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**Department of Defense
Fiscal Year (FY) 2025 Budget Estimates**

March 2024



Army

Justification Book Volume 3 of 3

Other Procurement, Army

Other Support Equipment and Initial Spares, Budget Activity 3/4

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Army • Budget Estimates FY 2025 • Procurement

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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, \$8,588,034 thousand to remain available for obligation until September 30, 2027.

Fiscal Year (FY) 2025 Overseas Operations Costs funding accounted for in the Base budget total \$229,522 thousand.

FY 2023 includes \$249,394 thousand in Overseas Operations Costs (OOC) Actuals. FY 2024 includes \$254,542 thousand in OOC Requested. FY 2025 includes \$229,522 thousand for the OOC Budget Estimate. OOC were financed previously with former Overseas Contingency Operations (OCO) funding.

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Appropriation: 2035 Other Procurement, Army		Ident		FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
<u>Budget Activity 01: Tactical and support vehicles</u>									
Tactical Vehicles									
1	Semitrailers, Flatbed:	A	U		24,035		22,751		26,132
2	Semitrailers, tankers	A	U		14,869		40,359		59,602
3	HI MOB MULTI-PURP WHLD VEH (HMMWV)		U		145,459		25,904		5,265
4	Ground Mobility Vehicles (GMV)	A	U		44,316		36,223		34,407
5	ARNG HMMWV Modernization Program	A	U		120,000				
6	JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICL	A	U		858,780		839,413		653,223
7	TRUCK, DUMP, 20T (CCE)		U		30,000		20,075		19,086
8	Family Of Medium Tactical Veh (FMTV)		U		211,378		110,734		133,924
9	Family of Cold Weather All-Terrain Vehicle (C	A	U		36,472		28,745		72,760
10	Firetrucks & Associated Firefighting Equip		U		39,950		55,340		36,726

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
11	Family Of Heavy Tactical Vehicles (FHTV)		U		275,047		66,428		98,906
12	PLS ESP	A	U		50,001		51,868		80,256
13	Hvy Expanded Mobile Tactical Truck Ext Serv		U		16,719				949
14	Tactical Wheeled Vehicle Protection Kits	A	U		20,000		3,792		2,747
15	Modification Of In Svc Equip		U		140,869		80,326		169,726
Non-Tactical Vehicles									
16	Passenger Carrying Vehicles		U		1,286		2,203		3,875
17	NonTactical Vehicles, Other	A	U		10,559		8,246		10,792
Total Tactical and support vehicles					2,039,740		1,392,407		1,408,376
<u>Budget Activity 02: Communications and electronics equipment</u>									
Comm - Joint Communications									
18	Signal Modernization Program	A	U		167,058		161,585		127,479
19	Tactical Network Technology Mod In Svc	A	U		362,862		358,646		280,798

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
20	Disaster Incident Response Comms Terminal (DI	A	U		4,066		254		
21	JCSE Equipment (USRDECOM)		U		5,505		5,097		5,504
Comm - Satellite Communications									
22	Spectrum METSAT	A	U		5,000				
23	SPECTRUM CBRS		U		3,860				
24	Defense Enterprise Wideband Satcom Systems		U		107,228		101,181		87,058
25	Transportable Tactical Command Communications	A	U		105,305		54,849		34,939
26	SHF Term		U		23,173		41,634		43,897
27	Assured Positioning, Navigation and Timing	A	U		166,226		202,370		235,272
28	EHF SATELLITE COMMUNICATION		U		5,853		19,122		16,028
29	SMART-T (SPACE)		U		4,916				
30	Global Brdcst Svc - GBS		U		3,179		531		534
31	Spectrum Microwave		U		22,972				

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
Comm - C3 System									
32	COE Tactical Server Infrastructure (TSI)	A	U		90,387		77,999		61,772
Comm - Combat Communications									
33	Handheld Manpack Small Form Fit (HMS)	A	U		660,270		765,109		704,118
34	ARMY LINK 16 SYSTEMS	A	U		43,521		60,767		104,320
35	Tactical Communications And Protective System	A	U		15,000				
36	Unified Command Suite	A	U		30,178		18,999		20,445
37	COTS Communications Equipment	A	U		321,261		492,001		489,754
38	Family of Med Comm for Combat Casualty Care	A	U		7,621		1,374		
39	Army Communications & Electronics	A	U		40,537		52,485		60,611
Comm - Intelligence Comm									
40	CI AUTOMATION ARCHITECTURE-INTEL	A	U		13,441		16,767		15,512

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
41	Defense Military Deception Initiative	A	U		902				
42	MULTI-DOMAIN INTELLIGENCE	A	U		18,637		119,989		163,077
Information Security									
43	Information System Security Program-ISSP	A	U		1,019		701		337
44	Communications Security (COMSEC)	A	U		125,692		159,712		157,400
45	Defensive CYBER Operations	A	U				13,848		
46	Insider Threat Program - Unit Activity Monito	A	U		1,437		1,502		
47	BIOMETRIC ENABLING CAPABILITY (BEC)		U		816		453		45
48	ARCYBER DEFENSIVE CYBER OPERATIONS	A	U		13,940				
Comm - Long Haul Communications									
49	Base Support Communications		U		28,512		23,278		26,446
Comm - Base Communications									
50	Information Systems		U		55,036		32,608		75,505

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
51	Emergency Management Modernization Program	A	U		5,036		4,949		15,956
52	Installation Info Infrastructure Mod Program	A	U		212,766		243,011		150,779
Elect Equip - Tact Int Rel Act (TIARA)									
56	JTT/CIBS-M	B	U		2,352		8,543		9,221
57	TERRESTRIAL LAYER SYSTEMS (TLS)		U		8,382		85,486		96,925
58	DRUG INTERDICTION PROGRAM (DIP) (TIARA)		U		4,155				
59	DCGS-A-INTEL		U		86,734		2,980		4,122
60	JOINT TACTICAL GROUND STATION (JTAGS)-INTEL	A	U		349				
61	TROJAN	B	U		20,562		30,649		39,344
62	MOD OF IN-SVC EQUIP (INTEL SPT)		U		45,424		4,169		6,541
63	CI AND HUMINT INTELLIGENCE (HUMINT) CAPABILIT	A	U					0	3,899
64	BIOMETRIC TACTICAL COLLECTION DEVICES	A	U		2,269		932		2,089

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
Elect Equip - Electronic Warfare (EW)									
65	EW Planning & Management Tools (EWPMT)	A	U		4,482		21,278		26,327
66	AIR VIGILANCE (AV)	A	U		5,688		6,641		9,956
67	Multi-Function Electronic Warfare (MFEW) Syst	A	U		3,060		15,941		17,004
68	FAMILY OF PERSISTENT SURVEILLANCE CAP.	A	U						13,225
69	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES		U		11,712		22,833		20,951
70	CI MODERNIZATION	A	U		437		434		260
Elect Equip - Tactical Surv. (Tac Surv)									
71	Sentinel Mods		U		214,736		161,886		180,253
72	Night Vision Devices	A	U		392,369		141,143		377,443
73	Small Tactical Optical Rifle Mounted MLRF		U		11,357		15,484		10,864
74	Indirect Fire Protection Family Of Systems	A	U						63,122
75	FAMILY OF WEAPON SIGHTS (FWS)	A	U		199,148		185,634		207,352

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
76	ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE		U		5,116		3,652		2,971
77	Forward Looking Infrared (IFLIR)	A	U		37,914		20,438		68,504
78	COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS)	A	U		299,789		365,376		251,596
79	JOINT BATTLE COMMAND - PLATFORM (JBC-P)	A	U		186,515		215,290		184,610
80	JOINT EFFECTS TARGETING SYSTEM (JETS)		U		2,576		8,932		9,345
81	Computer Ballistics: LHMBC XM32	A	U		4,833		2,965		2,966
82	Mortar Fire Control System		U		4,879		8,024		4,660
83	Mortar Fire Control Systems Modifications		U		4,370		7,399		6,098
84	Counterfire Radars		U		409,362		99,782		21,250
Elect Equip - Tactical C2 Systems									
85	Army Command Post Integrated Infrastructure (A	U		50,455		78,512		20,039
86	Fire Support C2 Family	A	U		9,676		10,052		16,240

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
87	AIR & MSL Defense Planning & Control Sys		U		72,619		68,892		80,011
88	IAMD Battle Command System	A	U		459,343		412,556		403,028
89	AIAMD FAMILY OF SYSTEMS (FOS) COMPONENTS	A	U					0	2,756
90	Life Cycle Software Support (LCSS)		U		4,586		4,270		5,360
91	Network Management Initialization and Service	A	U		37,199		37,194		48,994
92	Global Combat Support System-Army (GCSS-A)	A	U		4,102		1,987		4,103
93	Integrated Personnel and Pay System-Army (IPP)	A	U		6,926		5,318		6,512
94	MOD of In-Svc Equipment (ENFIRE)	A	U		15,076		4,997		5,017
Elect Equip - Automation									
95	Army Training Modernization		U		8,033		10,130		10,065
96	Automated Data Processing Equip		U		78,100		61,489		78,613
97	ACCESSIONS INFORMATION ENVIRONMENT (AIE)		U				4,198		1,303
98	General Fund Enterprise Business Systems Fam	A	U		97				

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
99	High Perf Computing Mod Pgm (HPCMP)	A	U		88,655		76,053		76,327
100	Contract Writing System	A	U		4,020		6,061		1,667
101	CSS Communications	A	U		60,879		56,804		60,850
Elect Equip - Support									
102	BCT Emerging Technologies	A	U		12,853				
Classified Programs									
999	Classified Programs		U		1,596		1,781		1,817
Total Communications and electronics equipment					5,555,997		5,307,006		5,341,186
<u>Budget Activity 03: Other support equipment</u>									
Chemical Defensive Equipment									
103	Family Of Non-Lethal Equipment (FNLE)	A	U		12,000				
104	Base Defense Systems (BDS)	A	U		40,716		70,781		32,879
105	CBRN Defense	A	U		56,129		63,198		57,408

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
Bridging Equipment									
106	Tactical Bridging		U		13,785		1,157		
107	Tactical Bridge, Float-Ribbon		U				82,228		97,231
108	BRIDGE SUPPLEMENTAL SET	A	U		439		4,414		
109	Common Bridge Transporter (CBT) Recap	A	U		10,379				
Engineer (Non-Construction) Equipment									
110	Handheld Standoff Minefield Detection Sys-HST	B	U		5,091				
111	Robotics and Applique Systems		U		52,340		68,893		62,469
112	Render Safe Sets kits Outfits	A	U						16,440
113	Family of Boats and Motors	A	U				4,785		1,922
Combat Service Support Equipment									
114	Heaters and ECU's	A	U		7,672		7,617		14,355

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
115	Personnel Recovery Support System (PRSS)	A	U		4,691		5,356		6,503
116	Ground Soldier System	A	U		124,828		167,129		141,613
117	Mobile Soldier Power	A	U		13,034		15,967		23,129
118	Force Provider	A	U		12,000		34,200		9,569
119	Cargo Aerial Del & Personnel Parachute System		U		42,444		45,792		46,312
120	Family Of Engr Combat and Construction Sets	A	U				12,118		9,217
121	Items Less Than \$5M (Eng Spt)	A	U		4,155				
Petroleum Equipment									
122	QUALITY SURVEILLANCE EQUIPMENT	A	U		1,045		2,507		2,879
123	Distribution Systems, Petroleum & Water		U		33,844		40,989		57,050
Medical Equipment									
124	Combat Support Medical		U		100,791		86,829		72,157
Maintenance Equipment									

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
125	Mobile Maintenance Equipment Systems	A	U		176,545		17,287		26,271
Construction Equipment									
126	Tractor, Full Tracked	A	U				29,878		
127	All Terrain Cranes	A	U		27,669		27,725		114
128	High Mobility Engineer Excavator (HMEE)	A	U		10,000				31,663
129	Family of Diver Support Equipment	A	U		3,256		1,811		
130	Const Equip ESP		U		4,169		8,898		8,925
Rail Float Containerization Equipment									
131	Army Watercraft Esp	A	U		47,889		30,592		55,459
132	Maneuver Support Vessel (MSV)	B	U		97,676		149,449		66,634
133	Items Less Than \$5.0M (Float/Rail)	A	U		10,131				20,036
Generators									

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
134	Generators And Associated Equip	A	U		112,689		78,364		81,540
135	Tactical Electric Power Recapitalization	A	U		8,761		11,088		12,051
Material Handling Equipment									
136	Family Of Forklifts	A	U		9,308		12,982		7,849
Training Equipment									
137	Combat Training Centers Support		U		48,044		56,619		40,686
138	Training Devices, Nonsystem		U		179,879		226,379		174,890
139	Synthetic Training Environment (STE)		U		186,540		234,965		218,183
140	Gaming Technology In Support of Army Training		U		9,546		9,698		10,172
Test Measure and Dig Equipment (TMD)									
141	Integrated Family Of Test Equipment (IFTE)		U		76,834		36,149		48,329
142	Test Equipment Modernization (TEMOD)	A	U	0	30,134		32,623		46,128
Other Support Equipment									

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
143	Physical Security Systems (OPA3)	A	U		123,806		132,739		138,459
144	Base Level Common Equipment		U		31,417		34,460		29,968
145	Modification Of In-Svc Equipment (OPA-3)		U		55,367		35,239		42,487
146	BUILDING, PRE-FAB, RELOCATABLE	A	U		25,151		31,011		26,980
147	Special Equipment for Test and Evaluation	B	U		88,779		52,481		90,705
148	Closed Account Adjustments		U				8		
Total Other support equipment					1,898,981		1,964,397		1,828,662

Budget Activity 04: Spares and repair parts

OPA2

149	INITIAL SPARES - C&E		U		10,463		9,169		9,810
Total Spares and repair parts					10,463		9,169		9,810

Budget Activity 20: Undistributed

Undistributed

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Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
150	Adj to Match Continuing Resolution	A	U				-76,375		
Total Undistributed							-76,375		
Total Other Procurement, Army					9,505,181		8,596,604		8,588,034

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Spectrum METSAT	2936B09800	22	02	18.....	Volume 2 - 28
Spectrum Microwave	9923B09900	31	02	18.....	Volume 2 - 98
Synthetic Training Environment (STE)	2079NA2000	139	03	70.....	Volume 3 - 396
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Tactical Network Technology Mod In Svc	1982B07100	19	02	12.....	Volume 2 - 13
Tactical Wheeled Vehicle Protection Kits	8980D04003	14	01	10.....	Volume 1 - 168
Test Equipment Modernization (TEMOD)	0605G02510	142	03	80.....	Volume 3 - 444
Tractor, Full Tracked	4700M05800	126	03	50.....	Volume 3 - 243
Training Devices, Nonsystem	2062NA0100	138	03	70.....	Volume 3 - 349
Transportable Tactical Command Communications (T2C)	2956B85800	25	02	18.....	Volume 2 - 43
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104	03	10	2300M90101	Base Defense Systems (BDS).....	Volume 3 - 2
105	03	10	4516M01001	CBRN Defense.....	Volume 3 - 13
106	03	15	2831MX0100	Tactical Bridging.....	Volume 3 - 44
107	03	15	3542MA8890	Tactical Bridge, Float-Ribbon.....	Volume 3 - 46
108	03	15	3758G06520	BRIDGE SUPPLEMENTAL SET.....	Volume 3 - 59
109	03	15	3974G07000	Common Bridge Transporter (CBT) Recap.....	Volume 3 - 60
110	03	20	2876R68200	Handheld Standoff Minefield Detection Sys-HSTAMIDS.....	Volume 3 - 62
111	03	20	4868W12002	Robotics and Applique Systems.....	Volume 3 - 64
112	03	20	5913R63610	Render Safe Sets kits Outfits.....	Volume 3 - 87
113	03	20	8500R12001	Family of Boats and Motors.....	Volume 3 - 94
114	03	25	0100MF9000	Heaters and ECU's.....	Volume 3 - 95
115	03	25	8822G01101	Personnel Recovery Support System (PRSS).....	Volume 3 - 104
116	03	25	8825R80501	Ground Soldier System.....	Volume 3 - 109
117	03	25	8827R80800	Mobile Soldier Power.....	Volume 3 - 115
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120	03	25	9462R70001	Family Of Engr Combat and Construction Sets.....	Volume 3 - 146
121	03	25	9530ML5301	Items Less Than \$5M (Eng Spt).....	Volume 3 - 161
122	03	30	0725MB6400	QUALITY SURVEILLANCE EQUIPMENT.....	Volume 3 - 163
123	03	30	4700MA6000	Distribution Systems, Petroleum & Water.....	Volume 3 - 165
124	03	40	7500MN1000	Combat Support Medical.....	Volume 3 - 201
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133	03	55	9552ML5355	Items Less Than \$5.0M (Float/Rail).....	Volume 3 - 286
134	03	60	0426MA9800	Generators And Associated Equip.....	Volume 3 - 289
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Army Watercraft Esp	3569M11101	131	03	55.....	Volume 3 - 265
BRIDGE SUPPLEMENTAL SET	3758G06520	108	03	15.....	Volume 3 - 59
BUILDING, PRE-FAB, RELOCATABLE	1500MA9160	146	03	90.....	Volume 3 - 515
Base Defense Systems (BDS)	2300M90101	104	03	10.....	Volume 3 - 2
Base Level Common Equipment	0312MB7000	144	03	90.....	Volume 3 - 477
CBRN Defense	4516M01001	105	03	10.....	Volume 3 - 13
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Cargo Aerial Del & Personnel Parachute Systems	9140MA7804	119	03	25.....	Volume 3 - 135
Combat Support Medical	7500MN1000	124	03	40.....	Volume 3 - 201
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Common Bridge Transporter (CBT) Recap	3974G07000	109	03	15.....	Volume 3 - 60
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Gaming Technology In Support of Army Training	6860NA0176	140	03	70.....	Volume 3 - 425
Generators And Associated Equip	0426MA9800	134	03	60.....	Volume 3 - 289
Ground Soldier System	8825R80501	116	03	25.....	Volume 3 - 109
Handheld Standoff Minefield Detection Sys-HSTAMIDS	2876R68200	110	03	20.....	Volume 3 - 62
Heaters and ECU's	0100MF9000	114	03	25.....	Volume 3 - 95
High Mobility Engineer Excavator (HMEE)	7495R05901	128	03	50.....	Volume 3 - 247
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Integrated Family Of Test Equipment (IFTE)	0200MB4000	141	03	80.....	Volume 3 - 431
Items Less Than \$5.0M (Float/Rail)	9552ML5355	133	03	55.....	Volume 3 - 286
Items Less Than \$5M (Eng Spt)	9530ML5301	121	03	25.....	Volume 3 - 161
Maneuver Support Vessel (MSV)	8211R01001	132	03	55.....	Volume 3 - 276
Mobile Maintenance Equipment Systems	0639G05301	125	03	45.....	Volume 3 - 214
Mobile Soldier Power	8827R80800	117	03	25.....	Volume 3 - 115
Modification Of In-Svc Equipment (OPA-3)	1110MA4500	145	03	90.....	Volume 3 - 481
Personnel Recovery Support System (PRSS)	8822G01101	115	03	25.....	Volume 3 - 104
Physical Security Systems (OPA3)	0050MA0780	143	03	90.....	Volume 3 - 462
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Robotics and Applique Systems	4868W12002	111	03	20.....	Volume 3 - 64
Special Equipment for Test and Evaluation	1573MA6820	147	03	90.....	Volume 3 - 524
Synthetic Training Environment (STE)	2079NA2000	139	03	70.....	Volume 3 - 396
Tactical Bridge, Float-Ribbon	3542MA8890	107	03	15.....	Volume 3 - 46
Tactical Bridging	2831MX0100	106	03	15.....	Volume 3 - 44
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Test Equipment Modernization (TEMOD)	0605G02510	142	03	80.....	Volume 3 - 444
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Training Devices, Nonsystem	2062NA0100	138	03	70.....	Volume 3 - 349

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Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Lookup Matrix by Model

Model:	-FIRES-	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
M15561	FIRES MODS	No

Model:	-	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
MA4501	MODIFICATION KITS	No
MA4502	INSTALLATION OF MODIFICATIONS	No

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 Exhibit P-1M, Procurement Programs - Modification Summary
 (Funding for Modifications)

Funding (\$ M)

P-3a Modification Title	PYS	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Exhibit P-3a										
FIRES MODS	-	2.477	9.124	8.069	-	8.069	-	-	-	-
MODIFICATION KITS	1,114.274	37.891	20.282	26.258	-	26.258	20.117	35.663	32.332	32.655
INSTALLATION OF MODIFICATIONS	287.458	4.999	5.833	8.160	-	8.160	5.575	9.861	9.848	9.903
Totals (Total Obligation Authority)										
Total Obligation Authority	1,401.732	45.367	35.239	42.487	0.000	42.487	25.692	45.524	42.180	42.558

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 10: Chemical Defensive Equipment	P-1 Line Item Number / Title: 2224M11205 / Family Of Non-Lethal Equipment (FNLE)
--	--

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,272	300	-	-	-	-	-	-	-	-	-	1,572
Gross/Weapon System Cost (<i>\$ in Millions</i>)	131.521	12.000	-	-	-	-	-	-	-	-	-	143.521
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	131.521	12.000	-	-	-	-	-	-	-	-	-	143.521
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	131.521	12.000	-	-	-	-	-	-	-	-	-	143.521

(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>)	103.397	40.000	-	-	-	-	-	-	-	-	-	91.298

Description:

This line contains Non-Lethal Equipment, All Types.

