned Stocks (APS). Procurement of 160 PLS armor kits equates to providing one Armored Brigade Combat Team (ABCT) with an armor protected vehicle. Maximizing use of armored vehicles equips deploying forces with the protection necessities they require to perform their missions. This procurement will bring 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 2020 Heavy Tactical Vehicle (HTV) Protection Kits Overseas Contingency Operations (OCO) European Deterrence Initiative (EDI) procurement dollars in the amount of \$25.351 million procures 397 each Palletized Load System (PLS) B-Kits. Procurement of 397 PLS armor kits equates to providing two Armored Brigade Combat Teams (ABCT) with an armor protected vehicle. Maximizing use of armored vehicles equips deploying forces with the protection necessities they require to perform their missions. The EDI funding aligns with the Combatant Command (COCOM) requirement to deter potential adversaries and ensures that Active Army units can provide armored pre-positioned equipment sets. There is no excess inventory or viable substitutes available to support the OCO EDI requirement. This procurement will bring 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.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	796	404	812	420	-	420
Gross/Weapon System Cost (\$ in Millions)	147.282	17.916	38.328	19.370	24.649	44.019
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	147.282	17.916	38.328	19.370	24.649	44.019
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	147.282	17.916	38.328	19.370	24.649	44.019

(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)	185.028	44.347	47.202	46.119	-	104.807

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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																		
B-Kits ^(†)	39.986	3,312	132.432	41.936	392	16.439	43.156	844	36.424	44.069	420	18.509	43.938	536	23.551	43.996	956	42.060
Transportation	-	-	2.926	-	-	0.315	-	-	0.818	-	-	0.308	-	-	0.393	-	-	0.701
Engineering Changes	-	-	3.977	-	-	0.493	-	-	1.086	-	-	0.553	-	-	0.705	-	-	1.258
Testing	-	-	0.173	-	-	0.669	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Support	-	-	1.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quality Assurance	-	-	1.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PM Support	-	-	1.562	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISO Containers	-	-	1.108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Load ISO Containers	-	-	2.998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	147.282	-	-	17.916	-	-	38.328	-	-	19.370	-	-	24.649	-	-	44.019
<i>Subtotal: Flyaway Cost</i>	-	-	147.282	-	-	17.916	-	-	38.328	-	-	19.370	-	-	24.649	-	-	44.019
Gross/Weapon System Cost	185.028	796	147.282	44.347	404	17.916	47.202	812	38.328	46.119	420	19.370	-	-	24.649	104.807	420	44.019

Remarks:

Quantities are estimates based on the 2018 Internal Government Cost Estimate (IGCE). Quantities will change after contract award.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	404	812	420	-	420
	Total Obligation Authority	17.916	38.328	19.370	24.649	44.019
Total:	Quantity	404	812	420	-	420
Secondary Distribution	Total Obligation Authority	17.916	38.328	19.370	24.649	44.019

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019					
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
B-Kits ^(†)		2018	TBD / TBD	C / FFP	TBD	Jan 2019	Sep 2019	392	41.936	N		
B-Kits ^(†)		2019	TBD / TBD	C / FFP	TBD	Sep 2019	Jan 2020	844	43.156	N		
B-Kits ^(†)		2020	TBD / TBD	C / FFP	TBD	Feb 2020	Jun 2020	956	43.996	N		

^(†) indicates the presence of a P-21

Remarks:
FY 2017 was the last ordering year for Ibis Tek, LLC. A follow on contract is to be determined upon completion of competitive bid process with target award date of January 2019.

Quantities are estimates based on the 2018 Internal Government Cost Estimate (IGCE). Quantities will change after contract award.

Estimated TBD Manufacturer Production Rates are required for form validation.

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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 <i>(Units in Each)</i>					Fiscal Year 2019														Fiscal Year 2020														B A L A N C E		
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					
B-Kits																																			
Prior Years Deliveries: 3312																																			
1		2018	ARMY	392	0	392				A	-	-	-	-	-	-	-	49	49	49	49	49	49	49	49	49	49	49	0						
1		2019	ARMY	844	0	844												A	-	-	-	-	106	106	106	106	105	105	105	105	0				
1		2020	ARMY	956	0	956																				A	-	-	-	-	120	120	120	120	476
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
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 <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			

B-Kits																																			
Prior Years Deliveries: 3312																																			
1	2018	ARMY	392	392	0																														0
1	2019	ARMY	844	844	0																														0
1	2020	ARMY	956	480	476	119	119	119	119																										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						

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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 2020	1-8-5 For 2020	MAX For 2020	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	20	40	120	0	0	0	0	0	0	0	0

Remarks:
Estimated TBD Manufacturer Production Rates are required for form validation.

"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).

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	2,258	109	745	184	-	184
Gross/Weapon System Cost (\$ in Millions)	206.921	16.778	49.800	25.743	25.351	51.094
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	206.921	16.778	49.800	25.743	25.351	51.094
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	206.921	16.778	49.800	25.743	25.351	51.094

(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)	91.639	153.927	66.846	139.908	-	277.685