M11309 The Acoustic Hailing Device (AHD) is a non-kinetic, long range hailing and warning device capable of producing highly directional sound beams to project warning tones and intelligible voice commands to distances of at least 300 meters with background noise present at the target's location. AHD is an enabler for Soldier Lethality by allowing units to quickly determine intent and control actions of potentially hostile personnel, as an escalation of force measure, making operational forces more efficient and lethal. AHD can also be an enabler for the Next Gen Combat Vehicle modernization priority as a means of protecting the host vehicle from personnel with the intent to damage the vehicle and its associated equipment (i.e., sensors and/or personnel). AHDs will support Military Police (MP), Transportation, and Psychological Operations (PSYOP) units and is used in both Combat operations and Homeland Defense. This item is Code A, approved for service use.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	300	-	-	-	-	-	-	-
	Total Obligation Authority	12.000	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	300	-	-	-	-	-	-	-
	Total Obligation Authority	12.000	-	-	-	-	-	-	-

Justification:

M11205 has no FY 2025 funding request.

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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 10: Chemical Defensive Equipment	P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)
--	---

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	11	18	28	9	-	9	-	-	-	-	-	66
Gross/Weapon System Cost (<i>\$ in Millions</i>)	47.866	40.716	70.781	32.879	-	32.879	-	-	-	-	-	192.242
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	47.866	40.716	70.781	32.879	-	32.879	-	-	-	-	-	192.242
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	47.866	40.716	70.781	32.879	-	32.879	-	-	-	-	-	192.242

(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>)	4,351.455	2,262.000	2,527.893	3,653.222	-	3,653.222	-	-	-	-	-	2,912.758

Description:

Base Defense Systems (BDS) includes Integrated Ground Security, Surveillance and Response Capability (IGSSR-C) (M90106), Ground-Based Operational Surveillance System (Expeditionary) (G-BOSS(E)) (M90212), and Security Surveillance System (SSS) (M90220) [formerly known as Tactical Security System (TSS)].

IGSSR-C (M90106) provides a layered approach to integrate sensors, sensor systems and unmanned systems with automated fusion capabilities to create an in-depth security, surveillance and response Force Protection (FP) COP capability for CONUS fixed, OCONUS semi-fixed or expeditionary elements in all Operating Environments (OE). This capability will enable rapid decision analysis, speed the response process as well as increase information dissemination horizontally and vertically along the chain of command and with outside supporting organizations. IGSSR-C is a software centric fusion engine that connects legacy and emerging FP systems, legacy Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE), unmanned systems, biometric identification and forensic data systems. The desired end state is to achieve interoperability with current and emerging FP systems used by Joint Forces, Department of Defense (DoD) agencies and multi-national forces.

Ground-Based Operational Surveillance System (Expeditionary) (G-BOSS(E)) (M90212) will provide improved persistent surveillance capabilities, network integration and force protection capabilities utilizing advanced sensor configurations. G-BOSS(E) provides enhanced surveillance and observation in expeditionary environments utilizing modular trailer-based sensor configurations; Medium variant (mid-sensor height) for small to medium size bases, and Heavy variant (high-level sensor height) for large contingency base camps. G-BOSS(E) will operate in a stand-alone mode or as part of an integrated network utilizing government-owned software, be easily operated and maintained, and be rugged enough to support employment in expeditionary operations worldwide.

Security Surveillance System (SSS) (M90220) [formerly known as Tactical Security System (TSS)] provides a modular, scalable, lightweight, rapidly deployable, ground based security and surveillance Family of Systems designed for hasty emplacement to support short and long term security, surveillance and detection missions. The system will be tailorable to support various missions including internment/resettlement operations; perimeter security; internal security within base camps or installations; and external security outside the perimeter. SSS will be employed at fixed, semi-fixed or expeditionary sites providing all weather imaging during daylight/twilight and during periods of limited visibility regardless of environmental conditions to enhance the Commander's situational awareness and increase Soldier survivability. SSS is designed to be employed as a standalone force protection system, in a layered effort or integrated with additional force protection systems including motion, acoustic, seismic, surface and subterranean detection technologies. SSS will address four of the five base camp core protection/security capabilities identified in the IBD Concept of Operations including perimeter security, entry control, persistent surveillance and warning and alerting. SSS can be employed in support of contingency, short-notice, early-entry operations in a variety of weather and terrain from open desert to complex urban environments. SSS will assist in countering individuals and provide clandestine observation of detainees, individuals, either on foot or in vehicles from intruding into areas designated for security purposes. SSS will allow the Commander to detect and observe enemy or adversarial forces from a distance prior to entering the base area of operations. This advanced warning will allow the Commander to better deploy forces in a more effective manner to mitigate threat.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 10: Chemical Defensive Equipment		P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)
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		

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	14	28	-	-	-	-	-	-	-
	Total Obligation Authority	27.926	70.781	-	-	-	-	-	-	-
ANG	Quantity	2	-	9	-	9	-	-	-	-
	Total Obligation Authority	3.989	-	25.587	-	25.587	-	-	-	-
AR	Quantity	2	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.801	-	7.292	-	7.292	-	-	-	-
Total: Secondary Distribution	Quantity	18	28	9	-	9	-	-	-	-
	Total Obligation Authority	40.716	70.781	32.879	-	32.879	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 10:
Chemical Defensive Equipment **P-1 Line Item Number / Title:**
2300M90101 / Base Defense Systems (BDS)

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	M90106 / IntegGrdSecSurvRespC (IGSSR-C)				- / -	- / -	- / 0.201	- / -	- / -	- / -
P-5	M90212 / GRND-BASED OPNL SURV SYS (EXPED) (GBOSS-E)	P-5a			2 / 19.802	16 / 31.915	24 / 56.707	9 / 25.587	- / -	9 / 25.587
P-5	M90220 / TACTICAL SECURITY SYSTEM (TSS)	P-5a			9 / 28.064	2 / 8.801	4 / 13.873	- / 7.292	- / -	- / 7.292
P-40	Total Gross/Weapon System Cost				11 / 47.866	18 / 40.716	28 / 70.781	9 / 32.879	- / -	9 / 32.879

*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 2025 Base dollars in the amount of \$32.879 million supports the following:

 FY 2025 M90212 / Ground-Based Operational Surveillance System (Expeditionary) (G-BOSS(E)) - Base procurement dollars of \$25.587 million provides procurement of 9 medium systems, depot facilitization, initial fielding support, training and program management to provide system fielding and training to Headquarters and Headquarters Detachment (HHD) Military Police (MP) Battalions in support of Base - Operation Enduring Sentinel (BOES). G-BOSS(E) is a persistent surveillance system that operates in a stand-alone mode or as part of an integrated network utilizing government owned software, easily operated and maintained, and rugged enough to support employment in expeditionary operations worldwide. Medium trailer systems have an approximate 6m mast height for small-medium Operating Bases/ Outposts. Heavy trailer systems have an approximate 25m mast height for large Operating Bases.

FY 2025 M90220 / Security Surveillance System (SSS) [formerly known as Tactical Security System (TSS)] - Base procurement dollars of \$7.292 million provides depot facilitization, initial fielding support, training and program management to provide system fielding and training to Military Police (MP) Detention Battalion units in support of Base - Operation Enduring Sentinel (BOES). This will provide a modular, scalable, lightweight, rapidly deployable, ground based security and surveillance Family of Systems (FoS). The design of SSS allows for hasty emplacement and is tailorable to support short and long term security, surveillance and detection missions.

Overseas Operations Costs (OOC) funds this requirement in the amount of \$32.879 million for FY 2025 Budget Estimate. Overseas Operations Costs (OOC) are those financed with former Overseas Contingency Operations (OCO) funding.

 In accordance with Section 1815 of the FY2008 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. All quantities and funding are for Active Components.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10		P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)
		Item Number / Title [DODIC]: M90106 / IntegGrdSecSurvRespC (IGSSR-C)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	0.201	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	0.201	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	0.201	-	-	-

(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>	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Close Out for Program Termination	-	-	-	-	-	-	-	-	0.201	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	0.201	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	0.201	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	0.201	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	0.201	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	-	0.201	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10		P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)
		Item Number / Title [DODIC]: M90212 / GRND-BASED OPNL SURV SYS (EXPED) (GBOSS-E)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		2	16	24	9	-	9
Gross/Weapon System Cost (\$ in Millions)		19.802	31.915	56.707	25.587	-	25.587
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		19.802	31.915	56.707	25.587	-	25.587
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		19.802	31.915	56.707	25.587	-	25.587
<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)		9,901.000	1,994.688	2,362.792	2,843.000	-	2,843.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
G-BOSS(E) Equipment ^(†)	240.500	2	0.481	1,393.313	16	22.293	1,829.792	24	43.915	1,677.778	9	15.100	-	-	-	1,677.778	9	15.100
G-BOSS(E) Production Labor	-	-	1.889	-	-	1.834	-	-	1.870	-	-	1.907	-	-	-	-	-	1.907
<i>Subtotal: Recurring Cost</i>	-	-	2.370	-	-	24.127	-	-	45.785	-	-	17.007	-	-	-	-	-	17.007
Subtotal: Hardware Cost	-	-	2.370	-	-	24.127	-	-	45.785	-	-	17.007	-	-	-	-	-	17.007
Software Cost																		
Non Recurring Cost																		
Compute Sensor Environment (CE) - Integrated System Architecture (ISA)	-	-	-	-	-	0.402	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	0.402	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Software Cost	-	-	-	-	-	0.402	-	-	-	-	-	-	-	-	-	-	-	-
Support - Data Cost																		
Technical Publications	-	-	0.215	-	-	0.617	-	-	0.630	-	-	0.642	-	-	-	-	-	0.642
<i>Subtotal: Support - Data Cost</i>	-	-	0.215	-	-	0.617	-	-	0.630	-	-	0.642	-	-	-	-	-	0.642
Support - Engineering Change Proposals Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10						P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)						Item Number / Title [DODIC]: M90212 / GRND-BASED OPNL SURV SYS (EXPED) (GBOSS-E)					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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	-	-	0.223	-	-	0.548	-	-	0.559	-	-	0.185	-	-	-	-	-	0.185
<i>Subtotal: Support - Engineering Change Proposals Cost</i>	-	-	0.223	-	-	0.548	-	-	0.559	-	-	0.185	-	-	-	-	-	0.185
Support - Fielding Cost																		
Fielding	-	-	14.564	-	-	2.379	-	-	5.584	-	-	1.522	-	-	-	-	-	1.522
<i>Subtotal: Support - Fielding Cost</i>	-	-	14.564	-	-	2.379	-	-	5.584	-	-	1.522	-	-	-	-	-	1.522
Support - New Equipment Training (NET) Cost																		
Equipment	-	-	-	-	-	0.205	-	-	0.209	-	-	0.213	-	-	-	-	-	0.213
<i>Subtotal: Support - New Equipment Training (NET) Cost</i>	-	-	-	-	-	0.205	-	-	0.209	-	-	0.213	-	-	-	-	-	0.213
Support - Non-Recurring Support Cost																		
Facilitization	-	-	-	-	-	-	-	-	-	-	-	2.000	-	-	-	-	-	2.000
<i>Subtotal: Support - Non-Recurring Support Cost</i>	-	-	-	-	-	-	-	-	-	-	-	2.000	-	-	-	-	-	2.000
Support - Program Management Cost																		
Contractor Management	-	-	1.053	-	-	0.745	-	-	0.759	-	-	0.774	-	-	-	-	-	0.774
Government Management	-	-	1.377	-	-	2.070	-	-	2.322	-	-	2.368	-	-	-	-	-	2.368
<i>Subtotal: Support - Program Management Cost</i>	-	-	2.430	-	-	2.815	-	-	3.081	-	-	3.142	-	-	-	-	-	3.142
Support - System Engineering Cost																		
System Engineering	-	-	-	-	-	0.822	-	-	0.859	-	-	0.876	-	-	-	-	-	0.876
<i>Subtotal: Support - System Engineering Cost</i>	-	-	-	-	-	0.822	-	-	0.859	-	-	0.876	-	-	-	-	-	0.876
Gross/Weapon System Cost	9,901.000	2	19.802	1,994.688	16	31.915	2,362.792	24	56.707	2,843.000	9	25.587	-	-	2,843.000	9	25.587	

Remarks:

1.) FY23 & FY25 Unit Cost lower due to Government Furnished Equipment (GFE) excess provided from the BETTS-C (Base Expeditionary Targeting System of Systems-Combined) program

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)	Item Number / Title [DODIC]: M90212 / GRND-BASED OPNL SURV SYS (EXPED) (GBOSS-E)

ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:				
Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	14	24	-	-	-
	Total Obligation Authority	27.926	56.707	-	-	-
ANG	Quantity	2	-	9	-	9
	Total Obligation Authority	3.989	-	25.587	-	25.587
Total:	Quantity	16	24	9	-	9
Secondary Distribution	Total Obligation Authority	31.915	56.707	25.587	-	25.587

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10			P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)				Item Number / Title [DODIC]: M90212 / GRND-BASED OPNL SURV SYS (EXPED) (GBOSS-E)					
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
G-BOSS(E) Equipment		2023	Naval Surface Warfare Center (NSWC) Crane / Crane, IN	SS / IDIQ	Crane, IN	Oct 2022	May 2023	16	1,393.313	Y		
G-BOSS(E) Equipment		2024	Naval Surface Warfare Center (NSWC) Crane / Crane, IN	SS / IDIQ	Crane, IN	Jan 2024	Sep 2024	24	1,829.792	Y		
G-BOSS(E) Equipment		2025	Naval Surface Warfare Center (NSWC) Crane / Crane, IN	SS / IDIQ	Crane, IN	Jan 2025	Sep 2025	9	1,677.778	Y		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10		P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)
		Item Number / Title [DODIC]: M90220 / TACTICAL SECURITY SYSTEM (TSS)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	9	2	4	-	-	-
Gross/Weapon System Cost (\$ in Millions)	28.064	8.801	13.873	7.292	-	7.292
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	28.064	8.801	13.873	7.292	-	7.292
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	28.064	8.801	13.873	7.292	-	7.292

(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)	3,118.222	4,400.500	3,468.250	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
SSS Equipment ⁽¹⁾	1,710.333	9	15.393	1,906.000	2	3.812	1,384.667	3	4.154	-	-	-	-	-	-	-	-	-
SSS Contractor PMO	-	-	5.539	-	-	2.445	-	-	2.385	-	-	1.204	-	-	-	-	-	1.204
SSS Engineering Change Proposals	-	-	0.615	-	-	0.199	-	-	0.285	-	-	0.075	-	-	-	-	-	0.075
SSS Software Support	-	-	1.405	-	-	0.281	-	-	1.404	-	-	0.800	-	-	-	-	-	0.800
SSS Initial Fielding Support	-	-	-	-	-	-	-	-	2.531	-	-	1.432	-	-	-	-	-	1.432
SSS Initial Spares	-	-	3.011	-	-	-	-	-	0.297	-	-	0.220	-	-	-	-	-	0.220
SSS Training/Manuals	-	-	-	-	-	0.134	-	-	0.381	-	-	0.168	-	-	-	-	-	0.168
SSS Test & Evaluation	-	-	0.448	-	-	0.234	-	-	0.093	-	-	0.096	-	-	-	-	-	0.096
SSS Depot Facilitization	-	-	-	-	-	-	-	-	-	-	-	1.195	-	-	-	-	-	1.195
Subtotal: Recurring Cost	-	-	26.411	-	-	7.105	-	-	11.530	-	-	5.190	-	-	-	-	-	5.190
Subtotal: Flyaway Cost	-	-	26.411	-	-	7.105	-	-	11.530	-	-	5.190	-	-	-	-	-	5.190
Software Cost																		
Non Recurring Cost																		
Compute Sensor Environment (CE) - Integrated System Architecture (ISA)	-	-	-	-	-	0.111	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10		P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:
Item Number / Title [DODIC]: M90220 / TACTICAL SECURITY SYSTEM (TSS)		

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	0.111	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Software Cost</i>	-	-	-	-	-	0.111	-	-	-	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Contractor Management	-	-	0.992	-	-	1.196	-	-	0.778	-	-	0.794	-	-	-	-	-	0.794
Government Management	-	-	0.661	-	-	0.389	-	-	1.565	-	-	1.308	-	-	-	-	-	1.308
<i>Subtotal: Support - Program Management Cost</i>	-	-	1.653	-	-	1.585	-	-	2.343	-	-	2.102	-	-	-	-	-	2.102
Gross/Weapon System Cost	3,118.222	9	28.064	4,400.500	2	8.801	3,468.250	4	13.873	-	-	7.292	-	-	-	-	-	7.292

Remarks:

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	4	-	-	-
	Total Obligation Authority	-	13.873	-	-	-
AR	Quantity	2	-	-	-	-
	Total Obligation Authority	8.801	-	7.292	-	7.292
Total: Secondary Distribution	Quantity	2	4	-	-	-
	Total Obligation Authority	8.801	13.873	7.292	-	7.292

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10			P-1 Line Item Number / Title: 2300M90101 / Base Defense Systems (BDS)				Item Number / Title [DODIC]: M90220 / TACTICAL SECURITY SYSTEM (TSS)					
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
SSS Equipment		2021	Advanced Technology Systems Company Inc / Mclean VA	C / FFP	Fort Belvoir	Sep 2021	Aug 2022	9	1,609.889	N		
SSS Equipment		2023	Advanced Technology Systems Company Inc / Mclean VA	C / FFP	Fort Belvoir	Oct 2022	Jul 2023	2	1,906.000	N		
SSS Equipment		2024	Advanced Technology Systems Company Inc / Mclean VA	C / FFP	Fort Belvoir	Dec 2023	Aug 2024	3	1,384.667	Y		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 10: Chemical Defensive Equipment	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	4,337	2,531	4,349	2,149	-	2,149	8,639	8,644	17,909	11,025	-	59,583
Gross/Weapon System Cost <i>(\$ in Millions)</i>	232.704	56.129	63.198	57.408	-	57.408	56.324	67.756	87.848	89.646	-	711.013
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	232.704	56.129	63.198	57.408	-	57.408	56.324	67.756	87.848	89.646	-	711.013
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	232.704	56.129	63.198	57.408	-	57.408	56.324	67.756	87.848	89.646	-	711.013

(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>	53.656	22.177	14.532	26.714	-	26.714	6.520	7.839	4.905	8.131	-	11.933

Description:

Funds acquisition of critically required Chemical Biological Radiological equipment needed to support Army mission requirements for six Programs of Record: Collective Protection (CP) (M01006), Radiological Detection System (RDS) (M01280), NBCRV SSU (M02241), Explosive Ordnance Disposal (EOD) Dismounted Reconnaissance SKO (DR SKO) (M09988), Joint Personal Dosimeter-Individual (JPD-I) (W43487), and Man-Portable Radiological Detection System (MRDS) (W56532).

Collective Protection (M01006) platforms include hard and soft wall shelters, vehicles, and structures. The Chemically Protected Deployable Medical System Program procures equipment that provides chemical and biological protection to US Army field hospitals.

The Radiological Detection System (RDS) (M01280) is intended to replace DoD's legacy RADIAC survey meters (AN/PDR-77, MFR Suite, and ADM-300). The RDS will provide the Warfighter with an enhanced capability to detect alpha, beta, gamma, neutron, and field identification of low energy x-rays (FIDLER).

The Nuclear Biological Chemical Reconnaissance Vehicle Sensor Suite Upgrade (NBCRV SSU) (M02241) provides maneuver formations the ability to conduct mounted Chemical Biological Radiological and Nuclear (CBRN) reconnaissance and surveillance. The NBCRV SSU will answer the commander's priority intelligence requirements & facilitate proactive risk-based decisions, to ensure freedom of action and maintain maneuver momentum in Large Scale Combat Operations. NBCRV SSU is an ACAT II modification work order (MWO) effort to modernize the current NBCRV Sensor Suite to increase maintainability, reliability, maneuverability of the force, and standoff distance from the threat, via enhanced CBRN standoff capabilities & integrating onto robotics for manned unmanned teaming.

The EOD DR SKO (M09988) procures a subset of capabilities within the CBRN DRS capabilities for the EOD Warfighter. The CBRN DRS provides Warfighters with a comprehensive suite of protection, detection, identification, sample collection, hazard marking, decontamination, and other support capabilities which are used for during CBRN reconnaissance and during explosive ordnance render safe operations. The Warfighter will use the respiratory and percutaneous protection to prevent potential contamination while conducting operations, sensor capabilities to find CBRN and toxic industrial hazards to determine the appropriate action during operations, and the decontamination kit to remove contamination from personnel and equipment. In accordance with the ADM, signed 3QFY20, EOD DRSKO and CBRN DRS were combined into a single program.

The Joint Personal Dosimeter Individual (JPD-I) (W43487) provides sensor capability for a component to passively record and retrieve a Service member's radiation exposure.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 10: Chemical Defensive Equipment	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

The Man-Portable Radiological Detection System (MRDS) (W56532) is a system that provides increased radiological nuclear detection, localization, and presumptive and fielding-confirmatory identification of special nuclear material (SN) capabilities that are networked to provide a near real-time situational awareness at the tactical level.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	287	27	1,022	-	1,022	4,275	4,276	9,295	7,267
	Total Obligation Authority	51.410	45.164	36.284	-	36.284	37.844	44.597	71.713	80.384
ANG	Quantity	2,220	4,322	536	-	536	2,199	2,131	4,256	1,883
	Total Obligation Authority	4.017	18.034	11.397	-	11.397	12.437	6.319	7.451	7.694
AR	Quantity	24	-	591	-	591	2,165	2,237	4,358	1,875
	Total Obligation Authority	0.702	-	9.727	-	9.727	6.043	16.840	8.684	1.568
Total: Secondary Distribution	Quantity	2,531	4,349	2,149	-	2,149	8,639	8,644	17,909	11,025
	Total Obligation Authority	56.129	63.198	57.408	-	57.408	56.324	67.756	87.848	89.646

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 10: Chemical Defensive Equipment **P-1 Line Item Number / Title:**
 4516M01001 / CBRN Defense

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	M01006 / COLLECTIVE PROTECTION (CP)	P-5a, P-21	B		- / 88.591	- / -	- / 4.333	1 / 9.968	- / -	1 / 9.968
P-5	M01280 / Radiological Detection System	P-5a			32 / 53.301	330 / 13.211	322 / 13.837	127 / 13.603	- / -	127 / 13.603
P-5	M02241 / NBCRV SSU	P-5a, P-21			- / -	2 / 20.247	4 / 32.509	4 / 24.477	- / -	4 / 24.477
P-5	M09988 / EOD Dismounted Reconnaissance SKO (DR SKO)	P-5a			27 / 86.997	3 / 8.524	- / 1.980	- / -	- / -	- / -
P-5	W43487 / Joint Personal Dosimeter-Individual (JPD-I)	P-5a			4,278 / 3.815	2,176 / 2.038	4,010 / 4.208	2,010 / 3.465	- / -	2,010 / 3.465
P-5	W56532 / Man-Portable Radiological Detection System (MRDS)	P-5a			- / -	20 / 12.109	13 / 6.331	7 / 5.895	- / -	7 / 5.895
P-40	Total Gross/Weapon System Cost				4,337 / 232.704	2,531 / 56.129	4,349 / 63.198	2,149 / 57.408	- / -	2,149 / 57.408

*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 2025 base procurement dollars of \$57.408 million supports the following:

 Collective Protection (M01006):

FY 2025 base procurement dollars of \$9.968 million supports the procurement of one 32-bed CP DEPMEDS (Chemical Protected Deployable Medical System) for use in a follow-on Operational Test and Evaluation. This Modernized CP DEPMEDS Set will be configured to match the new force design update configuration of Army field hospitals. Once the follow on Operational Test is completed, this set will be refurbished for future fielding.

 Radiological Detection System (RDS) (M01280)

FY 2025 Base procurement dollars of \$13.603 million will support the procurement and fielding of 127 Radiological Detection System as the first Joint solution to provide the Warfighter with the net-ready capability to measure alpha, beta, gamma, neutron, and low energy x-rays. Replaces DoD's legacy RADIAC survey meters (AN/PDR-77, VDR-2, MFR Suite, and ADM-300). This equipment will be used to increase capability and reduce life-cycle costs, address Operation Tomodachi Lessons Learned for common, interoperable equipment with adequate sensitivity and common units of measure.

Unit pricing of Configurations varies by fiscal year based on quantities of systems being procured across the Joint Services, not only the Army. In addition to procurement of systems, FY25 includes funding calibration equipment to support the RDS.

 NBCRV SSU (M02241)

FY 2025 base procurement dollars in the amount of \$24.477 million supports the procurement of four (4) Nuclear Biological Chemical Reconnaissance Vehicle Sensor Suite Upgrade (NBCRV SSU) Capability Set 2.1 (CS2.1) systems and associated engineering and logistics costs to support production and fielding.

 EOD Dismounted Reconnaissance SKO (DR SKO) (M09988):

FY 2025 no funding requested.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 10: Chemical Defensive Equipment		P-1 Line Item Number / Title: 4516M01001 / CBRN Defense
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		
<p>----- Joint Personal Dosimeter Individual (JPD-I) (W43487):</p> <p>FY 2025 base procurement dollars of \$3.454 million supports the procurement of 2,000 Joint Personal Dosimeter Individual (JPD-I) sensors to provide a component to passively record and retrieve a Service member's radiation exposure. FY 2025 BEDI procurement dollars in the amount of \$0.011 million procures 10 systems in support of the Enduring Requirement for the European Deterrence Initiative (EDI). These systems are fielded to unit in Europe to ensure the warfighter has the ability to detect, record exposure in a CBRN environment, and respond to ongoing threat in Europe.</p> <p>----- Man-portable Radiological Detection Systems (MRDS) (W56532):</p> <p>FY 2025 base procurement dollars in the amount of \$4.653 million supports the procurement and fielding of six Man-portable Radiological Detection System (MRDS) systems. FY 2025 BPD3 procurement dollars in the amount of \$1.242 million supports the procurement and fielding of one MRDS system in support of the Pacific Deterrence Initiative (PDI). MRDS provides increased dismounted Radiological Nuclear (RN) detection, localization, and presumptive and field-confirmatory identification of special nuclear materiel (SNM) capabilities. The MRDS will be networked to provide a near real-time situational awareness at the tactical level.</p> <p>Overseas Operations Costs (OOC) funds this requirement in the amount of \$.011 million for FY 2025 Budget Estimate. Overseas Operations Costs (OOC) are those financed with former Overseas Contingency Operations (OCO) funding.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</p>		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M01006 / COLLECTIVE PROTECTION (CP)

ID Code (A=Service Ready, B=Not Service Ready) : B				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		-	-	-	1	-	1
Gross/Weapon System Cost (\$ in Millions)		88.591	-	4.333	9.968	-	9.968
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		88.591	-	4.333	9.968	-	9.968
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		88.591	-	4.333	9.968	-	9.968
<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)		-	-	-	9,968.000	-	9,968.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
CP DEPMEDS 32-Bed Kit ^(†)	-	-	16.221	-	-	-	2,745.000	1	2.745	7,207.000	1	7.207	-	-	-	7,207.000	1	7.207
<i>Subtotal: Recurring Cost</i>	-	-	16.221	-	-	-	-	-	2.745	-	-	7.207	-	-	-	-	-	7.207
Non Recurring Cost																		
Accounting Adjustment	-	-	66.986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	66.986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	83.207	-	-	-	-	-	2.745	-	-	7.207	-	-	-	-	-	7.207
Hardware Cost																		
Recurring Cost																		
CP DEPMEDS Set Assembly	-	-	-	-	-	-	-	-	-	-	-	0.993	-	-	-	-	-	0.993
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.993	-	-	-	-	-	0.993
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.993	-	-	-	-	-	0.993
Logistics Cost																		
Recurring Cost																		
Logistics/IPT Support	-	-	-	-	-	-	-	-	0.412	-	-	0.404	-	-	-	-	-	0.404
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	0.412	-	-	0.404	-	-	-	-	-	0.404
<i>Subtotal: Logistics Cost</i>	-	-	-	-	-	-	-	-	0.412	-	-	0.404	-	-	-	-	-	0.404

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M01006 / COLLECTIVE PROTECTION (CP)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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	-	-	1.837	-	-	-	-	-	0.370	-	-	0.450	-	-	-	-	-	0.450
Contractor Management	-	-	1.628	-	-	-	-	-	0.343	-	-	0.647	-	-	-	-	-	0.647
<i>Subtotal: Support - Program Management Cost</i>	-	-	3.465	-	-	-	-	-	0.713	-	-	1.097	-	-	-	-	-	1.097
Support - Staging and Transportation Cost																		
Staging and Transportation	-	-	1.919	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Staging and Transportation Cost</i>	-	-	1.919	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
Support - System Engineering Cost																		
System Engineering	-	-	-	-	-	-	-	-	0.413	-	-	0.267	-	-	-	-	-	0.267
<i>Subtotal: Support - System Engineering Cost</i>	-	-	-	-	-	-	-	-	0.413	-	-	0.267	-	-	-	-	-	0.267
Gross/Weapon System Cost	-	-	88.591	-	-	-	-	-	4.333	9,968.000	1	9.968	-	-	-	9,968.000	1	9.968

Remarks:

FY24 funds will procure a portion of the 32-bed kit for the user assessment that will occur in FY24. FY25 funds will procure the remainder of the FY24 32-bed kit and an additional complete 32-bed kit, this added kit will be fielded. The 32-bed kit is made up of multiple end items that are each usable/fieldable on their own for a variety of purposes. All procured completed 32-bed kits will be fielded.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	1	-	1
	Total Obligation Authority	-	4.333	9.968	-	9.968
Total:	Quantity	-	-	1	-	1
Secondary Distribution	Total Obligation Authority	-	4.333	9.968	-	9.968

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10			P-1 Line Item Number / Title: 4516M01001 / CBRN Defense				Item Number / Title [DODIC]: M01006 / COLLECTIVE PROTECTION (CP)					
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
CP DEPMEDS 32-Bed Kit		2024	Various / Various	PO	N/A	Jan 2024	Feb 2025	1	2,745.000	Y		
CP DEPMEDS 32-Bed Kit ^(†)		2025	Various / Various	Various	Various	Jan 2025	Feb 2026	1	7,207.000	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10										P-1 Line Item Number / Title: 4516M01001 / CBRN Defense										Item Number / Title [DODIC]: M01006 / COLLECTIVE PROTECTION (CP)									

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2024										Fiscal Year 2025										BALANCE
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024										Calendar Year 2025										
							O C T	N O V	D E C	J A N	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	

CP DEPMEDES 32-Bed Kit																													
1	2025	ARMY		1		0	1																						1

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10		P-1 Line Item Number / Title: 4516M01001 / CBRN Defense
Item Number / Title [DODIC]: M01006 / COLLECTIVE PROTECTION (CP)		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Various - Various	1	5	5	0	3	13	16	0	3	13	16

Remarks:
FY25 funding supports purchase of one 32 Bed Kit; lead time for delivery includes compiling all requirements to complete one full kit.

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M01280 / Radiological Detection System
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)	32	330	322	127	-	127
Gross/Weapon System Cost (<i>\$ in Millions</i>)	53.301	13.211	13.837	13.603	-	13.603
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	53.301	13.211	13.837	13.603	-	13.603
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	53.301	13.211	13.837	13.603	-	13.603

(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>)	1,665.656	40.033	42.972	107.110	-	107.110

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Radiological Detection System Hardware Config 1 ^(†)	1.630	1,546	2.520	-	-	-	-	-	-	4.571	7	0.032	-	-	-	4.571	7	0.032
Radiological Detection System Hardware Config 2 ^(†)	18.771	306	5.744	32.912	228	7.504	37.847	300	11.354	36.867	120	4.424	-	-	-	36.867	120	4.424
Radiological Detection System Hardware Config 3 ^(†)	20.244	795	16.094	40.304	102	4.111	-	-	-	-	-	-	-	-	-	-	-	-
Radiological Detection System Warranty	-	-	4.150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prior YR Engineering Production	-	-	3.062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	31.570	-	-	11.615	-	-	11.354	-	-	4.456	-	-	-	-	-	4.456
Subtotal: Flyaway Cost	-	-	31.570	-	-	11.615	-	-	11.354	-	-	4.456	-	-	-	-	-	4.456
Package Fielding Cost																		
Recurring Cost																		
Prior YR Fielding Logistics Support JPD-I	-	-	1.233	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding Cost RDS	-	-	1.889	-	-	0.300	-	-	0.600	-	-	0.300	-	-	-	-	-	0.300
Subtotal: Recurring Cost	-	-	3.122	-	-	0.300	-	-	0.600	-	-	0.300	-	-	-	-	-	0.300

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M01280 / Radiological Detection System

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Package Fielding Cost</i>	-	-	3.122	-	-	0.300	-	-	0.600	-	-	0.300	-	-	-	-	-	0.300
Logistics Cost																		
Recurring Cost																		
Logistics Support RDS	-	-	2.000	-	-	0.300	-	-	0.200	-	-	0.200	-	-	-	-	-	0.200
<i>Subtotal: Recurring Cost</i>	-	-	2.000	-	-	0.300	-	-	0.200	-	-	0.200	-	-	-	-	-	0.200
<i>Subtotal: Logistics Cost</i>	-	-	2.000	-	-	0.300	-	-	0.200	-	-	0.200	-	-	-	-	-	0.200
Support - Production Engineering Cost																		
Production Engineering	-	-	2.565	-	-	0.150	-	-	0.300	1,053.000	1	1.053	-	-	-	1,053.000	1	1.053
<i>Subtotal: Support - Production Engineering Cost</i>	-	-	2.565	-	-	0.150	-	-	0.300	-	-	1.053	-	-	-	-	-	1.053
Support - Program Management Cost																		
Government Management	-	-	10.009	-	-	0.696	-	-	1.083	1,324.000	1	1.324	-	-	-	1,324.000	1	1.324
<i>Subtotal: Support - Program Management Cost</i>	-	-	10.009	-	-	0.696	-	-	1.083	-	-	1.324	-	-	-	-	-	1.324
Support - Quality Assurance Cost																		
Quality Assurance	-	-	4.035	-	-	0.150	-	-	0.300	270.000	1	0.270	-	-	-	270.000	1	0.270
<i>Subtotal: Support - Quality Assurance Cost</i>	-	-	4.035	-	-	0.150	-	-	0.300	-	-	0.270	-	-	-	-	-	0.270
Support - Support Equipment Cost																		
Test and Measurement Equipment	-	-	-	-	-	-	-	-	-	6,000.000	1	6.000	-	-	-	6,000.000	1	6.000
<i>Subtotal: Support - Support Equipment Cost</i>	-	-	-	-	-	-	-	-	-	-	-	6.000	-	-	-	-	-	6.000
Gross/Weapon System Cost	1,665.656	32	53.301	40.033	330	13.211	42.972	322	13.837	107.110	127	13.603	-	-	-	107.110	127	13.603

Remarks:

The Radiological Detection System (RDS) is an ACAT III program. This program provides a standard Department of Defense (DoD) RDS that will replace the current radiation detection, indication, and computation (RADIAC) systems (AN/PDR-77, AN/VDR-2, ADM-300, and MFR Suite) used by the Joint Services and consolidate the capabilities into one joint solution. The RDS consists of a hand held base unit with beta/gamma detection capability and six probes. The RDS incorporates geolocation data- Global Positioning System (GPS) interface capability, Network Ready (NetReady) data and lessons learned from Operation TOMODACHI which includes common measurements, common equipment and adequate sensitivity. The program received a successful Milestone C Decision in June of 2023 and will proceed in to Full Rate Production in FY2024.