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ^(†)	57.861	3,397	196.553	56.000	140	7.840	-	-	-	-	-	-	-	-	-	-	-	-
Palletized Load System (PLS) B-Kits ^(†)	-	-	-	-	-	-	59.697	142	8.477	59.700	160	9.552	59.698	397	23.700	59.698	557	33.252
Heavy Expanded Mobility Tactical Truck (HEMTT) B-Kits ^(†)	-	-	-	-	-	-	49.003	592	29.010	-	-	-	-	-	-	-	-	-
HETS Urban Survivability Kits (HUSK) ^(†)	-	-	-	622.000	2	1.244	499.833	12	5.998	508.125	24	12.195	-	-	-	508.125	24	12.195
ISO Containers	-	-	-	-	-	-	-	-	0.785	-	-	0.400	-	-	0.455	-	-	0.855
Engineering Changes	-	-	5.011	-	-	0.905	-	-	0.700	-	-	0.384	-	-	0.395	-	-	0.779
Matrix Functional Support	-	-	3.435	-	-	2.265	-	-	1.856	-	-	2.190	-	-	-	-	-	2.190
Systems Test and Evaluation	-	-	-	-	-	0.200	-	-	0.380	-	-	0.377	-	-	0.177	-	-	0.554
Transportation	-	-	1.921	-	-	0.646	-	-	0.859	-	-	0.490	-	-	0.459	-	-	0.949
Documentation - HUSK	-	-	-	-	-	1.998	-	-	0.671	-	-	-	-	-	-	-	-	-
Storage and Handling	-	-	-	-	-	0.125	-	-	0.244	-	-	0.155	-	-	0.165	-	-	0.320
Subtotal: Recurring Cost	-	-	206.921	-	-	15.223	-	-	48.980	-	-	25.743	-	-	25.351	-	-	51.094

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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																		
HUSK Tooling	-	-	-	-	-	-	-	-	0.820	-	-	-	-	-	-	-	-	-
RIA HUSK Start-Up Cost	-	-	-	-	-	1.555	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	1.555	-	-	0.820	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	206.921	-	-	16.778	-	-	49.800	-	-	25.743	-	-	25.351	-	-	51.094
Gross/Weapon System Cost	91.639	2,258	206.921	153.927	109	16.778	66.846	745	49.800	139.908	184	25.743	-	-	25.351	277.685	184	51.094

Remarks:
Gross Weapon System Unit Cost fluctuates with planned model mix. FY20 increase is due to procurement of additional HUSK (fully-dressed armored cabs) at a higher unit cost.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	109	745	184	-	184
	Total Obligation Authority	16.778	49.800	25.743	25.351	51.094
Total:	Quantity	109	745	184	-	184
Secondary Distribution	Total Obligation Authority	16.778	49.800	25.743	25.351	51.094

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019					
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 <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Protection Kits - Model Mix		2018	TBD / TBD	C / IDIQ	TACOM, Warren, MI	Dec 2019	Mar 2020	140	56.000	Y		
Palletized Load System (PLS) B-Kits ^(†)		2019	TBD / TBD	C / IDIQ	TACOM, Warren, MI	Dec 2019	Mar 2020	142	59.697	Y		
Palletized Load System (PLS) B-Kits ^(†)		2020	TBD / TBD	C / IDIQ	TACOM, Warren, MI	Dec 2019	Mar 2020	557	59.698	Y		
Heavy Expanded Mobility Tactical Truck (HEMTT) B-Kits		2019	TBD / TBD	C / IDIQ	TACOM, Warren, MI	Dec 2019	Mar 2020	592	49.003	Y		
HETS Urban Survivability Kits (HUSK) ^(†)		2019	Rock Island Arsenal / Rock Island, IL	MIPR	TACOM, Warren, MI	Jul 2019	Oct 2019	12	499.833	Y		
HETS Urban Survivability Kits (HUSK) ^(†)		2020	Rock Island Arsenal / Rock Island, IL	MIPR	TACOM, Warren, MI	Jul 2020	Oct 2020	24	508.125	Y		

^(†) indicates the presence of a P-21

Remarks:

A follow on contract is to be determined upon completion of competitive bid process with target award date of December 2019. Production rates and lead times are estimated until new contract award.

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Exhibit P-21, Production Schedule: PB 2020 Army																							Date: March 2019																							
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 (Units in Each)						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																
Palletized Load System (PLS) B-Kits																																														
1		2019	ARMY	142	0	142																							A	-	-	-	12	12	12	12	12	12	12	12	12	12	58			
1		2020	ARMY	557	0	557																							A	-	-	-	46	46	46	47	47	47	47	47	47	231				
HETS Urban Survivability Kits (HUSK)																																														
2		2019	ARMY	12	0	12																																								
2		2020	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																

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Exhibit P-21, Production Schedule: PB 2020 Army				Date: March 2019							
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 <i>(Units in Each)</i>						Fiscal Year 2021										Fiscal Year 2022										BALANCE				
O 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
Palletized Load System (PLS) B-Kits																														
	1	2019	ARMY	142	84	58	12	12	12	12	10																		0	
	1	2020	ARMY	557	326	231	47	46	46	46																			0	
HETS Urban Survivability Kits (HUSK)																														
	2	2019	ARMY	12	12	0																							0	
	2	2020	ARMY	24	0	24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
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 2020	1-8-5 For 2020	MAX For 2020	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	30	60	120	0	3	3	6	0	3	3	6
2	Rock Island Arsenal - Rock Island, IL	2	12	36	0	5	4	9	0	8	3	11

"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).

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	6,939.851	146.587	256.642	58.946	28.000	86.946	49.250	46.050	-	-	-	7,525.326
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	6,939.851	146.587	256.642	58.946	28.000	86.946	49.250	46.050	-	-	-	7,525.326
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	6,939.851	146.587	256.642	58.946	28.000	86.946	49.250	46.050	-	-	-	7,525.326

(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>)	8,588.925	242.293	812.158	1,786.242	-	2,634.727	1,119.318	495.161	-	-	-	3,962.784

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 6 wheeled 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 4 wheeled 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) line funds the United States Army Europe (USAREUR) Operational Needs Statement (ONS #17-22207) for Heavy Equipment Transporter System (HETS) tractor modifications. Existing M1070A1 HETS tractors will be modified to meet the payload requirements directed in the 1 DEC 17 Army Requirements Oversight Council (AROC) memo of achieving a payload capacity of 78.5 tons without consideration of operational road permits, and 75 ton capacity while obtaining operational road permits in the European area of operations. The AROC memo additionally directed the further modification of M1070A1 tractors to meet the capacity targets of 85 tons without consideration of operational road permits and maintaining a capacity of 75 tons with operational road permits in the European theater of operations. Both configurations allow for the use of the HETS Urban Survivability Kit (HUSK) armored cab. This line also funds modifications for active safety; autonomy; modernization and Modification Work Orders (MWOs).

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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)				- / 2,265.670	- / 124.978	- / 214.738	- / 36.671	- / 28.000	- / 64.671
P-3a	DA0926 / Various (Various)				- / 4,674.181	- / 21.609	- / 41.904	33 / 22.275	- / -	33 / 22.275
P-40	Total Gross/Weapon System Cost				- / 6,939.851	- / 146.587	- / 256.642	- / 58.946	- / 28.000	- / 86.946

Exhibits Schedule					FY 2021	FY 2022	FY 2023	FY 2024	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)				- / 28.000	- / -	- / -	- / -	- / -	- / 2,698.057
P-3a	DA0926 / Various (Various)				44 / 21.250	93 / 46.050	- / -	- / -	- / -	170 / 4,827.269
P-40	Total Gross/Weapon System Cost				- / 49.250	- / 46.050	- / -	- / -	- / -	- / 7,525.326

*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 2020 Base procurement dollars of \$42.946 million funding completes the entire Route Clearance Vehicle Fleet effort. Funds Logistics operator and maintenance manual for Husky Engineering Change Proposal (ECP) to provide the ability to Lift and Tie down the Husky vehicle for transport. This ECP is a Sustainment Cost Savings initiative since currently the Husky requires a crane for assembly, disassembly and containerization for transport. 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 to 193 units. Funds Program Management and Engineering Support for the Product Office. The DA0924 Base funding split between DA0925 (85%) and DA0926 (15%).

FY 2020 Base procurement dollars in the amount of \$16.000 million provides for 33 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 Council (AROC), this additional modification to the M1070A1 tractor will allow it to achieve an ultimate carrying capacity of 85 tons while achieving operational road permits at a weight of 75 tons in the European theater of operations. This funding will provide for the purchase of the modification to the tractors, documentation and data to support technical manual and training material development, transportation to and from the facility conducting the modification, and finish automotive and performance testing of the system to ensure that the 85 ton payload objective is met. This program supports the Army's modernization priorities in support of the National Defense Strategy.

FY 2020 OCO procurement dollars of \$28 million completes the Army's plan for fielding of the final 281 Medium Mine Protected Vehicle Type II (MMPV)Type II (AAO 823). Funds an increase in fielding teams to maximize delivery for fielding completion by 30 Sep 2020. Operator New Equipment Training and Field Level Maintenance New Equipment Training (OPNET/FLMNET), Program and Engineering support and transportation of the MMPV II. 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. 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.

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Exhibit P-3a, Individual Modification: PB 2020 Army		Date: March 2019
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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,265.670	124.978	214.738	36.671	28.000	64.671	28.000	-	-	-	-	2,698.057
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,265.670	124.978	214.738	36.671	28.000	64.671	28.000	-	-	-	-	2,698.057
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,265.670	124.978	214.738	36.671	28.000	64.671	28.000	-	-	-	-	2,698.057
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	2,804.047	206.575	679.551	-	-	-	-	-	-	-	-	1,560.473

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 6 wheeled 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 4 wheeled 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; modernization and Modification Work Orders (MWOs).

FY 2020 Base procurement dollars of \$36.671 million funding completes the entire Route Clearance Vehicle Fleet effort. Funds Logistics operator and maintenance manual for Husky Engineering Change Proposal (ECP) to provide the ability to Lift and Tie down the Husky vehicle for transport. This ECP is a Sustainment Cost Savings initiative since currently the Husky requires a crane for assembly, disassembly and containerization for transport. Funds Interim Contractor Logistic Support (ICLS) for previously fielded vehicles until validated maintenance manuals are available and Field Level Maintenance / New Equipment Training is provided to 193 units. Funds Program Management and Engineering Support for the Product Office. The DA0925 supports 85% of the parent DA0924 for Base.

The 2020 OCO procurement dollars of \$28 million completes the Army's plan for fielding of the final 281 MMPV Type II (AAO 823). Funds an increase in fielding teams to maximize delivery for fielding completion by 30 Sep 2020, Operator New Equipment Training and Field Level Maintenance New Equipment Training, Program and Engineering support and transportation of the MMPV II. 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.