FY 2025 Base procurement dollars of \$13.577 million will support the procurement and fielding of 127 Radiological Detection System as the first Joint solution to provide the Warfighter with the net-ready capability to measure alpha, beta, gamma, neutron, and low energy x-rays. FY25 funding also includes calibration equipment to support the RDS.

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M01280 / Radiological Detection System
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Unit pricing of configurations varies by fiscal year based on quantities of systems being procured across the Joint Services, not only the Army.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	238	-	7	-	7
	Total Obligation Authority	10.519	-	0.100	-	0.100
ANG	Quantity	68	322	31	-	31
	Total Obligation Authority	1.990	13.837	6.200	-	6.200
AR	Quantity	24	-	89	-	89
	Total Obligation Authority	0.702	-	7.303	-	7.303
Total:	Quantity	330	322	127	-	127
Secondary Distribution	Total Obligation Authority	13.211	13.837	13.603	-	13.603

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M01280 / Radiological Detection System
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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
Radiological Detection System Hardware Config 1		2019	Visionary Products Inc. / Draper, UT	Option / FPIF	ACC APG, MD	Sep 2019	Apr 2023	1,546	1.630	Y		
Radiological Detection System Hardware Config 1		2025	Visionary Products Inc. / Draper, UT	Option / FFP	ACC APG, MD	Apr 2025	Dec 2026	7	4.571	N		
Radiological Detection System Hardware Config 2		2019	Visionary Products Inc. / Draper, UT	Option / FPIF	ACC APG, MD	Sep 2019	Apr 2023	274	16.460	Y		
Radiological Detection System Hardware Config 2		2022	Visionary Products Inc. / Draper, UT	Option / FFP	ACC APG, MD	Sep 2022	Jun 2024	32	38.563	N		
Radiological Detection System Hardware Config 2		2023	Visionary Products Inc. / Draper, UT	Option / FFP	ACC APG, MD	Sep 2023	Mar 2025	228	32.912	N		
Radiological Detection System Hardware Config 2		2025	Visionary Products Inc. / Draper, UT	Option / FFP	ACC APG, MD	Apr 2025	Dec 2026	120	36.867	N		
Radiological Detection System Hardware Config 3		2019	Visionary Products Inc. / Draper, UT	Option / FPIF	ACC APG, MD	Sep 2019	Apr 2023	795	19.274	Y		
Radiological Detection System Hardware Config 3		2023	Visionary Products Inc. / Draper, UT	Option / FFP	ACC APG, MD	Sep 2023	Mar 2025	102	40.304	N		

Remarks:
Unit pricing of configurations varies by fiscal year based on quantities of systems being procured across the Joint Services, not only the Army. In addition to procurement of systems, FY25 includes funding calibration equipment to support the RDS.

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M02241 / NBCRV SSU
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)	-	2	4	4	-	4
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	20.247	32.509	24.477	-	24.477
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	20.247	32.509	24.477	-	24.477
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	20.247	32.509	24.477	-	24.477

(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>)	-	10,123.500	8,127.250	6,119.250	-	6,119.250

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																			
CS2.1 Engineering Services Non-Recurring Production	-	-	-	-	-	-	-	-	-	-	-	2.190	-	-	-	-	-	2.190	
CS2.1 Systems Engineering Program Management	-	-	-	-	-	1.236	-	-	-	-	-	-	-	-	-	-	-	-	
CS2.2 Systems Engineering Program Management	-	-	-	-	-	-	-	-	-	-	-	1.730	-	-	-	-	-	1.730	
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	1.236	-	-	-	-	-	3.920	-	-	-	-	-	3.920	
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	1.236	-	-	-	-	-	3.920	-	-	-	-	-	3.920	
Hardware Cost																			
Recurring Cost																			
NBCRV SSU Hardware CS2.1 Systems ^(f)	-	-	-	-	-	-	3,479.500	2	6.959	3,170.000	4	12.680	-	-	-	-	3,170.000	4	12.680
NBCRV SSU Hardware CS2.2 Systems ^(f)	-	-	-	4,021.000	2	8.042	6,691.500	2	13.383	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	8.042	-	-	20.342	-	-	12.680	-	-	-	-	-	-	12.680
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	8.042	-	-	20.342	-	-	12.680	-	-	-	-	-	-	12.680
Package Fielding Cost																			

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10						P-1 Line Item Number / Title: 4516M01001 / CBRN Defense						Item Number / Title [DODIC]: M02241 / NBCRV SSU					

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Recurring Cost																		
NBCRV SSU Fielding Cost	-	-	-	-	-	0.582	-	-	0.599	-	-	0.621	-	-	-	-	-	0.621
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.582	-	-	0.599	-	-	0.621	-	-	-	-	-	0.621
<i>Subtotal: Package Fielding Cost</i>	-	-	-	-	-	0.582	-	-	0.599	-	-	0.621	-	-	-	-	-	0.621
Logistics Cost																		
Recurring Cost																		
NBCRV SSU Logistics Costs	-	-	-	-	-	1.142	-	-	5.201	-	-	1.450	-	-	-	-	-	1.450
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	1.142	-	-	5.201	-	-	1.450	-	-	-	-	-	1.450
Non Recurring Cost																		
NBCRV SSU Logistics/Non-Hardware Non-Recurring	-	-	-	-	-	3.198	-	-	3.317	-	-	1.274	-	-	-	-	-	1.274
NBCRV SSU Technical Manuals and Training	-	-	-	-	-	4.027	-	-	-	-	-	1.100	-	-	-	-	-	1.100
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	7.225	-	-	3.317	-	-	2.374	-	-	-	-	-	2.374
<i>Subtotal: Logistics Cost</i>	-	-	-	-	-	8.367	-	-	8.518	-	-	3.824	-	-	-	-	-	3.824
Support - Program Management Cost																		
Government Management	-	-	-	-	-	2.020	-	-	3.050	-	-	3.432	-	-	-	-	-	3.432
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	2.020	-	-	3.050	-	-	3.432	-	-	-	-	-	3.432
Gross/Weapon System Cost	-	-	-	10,123.500	2	20.247	8,127.250	4	32.509	6,119.250	4	24.477	-	-	-	6,119.250	4	24.477

Remarks:

FY25 will fund production of Capability Set 2.1 (CS2.1) systems and associated engineering and logistics costs to support production and fielding of four capability sets. In FY25 the program is only scheduled to produce and field CS2.1 systems, resulting in a decreased funding request.

The NBCRV SSU is a system of systems. Different components feed Capability Set 2.1 and Capability set 2.2. As such, unit cost varies between each Capability Set. Additionally, unit costs vary between fiscal years for each Capability Set due to hardware integration and installation costs per year based on program schedule.

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M02241 / NBCRV SSU
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	2	4	4	-	4
	Total Obligation Authority	20.247	32.509	24.477	-	24.477
Total:	Quantity	2	4	4	-	4
Secondary Distribution	Total Obligation Authority	20.247	32.509	24.477	-	24.477

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M02241 / NBCRV SSU
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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
NBCRV SSU Hardware CS2.1 Systems ^(†)		2024	Teledyne FLIR / Elkridge, MD	C / FFP	ACC-NJ	Aug 2024	Aug 2025	2	3,479.500	N		
NBCRV SSU Hardware CS2.1 Systems ^(†)		2025	Teledyne FLIR / Elkridge, MD	C / FFP	ACC-NJ	Dec 2024	Dec 2025	4	3,170.000	N		
NBCRV SSU Hardware CS2.2 Systems		2023	Multiple Vendors / Multiple Locations	C / FFP	ACC-NJ	May 2023	Aug 2023	2	4,021.000	N		
NBCRV SSU Hardware CS2.2 Systems		2024	TBD / TBD	C / CPFF	ACC-NJ	Dec 2023	Feb 2025	2	6,691.500	N		

^(†) indicates the presence of a P-21

Remarks:

The NBCRV SSU is a system of systems. Different components feed Capability Set 2.1 and Capability set 2.2. As such, unit cost varies between each Capability Set. Additionally, unit costs vary between fiscal years for each Capability Set due to hardware integration and installation costs per year based on program schedule. Contract awards consist of multiple vendors in multiple locations.

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10 **P-1 Line Item Number / Title:** 4516M01001 / CBRN Defense **Item Number / Title [DODIC]:** M02241 / NBCRV SSU

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025												Fiscal Year 2026												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025												Calendar Year 2026												
							O C T	N O V	D E C	J A N	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
NBCRV SSU Hardware CS2.1 Systems																															
1		2024	ARMY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
1		2025	ARMY	4	0	4			A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M02241 / NBCRV SSU
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Teledyne FLIR - Elkridge, MD	1	1	10	2	10	12	22	2	2	12	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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M09988 / EOD Dismounted Reconnaissance SKO (DR SKO)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	27	3	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	86.997	8.524	1.980	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	86.997	8.524	1.980	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	86.997	8.524	1.980	-	-	-

(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)	3,222.111	2,841.333	-	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
NBCRV SSU CS2.1	7,654.000	1	7.654	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	7.654	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost	-	-	7.654	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware Cost																		
Recurring Cost																		
CBRND DRS EOD Configuration ^(†)	2,183.462	13	28.385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMY EOD DR SKO Configuration ^(†)	1,824.192	26	47.429	2,319.000	3	6.957	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	75.814	-	-	6.957	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware Cost	-	-	75.814	-	-	6.957	-	-	-	-	-	-	-	-	-	-	-	-
Package Fielding Cost																		
Recurring Cost																		
Fielding, New Equipment and Doctrine & Tactics Training (DTT)	-	-	1.139	-	-	-	-	-	0.819	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	1.139	-	-	-	-	-	0.819	-	-	-	-	-	-	-	-	-
Subtotal: Package Fielding Cost	-	-	1.139	-	-	-	-	-	0.819	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: M09988 / EOD Dismounted Reconnaissance SKO (DR SKO)

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Logistics Cost																		
Recurring Cost																		
Logistics Support	-	-	0.709	-	-	1.205	-	-	0.549	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	0.709	-	-	1.205	-	-	0.549	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics Cost</i>	-	-	0.709	-	-	1.205	-	-	0.549	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Government Management	-	-	1.681	-	-	0.362	-	-	0.612	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	1.681	-	-	0.362	-	-	0.612	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	3,222.111	27	86.997	2,841.333	3	8.524	-	-	1.980	-	-	-	-	-	-	-	-	-

Remarks:

The Explosive Ordnance Disposal (EOD) Dismounted Reconnaissance Sets, Kits and Outfits (DR SKO) will be used to procure the CBRN capabilities developed by the CBRN DRS for the EOD Warfighter. The EOD DR SKO provides EOD Warfighters with a comprehensive suite of protection, detection, identification, sample collection, hazard marking, decontamination, and other support capabilities for use during explosive ordnance render safe operations. The Warfighter will use the CBRN DRS respiratory and percutaneous protection to prevent potential contamination while conducting operations, sensor capabilities to find CBRN and toxic industrial hazards to determine the appropriate action during operations, and the decontamination kit to remove contamination from personnel and equipment.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	3	-	-	-	-
	Total Obligation Authority	8.524	1.980	-	-	-
Total:	Quantity	3	-	-	-	-
Secondary Distribution	Total Obligation Authority	8.524	1.980	-	-	-

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10			P-1 Line Item Number / Title: 4516M01001 / CBRN Defense				Item Number / Title [DODIC]: M09988 / EOD Dismounted Reconnaissance SKO (DR SKO)				

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
CBRND DRS EOD Configuration		2020	Pine Bluff Arsenal / Pine Bluff, Arkansas	MIPR	Pine Bluff Arsenal, Pine Bluff, AR	Jan 2020	Jun 2020	13	2,183.462	Y		
ARMY EOD DR SKO Configuration		2021	Pine Bluff Arsenal / Pine Bluff, Arkansas	MIPR	Pine Bluff Arsenal, Pine Bluff, AR	Jan 2021	Jun 2021	13	1,807.538	Y		
ARMY EOD DR SKO Configuration		2022	Pine Bluff Arsenal / Pine Bluff, Arkansas	MIPR	Pine Bluff Arsenal, Pine Bluff, AR	Apr 2022	Oct 2022	13	1,840.846	Y		
ARMY EOD DR SKO Configuration		2023	Pine Bluff Arsenal / Pine Bluff, Arkansas	MIPR	Pine Bluff Arsenal, Pine Bluff, AR	Feb 2023	Dec 2023	3	2,319.000	Y		

Remarks:
EOD DRSKO systems will be manufactured at Pine Bluff Arsenal concurrently with the CBRN DRSKO systems to maximize efficiencies and minimize costs of for components.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10		P-1 Line Item Number / Title: 4516M01001 / CBRN Defense
		Item Number / Title [DODIC]: W43487 / Joint Personal Dosimeter-Individual (JPD-I)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		4,278	2,176	4,010	2,010	-	2,010
Gross/Weapon System Cost (\$ in Millions)		3.815	2.038	4.208	3.465	-	3.465
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		3.815	2.038	4.208	3.465	-	3.465
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		3.815	2.038	4.208	3.465	-	3.465
<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)		0.892	0.937	1.049	1.724	-	1.724

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
JPD-(†)	0.398	4,135	1.646	0.644	1,110	0.715	0.610	4,010	2.445	0.797	2,010	1.602	-	-	-	0.797	2,010	1.602
Subtotal: Recurring Cost	-	-	1.646	-	-	0.715	-	-	2.445	-	-	1.602	-	-	-	-	-	1.602
Subtotal: Hardware Cost	-	-	1.646	-	-	0.715	-	-	2.445	-	-	1.602	-	-	-	-	-	1.602
Package Fielding Cost																		
Recurring Cost																		
Fielding Support	-	-	0.690	-	-	0.450	-	-	0.550	-	-	0.600	-	-	-	-	-	0.600
Subtotal: Recurring Cost	-	-	0.690	-	-	0.450	-	-	0.550	-	-	0.600	-	-	-	-	-	0.600
Subtotal: Package Fielding Cost	-	-	0.690	-	-	0.450	-	-	0.550	-	-	0.600	-	-	-	-	-	0.600
Logistics Cost																		
Recurring Cost																		
Logistics Support	-	-	0.505	-	-	0.350	-	-	0.500	-	-	0.550	-	-	-	-	-	0.550
Subtotal: Recurring Cost	-	-	0.505	-	-	0.350	-	-	0.500	-	-	0.550	-	-	-	-	-	0.550
Subtotal: Logistics Cost	-	-	0.505	-	-	0.350	-	-	0.500	-	-	0.550	-	-	-	-	-	0.550
Support - Program Management Cost																		
Government Management	-	-	0.973	-	-	0.523	-	-	0.712	-	-	0.714	-	-	-	-	-	0.714
Subtotal: Support - Program Management Cost	-	-	0.973	-	-	0.523	-	-	0.712	-	-	0.714	-	-	-	-	-	0.714

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: W43487 / Joint Personal Dosimeter-Individual (JPD-I)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Gross/Weapon System Cost	0.892	4,278	3.815	0.937	2,176	2.038	1.049	4,010	4.208	1.724	2,010	3.465	-	-	-	1.724	2,010	3.465

Remarks:

The Joint Personal Dosimeter-Individual (JPD-I) is intended to replace DoD's legacy dosimeters (the Navy's IM-270 and the Army's PDR-75 Series Systems). The JPD-I will provide a sensor to record and retrieve a Service member's radiation exposure from occupational to tactical levels. JPD-I is leveraging an ongoing Navy effort to replace the IM-270 with an objective of providing the Army and Navy with a common dosimeter. FY 2025 base procurement dollars of \$3.454 million supports the procurement of 2,000 Joint Personal Dosimeter Individual (JPD-I) sensors to provide a component to passively record and retrieve a Service member's radiation exposure. FY 2025 BEDI procurement dollars in the amount of \$0.011 million procures 10 systems in support of the Enduring Requirement for the European Deterrence Initiative (EDI).