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Exhibit P-3a, Individual Modification: PB 2020 Army											Date: March 2019		
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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	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)	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 (STS)	- / 11.078	- / 6.000	- / 4.000	- / 3.125	- / 3.950	- / 7.075	- / -	- / -	- / -	- / -	- / 0.000	- / 28.153	
Kit Quantity	472 / 1,988.638	142 / 25.056	181 / 71.187	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	795 / 2,084.881	
Fielding - OPNET/FLMNET	- / 8.682	- / 9.845	- / 19.210	- / 17.166	- / 20.650	- / 27.816	- / 28.000	- / -	- / -	- / -	- / 0.000	- / 93.553	
Equipment	- / 23.351	- / 20.640	- / 51.448	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 95.439	
Parts	- / 0.658	- / 6.715	- / 5.576	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 12.949	
Program Support	- / 17.058	- / 13.000	- / 15.298	- / 11.834	- / 11.485	- / 3.319	- / -	- / -	- / -	- / -	- / 0.000	- / 48.675	
Transportation	- / 2.000	- / 2.000	- / 4.450	- / 3.125	- / 1.915	- / 5.040	- / -	- / -	- / -	- / -	- / 0.000	- / 13.490	
Testing	- / 26.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 26.220	
ICLS	- / 18.841	- / 17.001	- / 16.551	- / 17.093	- / -	- / 17.093	- / -	- / -	- / -	- / -	- / 0.000	- / 69.486	
GFE	- / 8.007	- / 4.837	- / 8.894	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 21.738	
Log Support	- / 3.362	- / 4.026	- / 9.069	- / 4.328	- / -	- / 4.328	- / -	- / -	- / -	- / -	- / 0.000	- / 20.785	
Subtotal: Recurring	472 / 2,107.895	142 / 109.120	181 / 205.683	- / 36.671	- / 28.000	- / 64.671	- / 28.000	- / -	- / -	- / -	- / -	795 / 2,515.369	
Subtotal: Recapitalization (MPCRV)	472 / 2,107.895	142 / 109.120	181 / 205.683	- / 36.671	- / 28.000	- / 64.671	- / 28.000	- / -	- / -	- / -	- / -	795 / 2,515.369	
Modification Item 2 of 2: Family of Heavy Tactical Vehicles MOD Efforts													
A Kits													
Recurring													
HEMTTA4 GMT Crane Effort	- / -	26 / 6.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	26 / 6.200	
CTE KIT Procurement/Install	277 / 148.075	210 / 4.707	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	487 / 152.782	
CTE Kit Procurement/Install (OCO Only)	- / 0.708	193 / 2.599	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	193 / 3.307	
CTE - Matrix Functionl Support	- / 3.450	- / 0.270	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 3.720	
CTE - Fielding	- / 1.615	- / 0.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 1.895	
CTE FDT	- / 1.127	- / 1.137	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 2.264	
PLS Hook Arm Pin Effort	- / 2.800	- / 0.665	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 3.465	
HETS Tractor Mods - Hardware	- / -	- / -	170 / 9.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	170 / 9.055	
Subtotal: Recurring	277 / 157.775	429 / 15.858	170 / 9.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	876 / 182.688	
Subtotal: Family of Heavy Tactical Vehicles MOD Efforts	277 / 157.775	429 / 15.858	170 / 9.055	- / 0.000	- / -	- / 0.000	- / -	- / -	- / -	- / -	- / -	876 / 182.688	
Subtotal: Procurement, All Modification Items	749 / 2,265.670	571 / 124.978	351 / 214.738	- / 36.671	- / 28.000	- / 64.671	- / 28.000	- / -	- / -	- / -	- / -	1,671 / 2,698.057	

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Exhibit P-3a, Individual Modification: PB 2020 Army **Date:** March 2019

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
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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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	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)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total												
Total Cost (Procurement + Support + Installation)	2,265.670	124.978	214.738	36.671	28.000	64.671	28.000	-	-	-	-	2,698.057

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Exhibit P-3a, Individual Modification: PB 2020 Army						Date: March 2019	
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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Contract Dates	Feb 2018	Feb 2019					
Delivery Dates	Jul 2018	Jul 2019					
Installation Information							
Method of Implementation (Organic): Depot Recap					Installation Quantity: 0		

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Exhibit P-3a, Individual Modification: PB 2020 Army						Date: March 2019	
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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Contract Dates	Jun 2018	Jun 2019	Jun 2020	Jun 2021	Jun 2022	Jun 2023	
Delivery Dates	Sep 2018	Sep 2019	Sep 2020	Sep 2021	Sep 2022	Sep 2023	
Installation Information							
Method of Implementation (Organic): TBD					Installation Quantity: 0		

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Exhibit P-3a, Individual Modification: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip	Modification Number / Title: DA0926 / Various

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	33	-	33	44	93	-	-	-	170
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4,674.181	21.609	41.904	22.275	-	22.275	21.250	46.050	-	-	-	4,827.269
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	4,674.181	21.609	41.904	22.275	-	22.275	21.250	46.050	-	-	-	4,827.269
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	4,674.181	21.609	41.904	22.275	-	22.275	21.250	46.050	-	-	-	4,827.269

(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>)	-	-	-	675.000	-	675.000	482.955	495.161	-	-	-	28,395.700

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 Operational Needs Statement (JUONS) into Program of Record (PoR) Panther Medium Mine Protected Vehicle (MMPV) Type I (a 6 wheeled 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 4 wheeled 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) line funds the United States Army Europe (USAREUR) Operational Needs Statement (ONS #17-22207) for Heavy Equipment Transporter System (HETS) tractor modifications. Existing M1070A1 HETS tractors will be modified to meet the payload requirements directed in the 1 DEC 17 Army Requirements Oversight Council (AROC) memo of achieving a payload capacity of 78.5 tons without consideration of operational road permits, and 75 ton capacity while obtaining operational road permits in the European area of operations. The AROC memo additionally directed the further modification of M1070A1 tractors to meet the capacity targets of 85 tons without consideration of operational road permits and maintaining a capacity of 75 tons with operational road permits in the European theater of operations. Both configurations allow for the use of the HETS Urban Survivability Kit (HUSK) armored cab. This line also funds modifications for active safety; autonomy; and Modification Work Orders (MWOs).

FY 2020 Base procurement dollars of \$6.275 million Funding completes the entire Route Clearance Vehicle Fleet effort. Logistics operator and maintenance manual for Husky Engineering Change Proposal (ECP) to provide the ability to Lift and Tie down the Husky vehicle. This ECP is a Sustainment Cost Savings initiative since currently the Husky requires a crane for assembly, disassembly and containerization. Funds ICLS for previously fielded vehicles until validated maintenance manuals are available and Field Level Maintenance / New Equipment Training (FLMNET) is provided to units. Program Management and Engineering Support for the Product Office. The DA0926 supports 15% of the parent, DA0924 for Base. 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.

FY 2020 Base procurement dollars in the amount of \$16.000 million provides for 33 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 Council (AROC), this additional modification to the M1070A1 tractor will allow it to achieve an ultimate carrying capacity of 85 tons while achieving operational road permits at a weight of 75 tons in the European theater of operations. This funding will provide for the purchase of the modification to the tractors, documentation and data to support technical manual and training material development, transportation to and from the facility conducting the modification, and finish automotive and performance testing of the system to ensure that the 85 ton payload objective is met. This program supports the Army's modernization priorities in support of the National Defense Strategy.