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	24	10	1,010	-	1,010
	Total Obligation Authority	0.011	0.011	1.739	-	1.739
ANG	Quantity	2,152	4,000	500	-	500
	Total Obligation Authority	2.027	4.197	0.863	-	0.863
AR	Quantity	-	-	500	-	500
	Total Obligation Authority	-	-	0.863	-	0.863
Total: Secondary Distribution	Quantity	2,176	4,010	2,010	-	2,010
	Total Obligation Authority	2.038	4.208	3.465	-	3.465

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10			P-1 Line Item Number / Title: 4516M01001 / CBRN Defense				Item Number / Title [DODIC]: W43487 / Joint Personal Dosimeter-Individual (JPD-I)				

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
JPD-I		2021	Mirion Technologies / Smryna, GA	Option / FFP	Aberdeen Proving Grounds	Sep 2021	Mar 2022	2,976	0.500	Y		
JPD-I		2022	Mirion Technologies / Smryna, GA	Option / FFP	Aberdeen Proving Grounds	Aug 2022	Mar 2023	1,159	0.576	Y		
JPD-I		2023	Mirion Technologies / Smryna, GA	Option / FFP	Aberdeen Proving Grounds	Apr 2023	Aug 2023	1,110	0.644	Y		
JPD-I		2024	Mirion Technologies / Smryna, GA	C / FFP	Aberdeen Proving Grounds	Jul 2024	Feb 2025	4,010	0.610	Y		
JPD-I		2025	Mirion Technologies / Smryna, GA	Option / FFP	Aberdeen Proving Grounds	Jul 2025	May 2026	2,010	0.797	Y		

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Exhibit P-5, Cost Analysis: PB 2025 Army													Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10						P-1 Line Item Number / Title: 4516M01001 / CBRN Defense						Item Number / Title [DODIC]: W56532 / Man-Portable Radiological Detection System (MRDS)						
ID Code (A=Service Ready, B=Not Service Ready) :									MDAP/MAIS Code:									
Resource Summary				Prior Years		FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO		FY 2025 Total	
Procurement Quantity (<i>Units in Each</i>)				-		20			13			7			-		7	
Gross/Weapon System Cost (<i>\$ in Millions</i>)				-		12.109			6.331			5.895			-		5.895	
Less PY Advance Procurement (<i>\$ in Millions</i>)				-		-			-			-			-		-	
Net Procurement (P-1) (<i>\$ in Millions</i>)				-		12.109			6.331			5.895			-		5.895	
Plus CY Advance Procurement (<i>\$ in Millions</i>)				-		-			-			-			-		-	
Total Obligation Authority (<i>\$ in Millions</i>)				-		12.109			6.331			5.895			-		5.895	
<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>)				-		605.450			487.000			842.143			-		842.143	
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.																		
Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
MRDS Hardware	-	-	-	-	-	-	263.692	13	3.428	-	-	-	-	-	-	-	-	-
MRDS Hardware Configuration 1 ^(f)	-	-	-	306.000	8	2.448	-	-	-	472.000	7	3.304	-	-	-	472.000	7	3.304
MRDS Hardware Configuration 5 ^(f)	-	-	-	336.000	12	4.032	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	6.480	-	-	3.428	-	-	3.304	-	-	-	-	-	3.304
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	6.480	-	-	3.428	-	-	3.304	-	-	-	-	-	3.304
Package Fielding Cost																		
Recurring Cost																		
MRDS Fielding	-	-	-	-	-	0.750	-	-	0.764	-	-	0.779	-	-	-	-	-	0.779
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.750	-	-	0.764	-	-	0.779	-	-	-	-	-	0.779
<i>Subtotal: Package Fielding Cost</i>	-	-	-	-	-	0.750	-	-	0.764	-	-	0.779	-	-	-	-	-	0.779
Logistics Cost																		
Recurring Cost																		
MRDS Logistics	-	-	-	-	-	0.810	-	-	0.459	-	-	0.468	-	-	-	-	-	0.468
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.810	-	-	0.459	-	-	0.468	-	-	-	-	-	0.468
<i>Subtotal: Logistics Cost</i>	-	-	-	-	-	0.810	-	-	0.459	-	-	0.468	-	-	-	-	-	0.468
Support - Initial Spares and Repair Parts Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: W56532 / Man-Portable Radiological Detection System (MRDS)

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Initial Spares and Repair Parts	-	-	-	-	-	1.511	-	-	0.171	-	-	0.134	-	-	-	-	-	0.134
<i>Subtotal: Support - Initial Spares and Repair Parts Cost</i>	-	-	-	-	-	1.511	-	-	0.171	-	-	0.134	-	-	-	-	-	0.134
Support - Program Management Cost																		
Government Management	-	-	-	-	-	2.558	-	-	1.509	-	-	1.210	-	-	-	-	-	1.210
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	2.558	-	-	1.509	-	-	1.210	-	-	-	-	-	1.210
Gross/Weapon System Cost	-	-	-	605.450	20	12.109	487.000	13	6.331	842.143	7	5.895	-	-	-	842.143	7	5.895

Remarks:

FY 2025 base procurement dollars in the amount of \$5.895 million supports the procurement and fielding of six Man-portable Radiological Detection System (MRDS) systems. FY 2025 BPD3 procurement dollars in the amount of \$1.240 million supports the procurement and fielding of one MRDS systems in support of the Pacific Deterrence Initiative (PDI). The MRDS increases capabilities to detect, localize, presumptively identify, and field-confirm the presence of Special Nuclear Material. It is networked to provide near real-time, tactical level situational awareness during CWMD Interdiction and Elimination operations.

MRDS FY23 was broken out from M01008 and assigned APE W56532.

Unit cost for the procurement of the MRDS varies due to the type and quantity of the configurations that are needed in that fiscal year. There are five active MRDS configurations with unit costs ranging from approximately \$0.210 million to \$0.646 million: Configuration 1 - Hazardous Assessment Platoons (\$0.306 million), Configuration 2 - Recon/Decon Team/Ranger Regiment (\$0.210 million), Configuration 3 - Nuclear Disablement Teams (\$0.646 million), Configuration 5 - CBRNE Response Team (\$0.589 million), and Configuration 6 - Chemical Reconnaissance Detachment (\$0.336 million). Configuration 4 was intended to support the WMD Civil Support Teams but is not being pursued at this time. MRDS was assigned Line-Item Number's (LIN's) in FY23 for each configuration and will begin breaking out those configurations on the P-5 exhibit during the PB25 and BES26 cycles.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	20	13	-	-	-
	Total Obligation Authority	12.109	6.331	-	-	-
ANG	Quantity	-	-	5	-	5
	Total Obligation Authority	-	-	4.334	-	4.334
AR	Quantity	-	-	2	-	2
	Total Obligation Authority	-	-	1.561	-	1.561
Total:	Quantity	20	13	7	-	7

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10	P-1 Line Item Number / Title: 4516M01001 / CBRN Defense	Item Number / Title [DODIC]: W56532 / Man-Portable Radiological Detection System (MRDS)

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Secondary Distribution	Total Obligation Authority	12.109	6.331	5.895	-	5.895

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 10			P-1 Line Item Number / Title: 4516M01001 / CBRN Defense				Item Number / Title [DODIC]: W56532 / Man-Portable Radiological Detection System (MRDS)				

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
MRDS Hardware Configuration 1		2023	Multiple / Various	Various	Varies	Aug 2023	May 2024	8	306.000	N		
MRDS Hardware Configuration 1		2025	Multiple / Various	Various	Varies	Jul 2025	Apr 2026	7	472.000	N		
MRDS Hardware Configuration 5		2023	Multiple / Various	Various	Varies	Aug 2023	May 2024	12	336.000	N		

Remarks:
MRDS is a system of systems; multiple vendors are utilized to purchase required individual components. Funding is sent via multiple methods each year, with an anticipated 9 month lead time to receive and kit all components to produce one full up system.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 15: Bridging Equipment

P-1 Line Item Number / Title:
2831MX0100 / Tactical Bridging

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	27	-	-	-	-	-	-	4	12	12	-	55
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,105.498	13.785	1.157	-	-	-	-	23.649	54.066	58.339	-	1,256.494
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,105.498	13.785	1.157	-	-	-	-	23.649	54.066	58.339	-	1,256.494
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,105.498	13.785	1.157	-	-	-	-	23.649	54.066	58.339	-	1,256.494

(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>)	40,944.370	-	-	-	-	-	-	5,912.250	4,505.500	4,861.583	-	22,845.345

Description:

The Dry Support Bridge (DSB) is the Multi-Role Bridging Company's mobile tactical bridging platform. The DSB is employed in tactical and assault contingency situations when a longer bridging span is required to maintain forward momentum of joint maneuver forces. The 40 meter DSB can span a 40 meter gap or two 20 meter gaps. The 46 meter bridge can span a 46 meter gap or two 23 meter gaps (with 46 meter retrofit upgrade kit). Both have a crossing weight capability of Military Load Class (MLC) 96 normal/120 under caution (Wheeled) and MLC 80 (Tracked). The DSB has a road width of 4.3 meters and an emplacement time of 90 minutes or less, with little or no site preparation.

The DSB System consists of the M18 Launcher mounted on a dedicated Palletized Load System (PLS) A0 chassis, and M19 Bridge. Seven M1077 flat racks hold the bridge sections mounted on 3 each Common Bridge Transporter (CBT) High Expanded Mobility Transport Truck (HEMTT) and Palletized Load System Trailers (PLST). Each MRBC receives four DSB systems and one Special Tool and Test Equipment (STTE).

DSB Army Acquisition Objective (AAO): 140

The Line of Communication Bridge (LOCB) facilitates sustainment of widely dispersed forces over a large area of operation. The LOCB restores and maintains line of communication routes in theater, supporting both civilian and military traffic. As such, the LOCB facilitates the uninterrupted flow of forces, equipment, personnel and supplies for sustained ground operations for the Warfighter, Allied, Coalition and host nation forces, and displaced civilians. LOCB assets were originally fielded as 80 Tracked (T) /110 Wheeled (W) Military Load Classification (MLC). LOCB assets now utilize 120 Tracked (T) /150 Wheeled (W) Military Load Classification (MLC) to accommodate increased Army vehicle weight requirements.

The LOCB system provides a 50 meter dry gap crossing capability and a 130 meter wet gap crossing capability. The LOCB 50 meter dry gap system includes bridge components, ramps, pier sets and associated equipment. The 130 meter float LOCB system consists of the same bridge components as the 50 meter LOCB as well as additional items to support wet-gap crossings to include pontoons and associated equipment. Dry and wet gap spans can be linked together to accommodate various crossing lengths. FY 2018 thru FY 2021 procurement funding was used in support of All Things Pacific (ATP) ONS 18-22760 and All Things Europe (ATE) requirements. Program of Record (POR) production began in FY 2021. The Program of Record requirement is 10 training sets of 50 meter fixed LOCBs and 2 training sets of 130 meter floating LOCBs.

LOCB All Things Pacific ONS Requirement: 198

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 15: Bridging Equipment	P-1 Line Item Number / Title: 2831MX0100 / Tactical Bridging
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

LOCB All Things Europe ONS Requirement: 82
 LOCB Army Acquisition Objective (AAO): 12

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	12	12
	Total Obligation Authority	10.446	1.157	-	-	-	-	-	54.066	58.339
ANG	Quantity	-	-	-	-	-	-	4	-	-
	Total Obligation Authority	3.339	-	-	-	-	-	23.649	-	-
Total:	Quantity	-	-	-	-	-	-	4	12	12
Secondary Distribution	Total Obligation Authority	13.785	1.157	-	-	-	-	23.649	54.066	58.339

Justification:

There is no FY 2025 budget request for the MX0100 Tactical Bridging 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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 15: Bridging Equipment	P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	170	0	110	137	-	137	22	-	-	-	-	439
Gross/Weapon System Cost (<i>\$ in Millions</i>)	998.883	-	82.228	97.231	-	97.231	14.842	-	-	-	-	1,193.184
Less PY Advance Procurement (<i>\$ in Millions</i>)	19.906	-	-	-	-	-	-	-	-	-	-	19.906
Net Procurement (P-1) (<i>\$ in Millions</i>)	978.977	-	82.228	97.231	-	97.231	14.842	-	-	-	-	1,173.278
Plus CY Advance Procurement (<i>\$ in Millions</i>)	19.906	-	-	-	-	-	-	-	-	-	-	19.906
Total Obligation Authority (<i>\$ in Millions</i>)	998.883	-	82.228	97.231	-	97.231	14.842	-	-	-	-	1,193.184

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	5,875.782	-	747.527	709.715	-	709.715	674.636	-	-	-	-	2,717.959

Description:

The Tactical Bridge Float-Ribbon line supports the Army's Multi-Role Bridging Companies (MRBCs). One Tactical Float Ribbon Bridge System consists of Improved Ribbon Bridge (IRB) bays (30 Interior and 12 Ramp), 14 Propulsion, Bridge Erection Boats (BEBs) and 56 Common Bridge Transporters (CBTs). These components are required to transport, launch, erect and retrieve up to 210 meters of floating bridge. The IRB has a Military Load Classification (MLC) 96 wheeled (normal) and 110 (caution)/MLC 70 tracked (normal) and 85 (caution) and is used to transport weapon systems, Troops and supplies over water when permanent bridges are not available. The M15 Bridge Adapter Pallet (BAP) is used to adapt the Common Bridge Transporter (CBT) for transport of the Improved Ribbon Bridge (IRB) and M30 Bridge Erection Boat. This capability will support the Joint Force Commander's ability to employ and sustain forces throughout the global battlespace.

The Propulsion, Bridge Erection Boat (BEB) Army Acquisition Objective (AAO) is 491.

The Transporter, Common Bridge Transporter (CBT) Army Acquisition Objective (AAO) is 1928.

IRB Interior Bays AAO: 1128

IRB Ramp Bays AAO: 454

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	110	137	-	137	22	-	-
	Total Obligation Authority	-	82.228	97.231	-	97.231	14.842	-	-
Total: Secondary Distribution	Quantity	-	110	137	-	137	22	-	-
	Total Obligation Authority	-	82.228	97.231	-	97.231	14.842	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 15: Bridging Equipment **P-1 Line Item Number / Title:** 3542MA8890 / Tactical Bridge, Float-Ribbon

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	M26800 / BRIDGE, FLOAT-RIBBON, TRANSPORTER	P-5a, P-21			- / 517.234	- / -	69 / 39.669	115 / 66.424	- / -	115 / 66.424
P-5	M27200 / BRIDGE, FLOAT-RIBBON, PROPULSION	P-5a, P-21	A		170 / 481.649	0 / -	41 / 42.559	22 / 30.807	- / -	22 / 30.807
P-40	Total Gross/Weapon System Cost				170 / 998.883	0 / -	110 / 82.228	137 / 97.231	- / -	137 / 97.231

*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 2025 Base procurement dollars of \$66.424 million will be used to procure a quantity of 115 Common Bridge Transporters (CBT).

FY 2025 Base procurement dollars of \$30.807 million will be used to procure a quantity of 22 Bridge Erection Boats (BEB).

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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15		P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon
		Item Number / Title [DODIC]: M26800 / BRIDGE, FLOAT-RIBBON, TRANSPORTER

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		-	-	69	115	-	115
Gross/Weapon System Cost (\$ in Millions)		517.234	-	39.669	66.424	-	66.424
Less PY Advance Procurement (\$ in Millions)		19.906	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		497.328	-	39.669	66.424	-	66.424
Plus CY Advance Procurement (\$ in Millions)		19.906	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		517.234	-	39.669	66.424	-	66.424
<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)		-	-	574.913	577.600	-	577.600

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
System Engineering/ Program Management	-	-	-	-	-	-	-	-	0.950	-	-	1.750	-	-	-	-	-	1.750
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	0.950	-	-	1.750	-	-	-	-	-	1.750
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	0.950	-	-	1.750	-	-	-	-	-	1.750
Hardware Cost																		
Recurring Cost																		
Hardware ^(†)	-	-	517.234	-	-	-	533.826	69	36.834	534.757	115	61.497	-	-	-	534.757	115	61.497
<i>Subtotal: Recurring Cost</i>	-	-	517.234	-	-	-	-	-	36.834	-	-	61.497	-	-	-	-	-	61.497
<i>Subtotal: Hardware Cost</i>	-	-	517.234	-	-	-	-	-	36.834	-	-	61.497	-	-	-	-	-	61.497
Package Fielding Cost																		
Non Recurring Cost																		
Fielding	-	-	-	-	-	-	-	-	0.650	-	-	0.827	-	-	-	-	-	0.827
Transportation First Destination	-	-	-	-	-	-	-	-	0.800	-	-	1.700	-	-	-	-	-	1.700
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	1.450	-	-	2.527	-	-	-	-	-	2.527
<i>Subtotal: Package Fielding Cost</i>	-	-	-	-	-	-	-	-	1.450	-	-	2.527	-	-	-	-	-	2.527
Logistics Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15	P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon	Item Number / Title [DODIC]: M26800 / BRIDGE, FLOAT-RIBBON, TRANSPORTER

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Recurring Cost																		
Data	-	-	-	-	-	-	-	-	0.435	-	-	0.650	-	-	-	-	-	0.650
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	0.435	-	-	0.650	-	-	-	-	-	0.650
<i>Subtotal: Logistics Cost</i>	-	-	-	-	-	-	-	-	0.435	-	-	0.650	-	-	-	-	-	0.650
Gross/Weapon System Cost	-	-	517.234	-	-	-	574.913	69	39.669	577.600	115	66.424	-	-	-	577.600	115	66.424

Remarks:
Note: Prior year funding total has been input into hardware cost element due to the funding line not being used since FY 2011.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	69	115	-	115
	Total Obligation Authority	-	39.669	66.424	-	66.424
Total: Secondary Distribution	Quantity	-	69	115	-	115
	Total Obligation Authority	-	39.669	66.424	-	66.424

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15			P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon				Item Number / Title [DODIC]: M26800 / BRIDGE, FLOAT-RIBBON, TRANSPORTER				

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
Hardware ^(†)		2024	Oshkosh Corp / Oshkosh, WI	SS / FFP	TACOM, Warren, MI	Dec 2023	Aug 2024	69	533.826	Y		
Hardware ^(†)		2025	Oshkosh Corp / Oshkosh, WI	SS / FFP	TACOM, Warren, MI	Dec 2024	Aug 2025	115	534.757	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15										P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon										Item Number / Title [DODIC]: M26800 / BRIDGE, FLOAT-RIBBON, TRANSPORTER									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024													Fiscal Year 2025													B A L A N C E				
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024													Calendar Year 2025																
							O C T	N O V	D E C	J A N	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						
Hardware																																				
	1	2024	ARMY	69	0	69			A	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	7	7	7		0	
	1	2025	ARMY	115	0	115																												10	10	95

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15										P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon										Item Number / Title [DODIC]: M26800 / BRIDGE, FLOAT-RIBBON, TRANSPORTER									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026												Fiscal Year 2027												BALANCE	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026												Calendar Year 2027												
							O C T	N O V	D E C	J A N	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
Hardware																															
	1	2024	ARMY	69	69	0																								0	
	1	2025	ARMY	115	20	95	10	10	10	10	10	10	10	9	8	8															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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15		P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon
Item Number / Title [DODIC]: M26800 / BRIDGE, FLOAT-RIBBON, TRANSPORTER		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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, WI	6	924	2,520	0	9	11	20	0	3	8	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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15		P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon
		Item Number / Title [DODIC]: M27200 / BRIDGE, FLOAT-RIBBON, PROPULSION

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	170	0	41	22	-	22
Gross/Weapon System Cost (\$ in Millions)	481.649	-	42.559	30.807	-	30.807
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	481.649	-	42.559	30.807	-	30.807
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	481.649	-	42.559	30.807	-	30.807

(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)	2,833.229	-	1,038.024	1,400.318	-	1,400.318

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
BEB + CPK Hardware ^(†)	903.592	429	387.641	-	-	-	856.098	41	35.100	998.864	22	21.975	-	-	-	998.864	22	21.975
Bridge Adapter Pallet ^(†)	53.657	429	23.019	-	-	-	69.854	41	2.864	74.091	22	1.630	-	-	-	74.091	22	1.630
Fielding	-	-	11.048	-	-	-	-	-	3.000	-	-	2.900	-	-	-	-	-	2.900
System Test & Evaluation, Production	-	-	16.676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Engineering/ Program Management	-	-	19.876	-	-	-	-	-	0.900	-	-	1.650	-	-	-	-	-	1.650
Engineering Changes	-	-	7.228	-	-	-	-	-	0.095	-	-	1.752	-	-	-	-	-	1.752
First Destination Transportation - FDT	-	-	5.182	-	-	-	-	-	0.300	-	-	0.300	-	-	-	-	-	0.300
Subtotal: Recurring Cost	-	-	470.670	-	-	-	-	-	42.259	-	-	30.207	-	-	-	-	-	30.207
Non Recurring Cost																		
Data	-	-	10.979	-	-	-	-	-	0.300	-	-	0.600	-	-	-	-	-	0.600
Subtotal: Non Recurring Cost	-	-	10.979	-	-	-	-	-	0.300	-	-	0.600	-	-	-	-	-	0.600
Subtotal: Flyaway Cost	-	-	481.649	-	-	-	-	-	42.559	-	-	30.807	-	-	-	-	-	30.807
Gross/Weapon System Cost	2,833.229	170	481.649	-	0	-	1,038.024	41	42.559	1,400.318	22	30.807	-	-	-	1,400.318	22	30.807

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15	P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon	Item Number / Title [DODIC]: M27200 / BRIDGE, FLOAT-RIBBON, PROPULSION

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Remarks:
Increased unit cost in FY 2025 due to inflationary increases associated with upcoming contract negotiation and a smaller affordable quantity that falls in a higher range pricing tier.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	41	22	-	22
	Total Obligation Authority	-	42.559	30.807	-	30.807
Total: Secondary Distribution	Quantity	0	41	22	-	22
	Total Obligation Authority	-	42.559	30.807	-	30.807

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15			P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon				Item Number / Title [DODIC]: M27200 / BRIDGE, FLOAT-RIBBON, PROPULSION					

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
BEB + CPK Hardware ^(†)		2024	Birdon America Inc / Denver, CO	C / FFP	TACOM, Warren, MI	Dec 2023	Jun 2024	41	856.098	Y		
BEB + CPK Hardware ^(†)		2025	Birdon America Inc / Denver, CO	C / FFP	TACOM, Warren, MI	Oct 2024	Apr 2025	22	998.864	Y		
Bridge Adapter Pallet		2024	CANADIAN COMMERCIAL CORPORATIO / Ottawa, Canada	C / FFP	TACOM, Warren, MI	Dec 2023	Apr 2024	41	69.854	Y		
Bridge Adapter Pallet		2025	CANADIAN COMMERCIAL CORPORATIO / Ottawa, Canada	C / FFP	TACOM, Warren, MI	Oct 2024	Mar 2025	22	74.091	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15										P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon										Item Number / Title [DODIC]: M27200 / BRIDGE, FLOAT-RIBBON, PROPULSION									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024													Fiscal Year 2025													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024													Calendar Year 2025													
							O C T	N O V	D E C	J A N	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			
BEB + CPK Hardware																																	
Prior Years Deliveries: 429																																	
1		2024	ARMY	41	0	41			A	-	-	-	-	-	-	4	4	4	4	4	4	4	4	4	4	4	4	1		0			
1		2025	ARMY	22	0	22														A	-	-	-	-	-	-	3	5	5	5	4	0	
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	A	M	J	J	A	S		
							C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	A	E	A	A	Y	U	U	U	E		
							T	V	C	N	B	R	P	Y	N	L	G	P	T	V	C	N	B	R	P	Y	N	L	G	P			

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 15		P-1 Line Item Number / Title: 3542MA8890 / Tactical Bridge, Float-Ribbon
		Item Number / Title [DODIC]: M27200 / BRIDGE, FLOAT-RIBBON, PROPULSION

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Birdon America Inc - Denver, CO	4	7	12	0	9	12	21	0	1	6	7

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 15: Bridging Equipment	P-1 Line Item Number / Title: 3758G06520 / BRIDGE SUPPLEMENTAL SET
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	20	0	4	-	-	-	-	-	-	-	-	24
Gross/Weapon System Cost (<i>\$ in Millions</i>)	34.869	0.439	4.414	-	-	-	-	-	-	-	-	39.722
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	34.869	0.439	4.414	-	-	-	-	-	-	-	-	39.722
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	34.869	0.439	4.414	-	-	-	-	-	-	-	-	39.722

(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>)	1,743.450	-	1,103.500	-	-	-	-	-	-	-	-	1,655.083

Description:

The Bridge Supplementary Set (BSS) provides the Multi-Role Bridging Companies (MRBCs) with a float bridge anchorage capability consisting of the Overhead Anchorage System (OCS), site stability matting, tool kits, and the Bridge Protection Device (BPD). In certain operational environments, the BSS will be enhanced by a bridge protection device, which provides protection from debris upstream from any bridge site. The site stability, anchorage, and tool kits will be integrated on M1077 Flatracks and transported by the Common Bridge Transporter (CBT). The BSS will be issued two systems per MRBC and training institution, in addition, four BSS systems will be issued to APS. The BPD will be issued only to Army Prepositioned Stock (APS) and to the training institutions.

The BSS Army Acquisition Objective (AAO) is 72.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	4	-	-	-	-	-	-
	Total Obligation Authority	0.439	4.414	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	-	4	-	-	-	-	-	-
	Total Obligation Authority	0.439	4.414	-	-	-	-	-	-

Justification:

G06520 Bridge Supplemental Set has no funding request in FY 2025.

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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 15: Bridging Equipment	P-1 Line Item Number / Title: 3974G07000 / Common Bridge Transporter (CBT) Recap
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	363	20	-	-	-	-	90	57	90	90	-	710
Gross/Weapon System Cost (<i>\$ in Millions</i>)	378.389	10.379	-	-	-	-	57.201	36.801	57.289	57.861	-	597.920
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	378.389	10.379	-	-	-	-	57.201	36.801	57.289	57.861	-	597.920
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	378.389	10.379	-	-	-	-	57.201	36.801	57.289	57.861	-	597.920

(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>)	1,042.394	518.950	-	-	-	-	635.567	645.632	636.544	642.900	-	842.141

Description:

The M1977A4 Common Bridge Transporter (CBT) and M1064 Palletized Load System Trailer (PLST) are part of the Ribbon Bridge System. The CBT transports and launches the Bridge Erection Boat (BEB) and Improved Ribbon Bridge (IRB) Bays in the Multi-Role Bridge Company (MRBC), allowing Bridging formation assets to maintain pace with supported combat units. The CBT is also the transporter and launch vehicle for the Rapidly Emplaced Bridge System (REBS), supporting the 9 Stryker Brigade Combat Teams (SBCT) and 5 Airborne Combat Engineer Companies within the Infantry Brigade Combat Team (IBCT-A). There are 31 MRBCs (56 each), 9 SBCTs (4 each), 5 IBCTs (2 each), 1 European Activity Set (EAS) (1 each), 2 Army Prepositioned Stock sets (APS) (56 each) and 33 CBTs in the training base.

The Army Acquisition Objective (AAO) is 1,928.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	20	-	-	-	-	90	57	28	-
	Total Obligation Authority	10.379	-	-	-	-	57.201	36.801	17.789	-
ANG	Quantity	-	-	-	-	-	-	-	62	90
	Total Obligation Authority	-	-	-	-	-	-	-	39.500	57.861
Total: Secondary Distribution	Quantity	20	-	-	-	-	90	57	90	90
	Total Obligation Authority	10.379	-	-	-	-	57.201	36.801	57.289	57.861

Justification:

G07000 Common Bridge Transporter (CBT) Recap has no funding request in FY 2025.

The currently fielded M1977A0 and M1977A2 CBTs have significant obsolescence issues due to a lack of crew survivability, electrical, and powertrain supportability. The M1977A4 provides the Soldier with key survivability requirements to include a Long Term Armor Strategy (LTAS) compliant cab, new engine and transmission, air ride suspension, anti-lock brakes, traction control, and an updated electrical system to support current and future communications equipment and diagnostic/prognostics systems.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 15: Bridging Equipment		P-1 Line Item Number / Title: 3974G07000 / Common Bridge Transporter (CBT) Recap
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		

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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 20: Engineer (Non-Construction) Equipment	P-1 Line Item Number / Title: 2876R68200 / Handheld Standoff Minefield Detection Sys-HSTAMIDS
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,110	-	-	-	-	-	-	-	-	-	-	1,110
Gross/Weapon System Cost (<i>\$ in Millions</i>)	398.033	5.091	-	-	-	-	-	-	-	-	-	403.124
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	398.033	5.091	-	-	-	-	-	-	-	-	-	403.124
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	398.033	5.091	-	-	-	-	-	-	-	-	-	403.124

(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>)	358.588	-	-	-	-	-	-	-	-	-	-	363.175

Description:

AN/PSS-14C Mine Detecting Set is a lightweight self-contained handheld mine detector system that is operated by a single Soldier. AN/PSS-14C is an enabler for Soldier Lethality as it guarantees Soldier maneuverability by enhancing the probability and speed of detection of buried landmines and IEDs allowing for increased speed of dismounted operations making the unit more efficient and lethal. AN/PSS-14C consists of a Decoupled Ground Penetrating Radar (GPR) and Metal Detector (MD), which provides enhanced detection of hard to find, low/no metal IED components, along with traditional conventional mines. This item is Code A, approved for service use.

Army Acquisition Objective (AAO) is 19,851 sets.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.091	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.091	-	-	-	-	-	-	-

Justification:

R68200 has no funding request in FY 2025.

The FY 2023 actuals for base include \$5.091 million emergency supplemental funding to support the procurement of replacement systems transferred to Ukraine in support of the international effort to counter Russian aggression.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 20: Engineer (Non-Construction) Equipment		P-1 Line Item Number / Title: 2876R68200 / Handheld Standoff Minefield Detection Sys-HSTAMIDS
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		
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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 20: Engineer (Non-Construction) Equipment	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0604808A	Other Related Program Elements: 0605053A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	2,728	1,111	1,323	1,165	-	1,165	251	290	454	461	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	347.987	52.340	68.893	62.469	-	62.469	47.523	77.156	79.235	83.379	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	347.987	52.340	68.893	62.469	-	62.469	47.523	77.156	79.235	83.379	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	347.987	52.340	68.893	62.469	-	62.469	47.523	77.156	79.235	83.379	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>)	127.561	47.111	52.073	53.621	-	53.621	189.335	266.055	174.526	180.866	Continuing	Continuing

Description:

SSN R06305 / Enhanced Robotics Payloads SKO is a new start within the Robotics and Applique Systems program in FY 2025
 SSN W20897 / AUTONOMOUS TRANSPORT VEHICLE (ATV) is a new start within the Robotics and Applique Systems program in FY 2025

The Enhanced Robotic Payloads (ERP) is a suite of payloads with open architecture to provide an increased level of standoff and situational awareness to respond to current and emergent Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNe) and Explosive Ordnance Disposal (EOD) requirements. These payloads will integrate with the Man Transportable Robotic System (MTRS) Inc II and Common Robotic System - Heavy platforms. The suite of payloads includes Extended Range Mesh Networking (ERMN) and Pan/Tilt Imager (PTI). ERMN provides radio repeater nodes capable of extending the distance between the operator and platform, including a deployment and retrieval method. PTI enables the operator to see objects not normally visible to the naked eye. The approved Army Acquisition Objective (AAO) for the suite of systems that make up the ERP program is as follows: ERMN - 799 / PTI - 533.

The Small Multipurpose Equipment Transport (S-MET) provides small units with a remote-controlled cargo/equipment transport and limited tactical resupply capability, increasing mission capabilities while reducing the individual Soldier load. The S-MET will be capable of carrying 2,500 pounds of equipment currently required to support Infantry and Engineer Platoons in the Infantry Brigade Combat Team (IBCT) for a 72-hour mission without resupply. It is also capable of generating 1-3KW of offload power, with an operational range of 20 miles in silent mode. S-MET will have open architectures, a remote control, support casualty evacuation, and integrate a number of Modular Mission Payloads (MMP) and technical insertions. The Army Acquisition Objective (AAO) is 2,819 across S-MET Inc I and S-MET Inc II. The Army Procurement Objective (APO) S-MET Inc I quantity is 624 under a Middle Tier of Acquisition Rapid Fielding (MTA-RF). The remaining AAO will be fulfilled through S-MET Inc I/II quantities.

The Man Transportable Robotic System (MTRS) Inc. II is the Army's Soldier transportable, remotely operated, medium size (<= 164 lbs.) common robotic system. The system utilizes both radio and tethered communications allowing dismounted Soldiers to perform hazardous missions from a safe standoff distance. The MTRS Inc. II system consists of an Operator Control Unit (OCU), a suite of various mission payloads, and a mobility platform. Open architecture and the Ground Robotic Autonomous Systems (RAS) Interoperability Profile (IOP) requirements are employed to reduce obsolescence risks and to maximize efficiency in acquiring future capabilities. MTRS Inc. II will support current and future payload missions for the Engineer's route clearance platoons, Special Operational Forces (SOF) detachments, Chemical Biological Radiological and Nuclear (CBRN), and Explosive Ordnance Disposal (EOD) Units. The approved Army Acquisition Objective (AAO) for this program is 1,200.

The Autonomous Transport Vehicle (ATV) funding line supports the Autonomous Transport Vehicle-System (ATV-S) effort that equips Tactical Wheeled Vehicles with autonomous behaviors. Additionally, the capability gives convoy commanders flexibility to leverage the six levels of automated driving that range from Level 0 (Fully Manual) to Level 5 (Fully Autonomous), and any combination therein to conduct convoy

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 20: Engineer (Non-Construction) Equipment	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0604808A	Other Related Program Elements: 0605053A
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Line Item MDAP/MAIS Code: N/A

operations. Autonomous driving behaviors enables increased operational efficiency of tactical wheeled vehicles resulting in an increase of sustainment throughput while reducing Soldier exposure to hostile threats.

The Soldier Borne Sensor (SBS) is a small unmanned aerial vehicle. It is a squad level system that provides situational awareness to 1 kilometer with a 20 minute endurance. The SBS provides the Squad with an organic "quick look" capability for near real-time video feeds of larger, complex, and restrictive environments. It reduces exposure to potential threats and enhances freedom of maneuver by providing actionable information to support decisions at the lowest echelon. The Army has approved requirements documents, namely the SBS Capabilities Production Document (CPD). The approved Army Acquisition Objective (AAO) for this program is 10,317. The First Unit Equipped (FUE) occurred in FY 2019.

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	395	702	211	-	211	223	269	162	177
	Total Obligation Authority	21.050	45.055	40.907	-	40.907	45.024	75.073	66.478	70.496
ANG	Quantity	693	621	954	-	954	28	21	292	284
	Total Obligation Authority	30.798	23.838	21.562	-	21.562	2.499	2.083	12.757	12.883
AR	Quantity	23	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.492	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	1,111	1,323	1,165	-	1,165	251	290	454	461
	Total Obligation Authority	52.340	68.893	62.469	-	62.469	47.523	77.156	79.235	83.379

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 20: Engineer (Non-Construction) Equipment

P-1 Line Item Number / Title:
4868W12002 / Robotics and Applique Systems

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0604808A **Other Related Program Elements:** 0605053A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	R06305 / Enhanced Robotics Payloads SKO	P-5a			- / -	- / -	- / -	87 / 15.557	- / -	87 / 15.557
P-5	R06806 / Leader/Follower Applique (L/F)				- / -	- / -	- / 0.438	- / -	- / -	- / -
P-5	R12154 / Squad Multipurpose Equipment Transport (SMET)	P-5a, P-21	B		303 / 61.684	145 / 29.709	176 / 45.890	105 / 24.334	- / -	105 / 24.334
P-5	R67050 / Man Transportable Robotic Sys Inc II (MTRS Inc II)	P-5a	B		940 / 175.789	- / 2.255	- / -	- / -	- / -	- / -
P-5	W20897 / AUTONOMOUS TRANSPORT VEHICLE (ATV)				- / -	- / -	- / -	- / 0.577	- / -	- / 0.577
P-5	W63798 / Soldier Borne Sensor (SBS)	P-5a, P-21			1,485 / 110.514	966 / 20.376	1,147 / 22.565	973 / 22.001	- / -	973 / 22.001
P-40	Total Gross/Weapon System Cost				2,728 / 347.987	1,111 / 52.340	1,323 / 68.893	1,165 / 62.469	- / -	1,165 / 62.469

*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 2025 Base Procurement dollars of \$15.557 million for Enhanced Robotic Payloads will procure 87 systems, fielding, data, support equipment and System Engineering Program Management (SEPM) to support Base requirements.

R06806 Leader/Follower Applique (L/F) has no funding request in FY 2025.

FY 2025 Base Procurement dollars of \$24.334 million for Squad Multipurpose Equipment Transport (S-MET), will procure 105 S-MET systems, procurement and retrofit of Modular Mission Payloads (MMP), Technical Insertions and Engineering Change Proposals (ECP), Software Updates, and Total Package Fielding to support Base requirements.

R67050 Man Transportable Robotics System Increment II (MTRS Inc II) has no funding request in FY 2025.

FY 2025 Base Procurement dollars of \$0.577 million for W20897 Autonomous Transport Vehicle (ATV) will fund program support.

FY 2025 Base Procurement dollars of \$22.001 million for W63798 Soldier Borne Sensor (SBS) will procure 973 Soldier Borne Sensor (SBS) systems, initial spares, fielding costs, and System Engineering Program Management (SEPM) to support Base requirements.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L 110-151), these items are 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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20		P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems
		Item Number / Title [DODIC]: R06305 / Enhanced Robotics Payloads SKO

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)				-	-	-	87	-	87
Gross/Weapon System Cost (<i>\$ in Millions</i>)				-	-	-	15.557	-	15.557
Less PY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)				-	-	-	15.557	-	15.557
Plus CY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)				-	-	-	15.557	-	15.557
<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>)				-	-	-	178.816	-	178.816

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
System Engineering/ Program Management	-	-	-	-	-	-	-	-	-	-	-	1.340	-	-	-	-	-	1.340
Fielding - FDT	-	-	-	-	-	-	-	-	-	-	-	1.204	-	-	-	-	-	1.204
Test Asset Refurb	-	-	-	-	-	-	-	-	-	-	-	0.135	-	-	-	-	-	0.135
Engineering Change	-	-	-	-	-	-	-	-	-	-	-	0.589	-	-	-	-	-	0.589
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	3.268	-	-	-	-	-	3.268
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	3.268	-	-	-	-	-	3.268
Hardware Cost																		
Recurring Cost																		
ERMN ^(†)	-	-	-	-	-	-	-	-	-	79.000	43	3.397	-	-	-	79.000	43	3.397
PTI ^(†)	-	-	-	-	-	-	-	-	-	31.000	44	1.364	-	-	-	31.000	44	1.364
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	4.761	-	-	-	-	-	4.761
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	-	-	-	-	-	-	4.761	-	-	-	-	-	4.761
Software Cost																		
Recurring Cost																		
Software Maintenance	-	-	-	-	-	-	-	-	-	-	-	1.002	-	-	-	-	-	1.002
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	1.002	-	-	-	-	-	1.002
<i>Subtotal: Software Cost</i>	-	-	-	-	-	-	-	-	-	-	-	1.002	-	-	-	-	-	1.002

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems	Item Number / Title [DODIC]: R06305 / Enhanced Robotics Payloads SKO
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Package Fielding Cost																		
Non Recurring Cost																		
Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.070	-	-	-	-	-	0.070
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.070	-	-	-	-	-	0.070
<i>Subtotal: Package Fielding Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.070	-	-	-	-	-	0.070
Logistics Cost																		
Non Recurring Cost																		
Data	-	-	-	-	-	-	-	-	-	-	-	6.456	-	-	-	-	-	6.456
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	6.456	-	-	-	-	-	6.456
<i>Subtotal: Logistics Cost</i>	-	-	-	-	-	-	-	-	-	-	-	6.456	-	-	-	-	-	6.456
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	-	178.816	87	15.557	-	-	-	178.816	87	15.557