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Exhibit P-3a, Individual Modification: PB 2020 Army										Date: March 2019			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10				P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip						Modification Number / Title: DA0926 / 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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	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)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
<i>Modification Item 1 of 2: Recapitalization (MPRCV)/ Fielding/FLMNET</i>													
A Kits													
Recurring													
Kit Quantity	- / 4,665.888	- / 19.083	- / 40.510	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 4,725.481	
Fielding/FLMNET	- / -	- / -	- / -	- / 16.275	- / -	- / 16.275	- / -	- / -	- / -	- / -	- / 0.000	- / 16.275	
<i>Subtotal: Recurring</i>	- / 4,665.888	- / 19.083	- / 40.510	- / 16.275	- / -	- / 16.275	- / -	- / -	- / -	- / -	- / -	- / 4,731.756	
<i>Subtotal: Recapitalization (MPRCV)/ Fielding/FLMNET</i>	- / 4,665.888	- / 19.083	- / 40.510	- / 16.275	- / -	- / 16.275	- / -	- / -	- / -	- / -	- / -	- / 4,731.756	
<i>Modification Item 2 of 2: Family of Heavy Tactical Vehicles MOD Efforts</i>													
<i>Subtotal: Family of Heavy Tactical Vehicles MOD Efforts</i>	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.000	
<i>Subtotal: Procurement, All Modification Items</i>	- / 4,665.888	- / 19.083	- / 40.510	- / 16.275	- / -	- / 16.275	- / -	- / -	- / -	- / -	- / -	- / 4,731.756	
Installation													
<i>Modification Item 2 of 2: Family of Heavy Tactical Vehicles MOD Efforts</i>	3,102 / 8.293	389 / 2.526	262 / 1.394	33 / 16.000	- / -	33 / 16.000	44 / 21.250	93 / 46.050	- / -	- / -	- / -	3,923 / 95.513	
<i>Subtotal: Installation</i>	3,102 / 8.293	389 / 2.526	262 / 1.394	33 / 16.000	- / -	33 / 16.000	44 / 21.250	93 / 46.050	- / -	- / -	- / -	3,923 / 95.513	
Total													
Total Cost (Procurement + Support + Installation)	4,674.181	21.609	41.904	22.275	-	22.275	21.250	46.050	-	-	-	4,827.269	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2020 Army						Date: March 2019	
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10			P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip			Modification Number / Title: DA0926 / Various	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 1 of 2: Recapitalization (MPRCV)/ Fielding/FLMNET							
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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Contract Dates	Feb 2018	Feb 2019					
Delivery Dates	Jul 2018	Jul 2019					
Installation Information							
Method of Implementation (Organic): Depot Recap					Installation Quantity: 0		

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Exhibit P-3a, Individual Modification: PB 2020 Army **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 01 / 10	P-1 Line Item Number / Title: 8992DA0924 / Modification Of In Svc Equip	Modification Number / Title: DA0926 / Various
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 2 of 2: Family of Heavy Tactical Vehicles MOD Efforts

Manufacturer Information

Manufacturer Name: OSHKOSH	Manufacturer Location: Oshkosh, WI
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Administrative Leadtime (in Months): 10	Production Leadtime (in Months): 6
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Dates	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Contract Dates	Jun 2018	Jun 2019	Jul 2020	Jul 2021	Jul 2022	Jul 2023	
Delivery Dates	Sep 2018	Sep 2019	Jan 2021	Jan 2022	Jan 2023	Jan 2024	

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	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)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1,189 / 1.987	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,189 / 1.987
FY 2018	1,913 / 6.306	389 / 2.526	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,302 / 8.832
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2020	- / -	- / -	262 / 1.394	33 / 16.000	- / -	33 / 16.000	- / -	- / -	- / -	- / -	- / -	295 / 17.394
FY 2021	- / -	- / -	- / -	- / -	- / -	- / -	44 / 21.250	- / -	- / -	- / -	- / -	44 / 21.250
FY 2022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	93 / 46.050	- / -	- / -	- / -	93 / 46.050
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000
Total	3,102 / 8.293	389 / 2.526	262 / 1.394	33 / 16.000	- / -	33 / 16.000	44 / 21.250	93 / 46.050	- / -	- / -	- / -	3,923 / 95.513

Installation Schedule

	PYS	FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				TC	Tot		
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
In	1,901	182	182	140	140	140	140	66	66	66	66	-	8	8	8	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	1,719	182	182	182	140	140	140	140	66	66	66	66	-	8	8	8	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,845.810	17.508	-	-	-	-	-	-	-	-	-	1,863.318
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,845.810	17.508	-	-	-	-	-	-	-	-	-	1,863.318
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,845.810	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>)	1,845,810.000	-	-	-	-	-	-	-	-	-	-	1,863,318.000

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	17.508	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	17.508	-	-	-	-	-	-	-	-

Justification:

There is no FY19 Base or OCO funding for this program.

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 Vehicle

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	1	2	2	-	2	2	2	2	2	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	45.544	0.269	0.790	0.791	-	0.791	0.850	0.868	0.884	0.893	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	45.544	0.269	0.790	0.791	-	0.791	0.850	0.868	0.884	0.893	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	45.544	0.269	0.790	0.791	-	0.791	0.850	0.868	0.884	0.893	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>)	-	269.000	395.000	395.500	-	395.500	425.000	434.000	442.000	446.500	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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army									
Quantity	1	2	2	-	2	2	2	2	2
Total Obligation Authority	0.269	0.790	0.791	-	0.791	0.850	0.868	0.884	0.893
Total:									
Secondary Distribution									
Quantity	1	2	2	-	2	2	2	2	2
Total Obligation Authority	0.269	0.790	0.791	-	0.791	0.850	0.868	0.884	0.893

Justification:

FY 2020 Base procurement dollars in the amount of \$0.791 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.