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	87	-	87
	Total Obligation Authority	-	-	15.557	-	15.557
Total:	Quantity	-	-	87	-	87
Secondary Distribution	Total Obligation Authority	-	-	15.557	-	15.557

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20			P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems				Item Number / Title [DODIC]: R06305 / Enhanced Robotics Payloads SKO				

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
ERMN		2025	ERMN - TBS / TBD	C / TBD	Detroit Arsenal	Mar 2025	Aug 2025	43	79.000	N		Oct 2024
PTI		2025	PTI - TBS / TBD	C / TBD	Detroit Arsenal	Mar 2025	Aug 2025	44	31.000	N		Oct 2024

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Exhibit P-5, Cost Analysis: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems	Item Number / Title [DODIC]: R06806 / Leader/Follower Applique (L/F)
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	0.438	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	0.438	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	0.438	-	-	-

(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>	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Logistics Cost																		
Non Recurring Cost																		
Production Fielding Documentation	-	-	-	-	-	-	-	-	0.438	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	0.438	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics Cost</i>	-	-	-	-	-	-	-	-	0.438	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	0.438	-	-	-	-	-	-	-	-	-

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army					
Quantity	-	-	-	-	-
Total Obligation Authority	-	0.438	-	-	-
Total: Secondary Distribution					
Quantity	-	-	-	-	-
Total Obligation Authority	-	0.438	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20		P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems
		Item Number / Title [DODIC]: R12154 / Squad Multipurpose Equipment Transport (SMET)

ID Code (A=Service Ready, B=Not Service Ready) : B				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity <i>(Units in Each)</i>				303	145	176	105	-	105
Gross/Weapon System Cost <i>(\$ in Millions)</i>				61.684	29.709	45.890	24.334	-	24.334
Less PY Advance Procurement <i>(\$ in Millions)</i>				-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>				61.684	29.709	45.890	24.334	-	24.334
Plus CY Advance Procurement <i>(\$ in Millions)</i>				-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>				61.684	29.709	45.890	24.334	-	24.334
<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>				203.578	204.890	260.739	231.752	-	231.752

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Modular Mission Payloads & Tech Insertions / ECPs	-	-	2.305	-	-	-	-	-	8.825	-	-	4.525	-	-	-	-	-	4.525
S-MET Production Systems ^(f)	148.326	303	44.943	142.006	145	20.591	144.897	176	25.502	144.897	105	15.214	-	-	-	144.897	105	15.214
<i>Subtotal: Recurring Cost</i>	-	-	47.248	-	-	20.591	-	-	34.327	-	-	19.739	-	-	-	-	-	19.739
<i>Subtotal: Hardware Cost</i>	-	-	47.248	-	-	20.591	-	-	34.327	-	-	19.739	-	-	-	-	-	19.739
Software Cost																		
Recurring Cost																		
Software Maintenance	-	-	-	-	-	-	-	-	3.920	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	3.920	-	-	-	-	-	-	-	-	-
<i>Subtotal: Software Cost</i>	-	-	-	-	-	-	-	-	3.920	-	-	-	-	-	-	-	-	-
Package Fielding Cost																		
Recurring Cost																		
Initial Spares (Reparables) & Initial Repair Parts (Consumables)	-	-	2.637	-	-	1.347	-	-	1.681	-	-	1.003	-	-	-	-	-	1.003
Transportation First Destination	-	-	0.282	-	-	0.140	-	-	0.173	-	-	0.103	-	-	-	-	-	0.103

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems	Item Number / Title [DODIC]: R12154 / Squad Multipurpose Equipment Transport (SMET)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
New Equipment Training	-	-	0.815	-	-	3.819	-	-	1.817	-	-	1.084	-	-	-	-	-	1.084
Contractor Logistics Support	-	-	1.920	-	-	1.799	-	-	1.726	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	5.654	-	-	7.105	-	-	5.397	-	-	2.190	-	-	-	-	-	2.190
<i>Subtotal: Package Fielding Cost</i>	-	-	5.654	-	-	7.105	-	-	5.397	-	-	2.190	-	-	-	-	-	2.190
Logistics Cost																		
Non Recurring Cost																		
Data Deliverables	-	-	2.899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	2.899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics Cost</i>	-	-	2.899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Government Management	-	-	5.883	-	-	2.013	-	-	2.246	-	-	2.405	-	-	-	-	-	2.405
<i>Subtotal: Support - Program Management Cost</i>	-	-	5.883	-	-	2.013	-	-	2.246	-	-	2.405	-	-	-	-	-	2.405
Gross/Weapon System Cost	203.578	303	61.684	204.890	145	29.709	260.739	176	45.890	231.752	105	24.334	-	-	-	231.752	105	24.334

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	57	128	105	-	105
	Total Obligation Authority	11.679	33.334	24.334	-	24.334
ANG	Quantity	88	48	-	-	-
	Total Obligation Authority	18.030	12.556	-	-	-
Total: Secondary Distribution	Quantity	145	176	105	-	105
	Total Obligation Authority	29.709	45.890	24.334	-	24.334

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20			P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems				Item Number / Title [DODIC]: R12154 / Squad Multipurpose Equipment Transport (SMET)					

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
S-MET Production Systems ^(†)		2023	General Dynamics Land Systems / Sterling Heights, MI	Option / FFP	Warren, MI	Nov 2022	Apr 2023	145	142.006	Y		Jan 2020
S-MET Production Systems ^(†)		2024	General Dynamics Land Systems / Sterling Heights, MI	Option / FFP	Warren, MI	Nov 2023	Apr 2024	176	144.897	Y		Jan 2020
S-MET Production Systems ^(†)		2025	General Dynamics Land Systems / Sterling Heights, MI	Option / FFP	Warren, MI	Nov 2024	Apr 2025	105	144.897	Y		Jan 2020

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20										P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems										Item Number / Title [DODIC]: R12154 / Squad Multipurpose Equipment Transport (SMET)									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2023														Fiscal Year 2024														B A L A N C E		
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023														Calendar Year 2024														
							O C T	N O V	D E C	J A N	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					
S-MET Production Systems																																			
Prior Years Deliveries: 303																																			
1		2023	ARMY	145	0	145		A	-	-	-	-	-	-	20	20	20	20	20	20	20	5								0					
1		2024	ARMY	176	0	176																								0					
1		2025	ARMY	105	0	105																								105					
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S				
								C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	A	E	A	A	U	U	A	S				
								T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P				

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20										P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems										Item Number / Title [DODIC]: R12154 / Squad Multipurpose Equipment Transport (SMET)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025												Fiscal Year 2026												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025												Calendar Year 2026												
							O C T	N O V	D E C	J A N	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

S-MET Production Systems																																			
Prior Years Deliveries: 303																																			
1	2023	ARMY	145	145	0																														0
1	2024	ARMY	176	176	0																														0
1	2025	ARMY	105	0	105		A	-	-	-	-	-	30	30	30	15																		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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20		P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems
		Item Number / Title [DODIC]: R12154 / Squad Multipurpose Equipment Transport (SMET)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	General Dynamics Land Systems - Sterling Heights, MI	5	24	60	0	2	6	8	0	2	5	7

"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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20		P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems
		Item Number / Title [DODIC]: R67050 / Man Transportable Robotic Sys Inc II (MTRS Inc II)

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	940	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	175.789	2.255	-	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	175.789	2.255	-	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	175.789	2.255	-	-	-	-

(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)	187.010	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
MTRS Robot ^(†)	102.011	1,193	121.699	118.833	6	0.713	-	-	-	-	-	-	-	-	-	-	-	-
MTRS CBRN kits	22.414	768	17.214	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTRS RDS kit	1.949	355	0.692	2.000	6	0.012	-	-	-	-	-	-	-	-	-	-	-	-
MTRS initial spares	9.000	1,181	10.629	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TALON 5a Robots	156.000	2	0.312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	150.546	-	-	0.725	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	150.546	-	-	0.725	-	-	-	-	-	-	-	-	-	-	-	-
Software Cost																		
Recurring Cost																		
MTRS software sustainment	-	-	5.054	-	-	0.071	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	5.054	-	-	0.071	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Software Cost</i>	-	-	5.054	-	-	0.071	-	-	-	-	-	-	-	-	-	-	-	-
Support - Contractor Logistics Support (CLS) Cost																		
Oversight	-	-	4.533	-	-	0.729	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Contractor Logistics Support (CLS) Cost</i>	-	-	4.533	-	-	0.729	-	-	-	-	-	-	-	-	-	-	-	-
Support - Data Cost																		
Technical Publications	-	-	4.908	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems	Item Number / Title [DODIC]: R67050 / Man Transportable Robotic Sys Inc II (MTRS Inc II)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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 Data Data	-	-	1.985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Data Cost</i>	-	-	6.893	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Government Management	-	-	8.763	-	-	0.730	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	8.763	-	-	0.730	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	187.010	940	175.789	-	-	2.255	-	-	-	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	2.255	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	2.255	-	-	-	-

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20			P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems				Item Number / Title [DODIC]: R67050 / Man Transportable Robotic Sys Inc II (MTRS Inc II)				

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
MTRS Robot		2023	FLIR/Endeavor / Chelmsford, MA	C / FFP	Warren, MI	Dec 2022	Jun 2023	6	118.833	N		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems	Item Number / Title [DODIC]: W20897 / AUTONOMOUS TRANSPORT VEHICLE (ATV)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)		-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)		-	-	-	0.577	-	0.577
Less PY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)		-	-	-	0.577	-	0.577
Plus CY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)		-	-	-	0.577	-	0.577
<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>)		-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
System Engineering & Program Support	-	-	-	-	-	-	-	-	-	-	-	0.577	-	-	-	-	-	0.577
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.577	-	-	-	-	-	0.577
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.577	-	-	-	-	-	0.577
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	-	-	-	0.577	-	-	-	-	-	0.577

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	0.577	-	0.577
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	-	-	0.577	-	0.577

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Exhibit P-5, Cost Analysis: PB 2025 Army					Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20			P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems			Item Number / Title [DODIC]: W63798 / Soldier Borne Sensor (SBS)			
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	
Procurement Quantity (Units in Each)			1,485	966	1,147	973	-	973	
Gross/Weapon System Cost (\$ in Millions)			110.514	20.376	22.565	22.001	-	22.001	
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-	
Net Procurement (P-1) (\$ in Millions)			110.514	20.376	22.565	22.001	-	22.001	
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-	
Total Obligation Authority (\$ in Millions)			110.514	20.376	22.565	22.001	-	22.001	
<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)			74.420	21.093	19.673	22.612	-	22.612	

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
MANUFACTURING (SBS PHASE 1) ^(f)	19.017	1,485	28.240	15.492	966	14.965	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING (SBS PHASE 2) ^(f)	-	-	-	-	-	-	15.301	1,147	17.550	17.181	973	16.717	-	-	-	17.181	973	16.717
SYSTEMS ENGINEERING/ PROGRAM MANAGEMENT (GOVERNMENT) (PMA)	-	-	2.864	-	-	0.797	-	-	0.963	-	-	1.203	-	-	-	-	-	1.203
SYSTEMS ENGINEERING/ PROGRAM MANAGEMENT (GOVERNMENT) (MATRIX SUPPORT)	-	-	2.729	-	-	1.871	-	-	1.312	-	-	0.547	-	-	-	-	-	0.547
TRAINING & FIELDING	-	-	0.590	-	-	0.500	-	-	0.850	-	-	1.028	-	-	-	-	-	1.028
INITIAL SPARES (REPARABLES)	-	-	76.091	-	-	2.243	-	-	1.890	-	-	2.506	-	-	-	-	-	2.506
<i>Subtotal: Recurring Cost</i>	-	-	<i>110.514</i>	-	-	<i>20.376</i>	-	-	<i>22.565</i>	-	-	<i>22.001</i>	-	-	-	-	-	<i>22.001</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>110.514</i>	-	-	<i>20.376</i>	-	-	<i>22.565</i>	-	-	<i>22.001</i>	-	-	-	-	-	<i>22.001</i>
Gross/Weapon System Cost	74.420	1,485	110.514	21.093	966	20.376	19.673	1,147	22.565	22.612	973	22.001	-	-	-	22.612	973	22.001

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems	Item Number / Title [DODIC]: W63798 / Soldier Borne Sensor (SBS)
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Remarks:
 FY23
 966 Phase 1 systems procured from Teledyne-FLIR / Norway at \$15,492 per system for a total cost of \$14,965.27M.

FY24
 Phase 1- and Phase 2-unit costs, quantities, and total cost reflected the most recent Government estimates at the time. The current planned procurement is 800 Phase 1 systems at \$16,350 per system. The remainder of the \$14,664.36M goes to procuring Phase 2 LRIP quantities.

FY25
 The Phase 2 variant is scheduled to provide improved performance in FY25. Phase 2-unit costs, quantities, and total cost reflect the most recent Government estimates. The current planned procurement is 973 systems at \$17,181 per system for a total cost of \$16.717M.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	338	574	19	-	19
	Total Obligation Authority	7.116	11.283	0.439	-	0.439
ANG	Quantity	605	573	954	-	954
	Total Obligation Authority	12.768	11.282	21.562	-	21.562
AR	Quantity	23	-	-	-	-
	Total Obligation Authority	0.492	-	-	-	-
Total:	Quantity	966	1,147	973	-	973
Secondary Distribution	Total Obligation Authority	20.376	22.565	22.001	-	22.001

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems	Item Number / Title [DODIC]: W63798 / Soldier Borne Sensor (SBS)
--	--	--

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
MANUFACTURING (SBS PHASE 1)		2023	Teledyne-FLIR / Norway	C / IDIQ	ACC-APG	Apr 2023	Oct 2023	966	15.492	Y		
MANUFACTURING (SBS PHASE 2) ^(†)		2024	TBD (Phase 2) / TBD	C / IDIQ	ACC-APG	Mar 2024	Aug 2024	1,147	15.301	Y		
MANUFACTURING (SBS PHASE 2) ^(†)		2025	TBD (Phase 2) / TBD	C / FFP	ACC-APG	Mar 2025	Aug 2025	973	17.181	Y		

^(†) indicates the presence of a P-21

Remarks:

FY24

Phase 1- and Phase 2-unit costs and quantities reflected the most recent Government estimates at the time. The current planned procurement is 800 Phase 1 systems at \$16,350 per system. The remainder of the \$14,664.36M goes to procuring Phase 2 LRIP quantities.

FY25

The Phase 2 variant is scheduled to provide improved battery performance in FY25.

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20 **P-1 Line Item Number / Title:** 4868W12002 / Robotics and Applique Systems **Item Number / Title [DODIC]:** W63798 / Soldier Borne Sensor (SBS)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023														Fiscal Year 2024										B A L A N C E							
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023														Calendar Year 2024																
							O C T	N O V	D E C	J A N	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						
MANUFACTURING (SBS PHASE 2)																																					
	1	2024	ARMY	1,147	0	1,147																							A -	-	-	-	-	90	90	967	
	1	2025	ARMY	973	0	973																															973
							O C T	N O V	D E C	J A N	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems	Item Number / Title [DODIC]: W63798 / Soldier Borne Sensor (SBS)
--	--	--

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025												Fiscal Year 2026												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025												Calendar Year 2026												
							O C T	N O V	D E C	J A N	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
MANUFACTURING (SBS PHASE 2)																															
1		2024	ARMY	1,147	180	967	90	90	100	100	100	100	100	100	100	87														0	
1		2025	ARMY	973	0	973												97	97	97	97	97	97	97	97	97	97	98	98	98	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 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 4868W12002 / Robotics and Applique Systems	Item Number / Title [DODIC]: W63798 / Soldier Borne Sensor (SBS)
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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 (Phase 2) - TBD	41	250	500	2	5	5	10	2	5	5	10

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

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

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 20: Engineer (Non-Construction) Equipment	P-1 Line Item Number / Title: 5913R63610 / Render Safe Sets kits Outfits
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: N/A	Other Related Program Elements: 0654808A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	123	-	-	4	-	4	4	6	6	4	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	331.997	-	-	16.440	-	16.440	10.374	12.357	12.368	16.781	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	331.997	-	-	16.440	-	16.440	10.374	12.357	12.368	16.781	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	331.997	-	-	16.440	-	16.440	10.374	12.357	12.368	16.781	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>)	2,699.163	-	-	4,110.000	-	4,110.000	2,593.500	2,059.500	2,061.333	4,195.250	Continuing	Continuing

Description:

The Explosive Ordnance Disposal (EOD) Render Safe (RS) Sets, Kits, and Outfits (SKO) provides capabilities needed for EOD teams to render safe US and foreign ordnance and improvised explosive devices, enabling ground force commanders to retain freedom of maneuver and secure lines of communications in multi-domain operations (MDO).

(R63610) EOD RS SKO equips EOD teams with: low light visual augmentation system, dismounted operations protection, localized incident site protection, subsurface explosive and hazard detection, dismounted X-ray imager, X-ray generator, trace detection (explosives, CBRN, and drugs), unmanned aerial system, power management, gamma and neutron search and detection, and render safe initiation. The RS SKO kit equips the three (3) EOD teams in a platoon. Capabilities in the kit are also needed in other formations that have EOD Soldiers such as Security Force Assistance Brigades (SFABs). EOD teams also need additional tools and equipment such as but not limited to, hook and line kits, disruptors, etc. to conduct render safe operations. Information, reporting and control systems such as the Decision Support System (DSS) will be upgraded. The Army Acquisition Objective (AAO) for EOD RS SKO is 200.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	4	-	4	4	6	4	-
Total Obligation Authority	-	-	16.440	-	16.440	10.374	12.357	8.253	-
ANG									
Quantity	-	-	-	-	-	-	-	-	3
Total Obligation Authority	-	-	-	-	-	-	-	-	12.594
AR									
Quantity	-	-	-	-	-	-	-	2	1
Total Obligation Authority	-	-	-	-	-	-	-	4.115	4.187
Total: Secondary Distribution									
Quantity	-	-	4	-	4	4	6	6	4
Total Obligation Authority	-	-	16.440	-	16.440	10.374	12.357	12.368	16.781

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 20:
 Engineer (Non-Construction) Equipment **P-1 Line Item Number / Title:**
 5913R63610 / Render Safe Sets kits Outfits

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0654808A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	R63701 / Render Safe Sets Kits Outfits	P-5a, P-21	A		123 / 331.997	- / -	- / -	4 / 16.440	- / -	4 / 16.440
P-40	Total Gross/Weapon System Cost				123 / 331.997	- / -	- / -	4 / 16.440	- / -	4 / 16.440

*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 2025 Base Procurement dollars in the amount of \$16.440 million supports the procurement of 4 Render Safe Sets Kits. Funding also supports Fielding and New Equipment Training (NET). R63701 is a new start in FY 2025.