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	22	25	25	-	25	25	25	25	25	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	288.638	1.320	1.390	1.416	-	1.416	1.445	1.475	1.505	1.520	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	288.638	1.320	1.390	1.416	-	1.416	1.445	1.475	1.505	1.520	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	288.638	1.320	1.390	1.416	-	1.416	1.445	1.475	1.505	1.520	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>)	-	60.000	55.600	56.640	-	56.640	57.800	59.000	60.200	60.800	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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army									
Quantity	22	25	25	-	25	25	25	25	25
Total Obligation Authority	1.320	1.390	1.416	-	1.416	1.445	1.475	1.505	1.520
Total:									
Secondary Distribution									
Quantity	22	25	25	-	25	25	25	25	25
Total Obligation Authority	1.320	1.390	1.416	-	1.416	1.445	1.475	1.505	1.520

Justification:

FY 2020 Base procurement dollars in the amount of \$1.416 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.

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army		Date: March 2019
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		

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	15	-	-	282	-	282	189	270	273	272	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	951.151	5.726	15.415	29.891	-	29.891	18.889	26.072	26.589	26.855	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	951.151	5.726	15.415	29.891	-	29.891	18.889	26.072	26.589	26.855	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	951.151	5.726	15.415	29.891	-	29.891	18.889	26.072	26.589	26.855	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>)	63,410.067	-	-	105.996	-	105.996	99.942	96.563	97.396	98.732	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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	-	-	278	-	278	184	264	267	267
	Total Obligation Authority	5.726	15.415	29.343	-	29.343	18.194	25.226	25.737	25.991
ANG	Quantity	-	-	4	-	4	5	6	6	5
	Total Obligation Authority	-	-	0.548	-	0.548	0.695	0.846	0.852	0.864
Total:	Quantity	-	-	282	-	282	189	270	273	272
Secondary Distribution	Total Obligation Authority	5.726	15.415	29.891	-	29.891	18.889	26.072	26.589	26.855

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army **Date:** March 2019

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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 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		4 / 619.229	- / 3.041	- / 9.144	219 / 19.833	- / -	219 / 19.833
P-5	DV0014 / SPECIAL PURPOSE VEHICLES	P-5a	A		11 / 331.922	- / 2.685	- / 6.271	63 / 10.058	- / -	63 / 10.058
P-40	Total Gross/Weapon System Cost				15 / 951.151	- / 5.726	- / 15.415	282 / 29.891	- / -	282 / 29.891

*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 2020 Base procurement dollars in the amount of \$29.891 million supports installations and units with Non-Tactical Vehicles providing cargo and passenger transportation, in addition to facility engineering and maintenance capability. A total of 282 Non-Tactical Vehicles are required to fill shortages and replace over-aged vehicles that are unsafe, over mileage, or uneconomical to repair. The 282 vehicles include 219 general purpose vehicles and 63 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.

The increase in funding for FY2020 is attributable to plans for replacing over-aged vehicles sooner. An accelerated replacement schedule will help to reduce maintenance costs and improve readiness at the Army's installations.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary		Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)		4	-	-	219	-	219
Gross/Weapon System Cost (\$ in Millions)		619.229	3.041	9.144	19.833	-	19.833
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		619.229	3.041	9.144	19.833	-	19.833
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		619.229	3.041	9.144	19.833	-	19.833

(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)		154,807.250	-	-	90.562	-	90.562

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ^(†)	-	-	-	31.000	7	0.217	34.000	5	0.170	35.680	25	0.892	-	-	-	35.680	25	0.892
Carryall Truck ^(†)	-	-	-	25.800	5	0.129	30.514	35	1.068	32.000	52	1.664	-	-	-	32.000	52	1.664
Tractor Truck ^(†)	-	-	-	121.000	1	0.121	133.000	7	0.931	135.000	29	3.915	-	-	-	135.000	29	3.915
Stake Truck ^(†)	-	-	-	68.000	1	0.068	58.000	4	0.232	61.000	29	1.769	-	-	-	61.000	29	1.769
Light Armored Vehicle ^(†)	-	-	-	209.000	2	0.418	-	-	-	185.000	5	0.925	-	-	-	185.000	5	0.925
Panel Truck ^(†)	-	-	-	-	-	-	-	-	-	28.000	6	0.168	-	-	-	28.000	6	0.168
Fuel Servicing Truck ^(†)	-	-	-	157.000	3	0.471	180.000	7	1.260	183.000	16	2.928	-	-	-	183.000	16	2.928
Multi Stop Delivery Truck ^(†)	-	-	-	-	-	-	52.000	2	0.104	54.000	20	1.080	-	-	-	54.000	20	1.080
Truck Van Cargo ^(†)	-	-	-	137.000	1	0.137	57.000	3	0.171	59.000	14	0.826	-	-	-	59.000	14	0.826
Semitrailer Personnel Carrier ^(†)	-	-	-	369.000	2	0.738	369.000	8	2.952	370.000	8	2.960	-	-	-	370.000	8	2.960
Flatbed Truck ^(†)	-	-	-	138.000	1	0.138	150.000	2	0.300	154.000	13	2.002	-	-	-	154.000	13	2.002
Semitrailer Van Expansive ^(†)	-	-	-	-	-	-	350.000	2	0.700	352.000	2	0.704	-	-	-	352.000	2	0.704
Wrecker Truck ^(†)	-	-	-	116.000	1	0.116	135.333	3	0.406	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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)
Bloodmobile ^(t)	-	-	-	488.000	1	0.488	-	-	-	-	-	-	-	-	-	-	-	-
General Purpose Vehicles ^(t)	56,293.545	11	619.229	-	-	-	121.429	7	0.850	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	619.229	-	-	3.041	-	-	9.144	-	-	19.833	-	-	-	-	-	19.833
<i>Subtotal: Flyaway Cost</i>	-	-	619.229	-	-	3.041	-	-	9.144	-	-	19.833	-	-	-	-	-	19.833
Gross/Weapon System Cost	154,807.250	4	619.229	-	-	3.041	-	-	9.144	90.562	219	19.833	-	-	-	90.562	219	19.833

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	-	-	217	-	217
	Total Obligation Authority	3.041	9.144	19.559	-	19.559
ANG	Quantity	-	-	2	-	2
	Total Obligation Authority	-	-	0.274	-	0.274
Total: Secondary Distribution	Quantity	-	-	219	-	219
	Total Obligation Authority	3.041	9.144	19.833	-	19.833

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army								Date: March 2019				
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 (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Cargo Truck		2018	Multiple / Multiple	C / FP	GSA, Washington, DC	Aug 2018	Nov 2018	7	31.000	Y		
Cargo Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Apr 2019	Aug 2019	5	34.000	N		
Cargo Truck		2020	TBS / TBS	C / FP	GSA, Washington, DC	Apr 2020	Aug 2020	25	35.680	N		
Caryall Truck		2018	Multiple / Multiple	C / FP	GSA, Washington, DC	Mar 2018	Aug 2018	5	25.800	Y		
Caryall Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Oct 2019	35	30.514	N		
Caryall Truck		2020	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2020	Oct 2020	52	32.000	N		
Tractor Truck		2018	Truck Country Freightliner / Kaukauna,WI	C / FP	GSA, Washington, DC	Sep 2018	Mar 2019	1	121.000	Y		
Tractor Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	May 2019	Nov 2019	7	133.000	N		
Tractor Truck		2020	TBS / TBS	C / FP	GSA, Washington, DC	May 2020	Nov 2020	29	135.000	N		
Stake Truck		2018	Boyer Ford Trucks / Minneapolis, MN	C / FP	GSA, Washington, DC	Jun 2018	Jan 2019	1	68.000	Y		
Stake Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Oct 2019	4	58.000	N		
Stake Truck		2020	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2020	Oct 2020	29	61.000	N		
Light Armored Vehicle		2018	TBS / TBS	C / FP	Army Contracting, Warren, MI	Mar 2019	Aug 2019	2	209.000	N		
Light Armored Vehicle		2020	TBS / TBS	C / FP	Army Contracting, Warren, MI	Jun 2020	Nov 2020	5	185.000	N		
Panel Truck		2020	TBS / TBS	C / FP	GSA, Washington, DC	Apr 2020	Aug 2020	6	28.000	N		
Fuel Servicing Truck		2018	Multiple / Multiple	C / FP	GSA, Washington, DC	Jun 2018	Jan 2019	3	157.000	Y		
Fuel Servicing Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	May 2019	Dec 2019	7	180.000	N		
Fuel Servicing Truck		2020	TBS / TBS	C / FP	GSA, Washington, DC	May 2020	Dec 2020	16	183.000	N		
Multi Stop Delivery Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Oct 2019	2	52.000	N		
Multi Stop Delivery Truck		2020	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2020	Oct 2020	20	54.000	N		
Truck Van Cargo		2018	TBS / TBS	C / FP	Naval Facilities Far East, Japan	Apr 2019	May 2019	1	137.000	N		
Truck Van Cargo		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Dec 2019	3	57.000	N		
Truck Van Cargo		2020	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2020	Dec 2020	14	59.000	N		
Semitrailer Personnel Carrier		2018	Lifeline Mobile / Columbus, OH	C / FP	Army Contracting, Warren, MI	Sep 2018	Jul 2019	2	369.000	Y		
Semitrailer Personnel Carrier		2019	TBS / TBS	C / FP	Army Contracting, Warren, MI	Jun 2019	Jan 2020	8	369.000	N		
Semitrailer Personnel Carrier		2020	TBS / TBS	C / FP	Army Contracting, Warren, MI	Jun 2020	Jan 2021	8	370.000	N		
Flatbed Truck		2018	Multiple / Multiple	C / FP	GSA, Washington, DC	Sep 2018	May 2019	1	138.000	N		
Flatbed Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	May 2019	Sep 2019	2	150.000	N		

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019				
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 (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Flatbed Truck		2020	TBS / TBS	C / FP	GSA, Washington, DC	May 2020	Sep 2020	13	154.000	N		
Semitrailer Van Expansibile		2019	TBS / TBS	C / FP	GSA, Washington, D.C.	Jul 2019	Feb 2020	2	350.000	N		
Semitrailer Van Expansibile		2020	TBS / TBS	C / FP	GSA, Washington, DC	Jul 2020	Feb 2021	2	352.000	N		
Wrecker Truck		2018	Navistar / Knoxville, TN	C / FP	GSA, Washington, DC	Sep 2018	Apr 2019	1	116.000	N		
Wrecker Truck		2019	TBS / TBS	C / FP	GSA, Washington, DC	Jun 2019	Nov 2019	3	135.333	N		
Bloodmobile		2018	Matthews Specialty Vehicles / Greensboro, NC	C / FP	GSA, Washington, DC	Sep 2018	Mar 2019	1	488.000	Y		
General Purpose Vehicles		2019	TBS / TBS	C / FP	GSA, Washington, D.C.	Jun 2019	Dec 2019	7	121.429	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.

There are multiple contractors for FY18 Cargo Trucks. A quantity of four cargo trucks were awarded to FCA LLC Inc. (Auburn Hills, MI) and one truck was awarded to Ford Motor Company (Dearborn, MI). A final contract is expected to be awarded by Naval Facilities Far East (Japan), by April 2019, for a quantity of two cargo trucks.

There are multiple contractors for FY18 Carryall Trucks. The first contract was awarded to Fleet Vehicle Source (Covina, CA) for a quantity one. A second contract was awarded to Ford Motor Company (Dearborn, MI) for a quantity of four.

There will be multiple contractors for FY18 Fuel Servicing Trucks. The first contact was awarded to Walker Group Holdings (New Lisbon, WI) for a quantity one. A second contract is expected to be awarded by March 2019 for a quantity of two trucks.

There will be multiple contractors for FY18 Flatbed Truck. The first contract was awarded to Truck Country Freightliner (Kaukauna,WI) for the truck chassis. A second contract is expected to be awarded by Mar 2019 for the flatbed body to be added to the truck chassis.

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	11	-	-	63	-	63
Gross/Weapon System Cost (\$ in Millions)	331.922	2.685	6.271	10.058	-	10.058
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	331.922	2.685	6.271	10.058	-	10.058
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	331.922	2.685	6.271	10.058	-	10.058

(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)	30,174.727	-	-	159.651	-	159.651

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

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 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 ^(†)	-	-	-	77.000	1	0.077	136.000	9	1.224	138.000	15	2.070	-	-	-	138.000	15	2.070
Servicing Platform Truck ^(†)	-	-	-	179.000	4	0.716	162.933	15	2.444	165.214	14	2.313	-	-	-	165.214	14	2.313
Line Construction Maint. Truck ^(†)	-	-	-	224.000	1	0.224	209.000	1	0.209	211.000	7	1.477	-	-	-	211.000	7	1.477
Sludge Disposal Truck ^(†)	-	-	-	337.000	3	1.011	345.000	2	0.690	348.000	5	1.740	-	-	-	348.000	5	1.740
Refuse Collection Truck ^(†)	-	-	-	-	-	-	240.000	2	0.480	242.000	5	1.210	-	-	-	242.000	5	1.210
Special Purpose Vehicles ^(†)	30,174.727	11	331.922	-	-	0.657	72.000	17	1.224	73.412	17	1.248	-	-	-	73.412	17	1.248
<i>Subtotal: Recurring Cost</i>	-	-	331.922	-	-	2.685	-	-	6.271	-	-	10.058	-	-	-	-	-	10.058
<i>Subtotal: Flyaway Cost</i>	-	-	331.922	-	-	2.685	-	-	6.271	-	-	10.058	-	-	-	-	-	10.058
Gross/Weapon System Cost	30,174.727	11	331.922	-	-	2.685	-	-	6.271	159.651	63	10.058	-	-	-	159.651	63	10.058

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	-	-	61	-	61
	Total Obligation Authority	2.685	6.271	9.784	-	9.784

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
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 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
ANG	Quantity	-	-	2	-	2
	Total Obligation Authority	-	-	0.274	-	0.274
Total:	Quantity	-	-	63	-	63
Secondary Distribution	Total Obligation Authority	2.685	6.271	10.058	-	10.058

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

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Exhibit P-5a, Procurement History and Planning: PB 2020 Army							Date: March 2019				
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	Broadway Truck Centers / St Louis,MO	C / FP	GSA, Washington DC	Sep 2018	Apr 2019	1	77.000	Y		
Dump Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	Apr 2019	Oct 2019	9	136.000	N		
Dump Truck		2020	TBS / TBS	C / FP	GSA, Washington DC	Apr 2020	Oct 2020	15	138.000	N		
Servicing Platform Truck		2018	Multiple / Multiple	C / FP	GSA, Washington DC	Aug 2018	Mar 2019	4	179.000	Y		
Servicing Platform Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	Jun 2019	Jan 2020	15	162.933	N		
Servicing Platform Truck		2020	TBS / TBS	C / FP	GSA, Washington DC	Jun 2020	Jan 2021	14	165.214	N		
Line Construction Maint. Truck		2018	TBS / TBS	C / FP	GSA, Washington DC	Mar 2019	Oct 2019	1	224.000	N		
Line Construction Maint. Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	May 2019	Dec 2019	1	209.000	N		
Line Construction Maint. Truck		2020	TBS / TBS	C / FP	GSA, Washington DC	May 2020	Dec 2020	7	211.000	N		
Sludge Disposal Truck		2018	Multiple / Multiple	C / FP	GSA, Washington DC	Sep 2018	Sep 2019	3	337.000	N		
Sludge Disposal Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	Jun 2019	Jan 2020	2	345.000	N		
Sludge Disposal Truck		2020	TBS / TBS	C / FP	GSA, Washington DC	Jun 2020	Jan 2021	5	348.000	N		
Refuse Collection Truck		2019	TBS / TBS	C / FP	GSA, Washington DC	Jun 2019	Dec 2019	2	240.000	N		
Refuse Collection Truck		2020	TBS / TBS	C / FP	GSA, Washington DC	Jun 2020	Dec 2020	5	242.000	N		
Special Purpose Vehicles		2019	TBS / TBS	C / FP	GSA, Washington DC	Jun 2019	Dec 2019	17	72.000	N		
Special Purpose Vehicles		2020	TBS / TBS	C / FP	GSA, Washington DC	Jun 2020	Dec 2020	17	73.412	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.

There are multiple contractors for FY18 Servicing Platform Trucks. The Servicing Platform Truck contractors are Bauscher Miet - Und Vertriebs GMBH (Germany) for a quantity of one, and Altec Industries (Birmingham, AL) for a quantity of three.

There will be also be multiple contractors for Sludge Disposal Trucks. The first contract was awarded by Army Europe Contracting Command to Freund Landmaschinen GMBH (Germany) for a quantity of one truck. A second contract is expected to be awarded by March 2019 for a quantity of two trucks. The second contract will be awarded by the Army Contracting Center in Warren, MI.