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 2025 Army						Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20			P-1 Line Item Number / Title: 5913R63610 / Render Safe Sets kits Outfits			Item Number / Title [DODIC]: R63701 / Render Safe Sets Kits Outfits		
ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			123	-	-	4	-	4
Gross/Weapon System Cost (\$ in Millions)			331.997	-	-	16.440	-	16.440
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			331.997	-	-	16.440	-	16.440
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			331.997	-	-	16.440	-	16.440
<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)			2,699.163	-	-	4,110.000	-	4,110.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Render Safe (RS) Sets, Kits, and Outfits (SKO) ^(f)	1,551.699	176	273.099	-	-	-	-	-	-	2,872.750	4	11.491	-	-	-	2,872.750	4	11.491
<i>Subtotal: Recurring Cost</i>	-	-	273.099	-	-	-	-	-	-	-	-	11.491	-	-	-	-	-	11.491
<i>Subtotal: Hardware Cost</i>	-	-	273.099	-	-	-	-	-	-	-	-	11.491	-	-	-	-	-	11.491
Package Fielding Cost																		
Recurring Cost																		
Shipping and Transportation	-	-	1.656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	1.656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Package Fielding Cost</i>	-	-	1.656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Acceptance Testing Cost																		
First Article Test	-	-	0.050	-	-	-	-	-	-	-	-	0.325	-	-	-	-	-	0.325
<i>Subtotal: Support - Acceptance Testing Cost</i>	-	-	0.050	-	-	-	-	-	-	-	-	0.325	-	-	-	-	-	0.325
Support - Initial Spares and Repair Parts Cost																		
Initial Spares and Repair Parts	-	-	28.785	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Initial Spares and Repair Parts Cost</i>	-	-	28.785	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20						P-1 Line Item Number / Title: 5913R63610 / Render Safe Sets kits Outfits						Item Number / Title [DODIC]: R63701 / Render Safe Sets Kits Outfits					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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 - New Equipment Training (NET) Cost																		
Equipment	-	-	3.000	-	-	-	-	-	-	-	-	1.592	-	-	-	-	-	1.592
<i>Subtotal: Support - New Equipment Training (NET) Cost</i>	-	-	3.000	-	-	-	-	-	-	-	-	1.592	-	-	-	-	-	1.592
Support - Production Engineering Cost																		
Production Engineering	-	-	11.500	-	-	-	-	-	-	-	-	0.732	-	-	-	-	-	0.732
<i>Subtotal: Support - Production Engineering Cost</i>	-	-	11.500	-	-	-	-	-	-	-	-	0.732	-	-	-	-	-	0.732
Support - Program Management Cost																		
Government Management	-	-	13.907	-	-	-	-	-	-	-	-	2.300	-	-	-	-	-	2.300
<i>Subtotal: Support - Program Management Cost</i>	-	-	13.907	-	-	-	-	-	-	-	-	2.300	-	-	-	-	-	2.300
Gross/Weapon System Cost	2,699.163	123	331.997	-	-	-	-	-	-	4,110.000	4	16.440	-	-	-	4,110.000	4	16.440

Remarks:
Unit cost increase due to decrease in procured quantity as well as increased costs for the MODI electronic countermeasure (ECM) system.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	4	-	4
	Total Obligation Authority	-	-	16.440	-	16.440
Total:	Quantity	-	-	4	-	4
Secondary Distribution	Total Obligation Authority	-	-	16.440	-	16.440

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20			P-1 Line Item Number / Title: 5913R63610 / Render Safe Sets kits Outfits				Item Number / Title [DODIC]: R63701 / Render Safe Sets Kits Outfits					
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
Render Safe (RS) Sets, Kits, and Outfits (SKO) ^(†)		2025	Defense Logistics Agency (DLA) / Philadelphia, PA	MIPR	Philadelphia, PA	Mar 2025	Sep 2025	4	2,872.750	N		

^(†) indicates the presence of a P-21

Remarks:
Acquire commercial off-the-shelf systems (COTs) using Defense Logistics Agency (DLA) and other Army contract vehicles.

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 5913R63610 / Render Safe Sets kits Outfits	Item Number / Title [DODIC]: R63701 / Render Safe Sets Kits Outfits
--	--	---

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025													Fiscal Year 2026													BALANCE	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025													Calendar Year 2026													
							O C T	N O V	D E C	J A N	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			
Render Safe (RS) Sets, Kits, and Outfits (SKO)																																	
Prior Years Deliveries: 176																																	
1	2025	ARMY		4	0	4																											

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Exhibit P-21, Production Schedule: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 20	P-1 Line Item Number / Title: 5913R63610 / Render Safe Sets kits Outfits	Item Number / Title [DODIC]: R63701 / Render Safe Sets Kits Outfits
--	--	---

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Defense Logistics Agency (DLA) - Philadelphia, PA	1	5	7	6	6	6	12	6	6	6	12

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 20: Engineer (Non-Construction) Equipment	P-1 Line Item Number / Title: 8500R12001 / Family of Boats and Motors
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	116	0	173	64	-	64	-	-	-	-	-	353
Gross/Weapon System Cost (<i>\$ in Millions</i>)	23.229	-	4.785	1.922	-	1.922	-	-	-	-	-	29.936
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	23.229	-	4.785	1.922	-	1.922	-	-	-	-	-	29.936
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	23.229	-	4.785	1.922	-	1.922	-	-	-	-	-	29.936

(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>)	200.250	-	27.659	30.031	-	30.031	-	-	-	-	-	84.805

Description:

The Family of Boats and Motors (FoBaM) consists of 7-person Inflatable Combat Raiding Craft (I-CRC), 15 person Inflatable Combat Assault Craft (I-CAC), Common Motor, and Rigid Inflatable Boat (RIB). The FoBaM Program supports the critical large scale ground combat operation (GAP #8), division wet gap crossing. The 7-person I-CRC, 15-person I-CAC, Common Motor and Rigid Inflatable Boat (RIB) replaces current outdated legacy systems to support Soldier lethality. Army Acquisition Objective (AAO) for FoBaM is: 7-person I-CRC 392, 15-person I-CAC 636, Common Motor 1016 and RIB 23.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	173	64	-	64	-	-	-	-
Total Obligation Authority	-	4.785	1.922	-	1.922	-	-	-	-
Total:									
Secondary Distribution									
Quantity	-	173	64	-	64	-	-	-	-
Total Obligation Authority	-	4.785	1.922	-	1.922	-	-	-	-

Justification:

FY 2025 Base procurement dollars in the amount of \$1.922 million for Family of Boats and Motors (FoBaM) supports the procurement of 35 Common Motors and 29 15-Man Boats, program support, transportation, and fielding to support Base requirements.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), these items are 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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment	P-1 Line Item Number / Title: 0100MF9000 / Heaters and ECU's
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0608804A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	234	132	40	200	-	200	270	277	286	296	-	1,735
Gross/Weapon System Cost <i>(\$ in Millions)</i>	164.299	7.672	7.617	14.355	-	14.355	14.945	15.568	16.184	17.020	-	257.660
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	164.299	7.672	7.617	14.355	-	14.355	14.945	15.568	16.184	17.020	-	257.660
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	164.299	7.672	7.617	14.355	-	14.355	14.945	15.568	16.184	17.020	-	257.660

(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>	702.132	58.121	190.425	71.775	-	71.775	55.352	56.202	56.587	57.500	-	148.507

Description:

This budget line represents the Army's family of Improved Environmental Control Units (IECUs), commonly known as Air Conditioners. IECUs provide cooling and supplemental heating for Army tents and shelters. Systems range in size from 9,000 to 60,000 British Thermal Units/hour (BTU/hr) and are powered by common electrical currents supplied by both mobile electric power systems and standard commercial facilities. IECUs also provide dehumidification and filtering of air in support of environmentally sensitive electronic equipment in mobile shelters and vans. IECUs support critical electronic equipment that would not support the Army mission without proper environmental control. IECUs support numerous major tactical weapon systems. The majority of the supported weapon systems are command, control, and communication items. Other applications include medical facilities, expeditionary basing, support equipment, satellite communications, intelligence gathering systems, petroleum and water logistics laboratories, electronic shop sets, Test Measurement and Diagnostic Equipment (TMDE), aviation shop sets and topographic support sets.

The IECU program will provide a new generation of Environmental Control Units (ECUs) that use environmentally approved refrigerants, with zero ozone-depleting chemicals (ODCs), to replace the current Military Standard (MIL-STD) Family of ECUs. IECUs are required to replace currently fielded environmental control units in order to comply with statutory and regulatory restrictions on the use of Class II Ozone Depleting Chemicals (ODCs) and to increase the performance of military ECUs. IECUs operate at wider operating temperatures, are more ruggedized than commercial ECUs, and employ embedded diagnostics and automatic safety controls. Technical improvements over existing military-standard ECUs will yield significant fuel and weight savings, reduction in scheduled maintenance, and increased reliability.

- 60,000 (3 phase / 50-60 hertz) BTUH (British Thermal Units per Hour) Army Acquisition Objective (AAO) = 3,630
- 9,000 (single phase / 60 hertz) BTUH AAO = 706
- 18,000 (3 phase / 60 hertz / 208V) BTUH AAO = 3,556
- 18,000 (single phase / 60 hertz / 230V) BTUH AAO= 411
- 36,000 (3 phase / 60 hertz) BTUH AAO= 743

Note: Requirement is to fill existing shortages or provide replacement for assets that are over age, non-supportable, and non-repairable. The IECUs are critical to the systems they support. Additionally, IECUs are required to fill urgent shortages on new fieldings of high priority weapon systems. They are used in select shelters which house critical life-saving operations in Combat Support Hospitals and storage of perishable supplies in Brigade Support Battalions. The IECUs provide an EPA compliant capability to the force structure before commercial/military stocks of previously used refrigerant are exhausted and no longer available. IECUs provide essential air conditioning, dehumidification and filtering of air in support of environmentally sensitive electronic equipment in mobile shelters and vans critical to the CP mission and are a critical component of multiple mobile weapons systems. Present and emerging command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) systems require environmental control to moderate the environmental temperatures in which these systems operate.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment		P-1 Line Item Number / Title: 0100MF9000 / Heaters and ECU's
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0608804A
Line Item MDAP/MAIS Code: N/A		

All OCO funding is Active Component.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	132	24	181	-	181	210	212	227	224
	Total Obligation Authority	7.672	4.556	12.994	-	12.994	11.631	11.921	12.851	12.888
ANG	Quantity	-	12	14	-	14	42	43	40	18
	Total Obligation Authority	-	2.296	1.003	-	1.003	2.321	2.414	2.260	1.033
AR	Quantity	-	4	5	-	5	18	22	19	54
	Total Obligation Authority	-	0.765	0.358	-	0.358	0.993	1.233	1.073	3.099
Total:	Quantity	132	40	200	-	200	270	277	286	296
Secondary Distribution	Total Obligation Authority	7.672	7.617	14.355	-	14.355	14.945	15.568	16.184	17.020

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment **P-1 Line Item Number / Title:** 0100MF9000 / Heaters and ECU's

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0608804A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	MF9303 / IMPROVED ENVIRONMENTAL CONTROL UNITS	P-5a, P-21			234 / 164.299	132 / 7.672	40 / 7.617	200 / 14.355	- / -	200 / 14.355
P-40	Total Gross/Weapon System Cost				234 / 164.299	132 / 7.672	40 / 7.617	200 / 14.355	- / -	200 / 14.355

*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:
 FY2025 base procurement dollars in the amount of \$14.355 million supports the family of Improved Environmental Control Units (IECU) and Base requirements. Funding will support a new competitive production contract award, procurement of First Article production assets, and procurement of a follow-on delivery order. FY2025 funding also provides technical and logistics support documentation for the new contract.

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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25		P-1 Line Item Number / Title: 0100MF9000 / Heaters and ECU's
		Item Number / Title [DODIC]: MF9303 / IMPROVED ENVIRONMENTAL CONTROL UNITS

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)				234	132	40	200	-	200
Gross/Weapon System Cost (<i>\$ in Millions</i>)				164.299	7.672	7.617	14.355	-	14.355
Less PY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)				164.299	7.672	7.617	14.355	-	14.355
Plus CY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)				164.299	7.672	7.617	14.355	-	14.355
<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>)				702.132	58.121	190.425	71.775	-	71.775

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
1. Engineering Support	-	-	26.475	-	-	0.896	-	-	1.632	-	-	2.868	-	-	-	-	-	2.868
2. Engineering Change Orders	-	-	14.581	-	-	0.782	-	-	0.247	-	-	0.250	-	-	-	-	-	0.250
Initial Spares	-	-	0.816	-	-	0.024	-	-	0.024	-	-	0.521	-	-	-	-	-	0.521
3. Testing	-	-	4.330	-	-	-	-	-	0.400	-	-	0.989	-	-	-	-	-	0.989
4. System Fielding Support	-	-	3.239	-	-	-	-	-	0.520	-	-	0.263	-	-	-	-	-	0.263
5. System Assessment	-	-	1.205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Logistic Support	-	-	31.948	-	-	0.896	-	-	0.914	-	-	1.083	-	-	-	-	-	1.083
7. Data	-	-	4.495	-	-	-	-	-	0.900	-	-	0.685	-	-	-	-	-	0.685
8. Program Management Support	-	-	22.678	-	-	0.460	-	-	0.381	-	-	0.530	-	-	-	-	-	0.530
<i>Subtotal: Recurring Cost</i>	-	-	<i>109.767</i>	-	-	<i>3.058</i>	-	-	<i>5.018</i>	-	-	<i>7.189</i>	-	-	-	-	-	<i>7.189</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>109.767</i>	-	-	<i>3.058</i>	-	-	<i>5.018</i>	-	-	<i>7.189</i>	-	-	-	-	-	<i>7.189</i>

Hardware Cost																		
Recurring Cost																		
9,000 BTU/H ECU ^(†)	7.493	584	4.376	-	-	-	52.250	8	0.418	33.000	19	0.627	-	-	-	33.000	19	0.627

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 0100MF9000 / Heaters and ECU's	Item Number / Title [DODIC]: MF9303 / IMPROVED ENVIRONMENTAL CONTROL UNITS

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
18,000 BTU/H ECU (208V 3PH/50/60Hz) ^(†)	9.381	950	8.912	34.955	132	4.614	62.625	8	0.501	35.000	158	5.530	-	-	-	35.000	158	5.530
18,000 BTU/H ECU (230V 1PH/50/60Hz) ^(†)	11.691	485	5.670	-	-	-	62.625	8	0.501	38.000	8	0.304	-	-	-	38.000	8	0.304
36,000 BTU/H ECU ^(†)	11.712	462	5.411	-	-	-	73.688	16	1.179	47.000	15	0.705	-	-	-	47.000	15	0.705
60,000 BTU/H IECU (Full Rate)	8.314	3,628	30.164	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	54.533	-	-	4.614	-	-	2.599	-	-	7.166	-	-	-	-	-	7.166
<i>Subtotal: Hardware Cost</i>	-	-	54.533	-	-	4.614	-	-	2.599	-	-	7.166	-	-	-	-	-	7.166
Gross/Weapon System Cost	702.132	234	164.299	58.121	132	7.672	190.425	40	7.617	71.775	200	14.355	-	-	-	71.775	200	14.355

Remarks:

FY23: Funding used to procure 18K3 IECUs to meet Data Interchange customers (ARSS, MWMSS, TSS, FoPUK, M2S2) demand.

FY24: The Army is adjusting its contracting strategy from a build-to-print to a performance specification based contract. During FY24, the Army will focus on integration efforts to Data Interchange (DI) end users and refinement of integrated logistics support (ILS) product/documentation.

FY25: New contract award to include First Article Test (FAT) units and first Delivery Order of production assets.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	132	24	181	-	181
	Total Obligation Authority	7.672	4.556	12.994	-	12.994
ANG	Quantity	-	12	14	-	14
	Total Obligation Authority	-	2.296	1.003	-	1.003
AR	Quantity	-	4	5	-	5
	Total Obligation Authority	-	0.765	0.358	-	0.358
Total: Secondary Distribution	Quantity	132	40	200	-	200
	Total Obligation Authority	7.672	7.617	14.355	-	14.355

^(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25			P-1 Line Item Number / Title: 0100MF9000 / Heaters and ECU's				Item Number / Title [DODIC]: MF9303 / IMPROVED ENVIRONMENTAL CONTROL UNITS					

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
9,000 BTU/H ECU		2024	TBD / TBD	C / FFP	ACC-APG Natick, MA	Mar 2024	Jun 2025	8	52.250	N	Mar 2023	Jun 2023
9,000 BTU/H ECU		2025	TBD / TBD	C / TBD	ACC-APG Natick, MA	Mar 2025	Jun 2026	19	33.000	N		
18,000 BTU/H ECU (208V 3PH/50/60Hz)		2023	DLA Troop Support / Philadelphia, PA	SS / FFP	ACC-APG Natick, MA	Aug 2023	Oct 2024	132	34.955	Y	Sep 2022	Feb 2023
18,000 BTU/H ECU (208V 3PH/50/60Hz)		2024	TBD / TBD	C / FFP	ACC-APG Natick, MA	Mar 2024	Jun 2025	8	62.625	N	Mar 2023	Jun 2023
18,000 BTU/H ECU (208V 3PH/50/60Hz) ^(†)		2025	TBD / TBD	C / TBD	ACC-APG Natick, MA	Mar 2025	Jul 2026	158	35.000	N		
18,000 BTU/H ECU (230V 1PH/50/60Hz)		2024	TBD / TBD	C / FFP	ACC-APG Natick, MA	Mar 2024	Jun 2025	8	62.625	N	Mar 2023	Jun 2023
18,000 BTU/H ECU (230V 1PH/50/60Hz)		2025	TBD / TBD	C / TBD	ACC-APG Natick, MA	Mar 2025	Jun 2026	8	38.000	N		
36,000 BTU/H ECU		2024	TBD / TBD	C / FFP	ACC-APG Natick, MA	Mar 2024	Jun 2025	16	73.688	N	Mar 2023	Jun 2023
36,000 BTU/H ECU		2025	TBD / TBD	C / TBD	ACC-APG Natick, MA	Mar 2025	Jun 2026	15	47.000	N		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25										P-1 Line Item Number / Title: 0100MF9000 / Heaters and ECU's										Item Number / Title [DODIC]: MF9303 / IMPROVED ENVIRONMENTAL CONTROL UNITS									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023														Fiscal Year 2024														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023														Calendar Year 2024														
							O C T	N O V	D E C	J A N	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					
18,000 BTU/H ECU (208V 3PH/50/60Hz)																																			
Prior Years Deliveries: 950																																			
1	2025	ARMY		158	0	158	O C T	N O V	D E C	J A N	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	158				

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25										P-1 Line Item Number / Title: 0100MF9000 / Heaters and ECU's										Item Number / Title [DODIC]: MF9303 / IMPROVED ENVIRONMENTAL CONTROL UNITS									

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2025														Fiscal Year 2026														BALANCE
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025														Calendar Year 2026														
							O C T	N O V	D E C	J A N	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					

18,000 BTU/H ECU (208V 3PH/50/60Hz)

Prior Years Deliveries: 950

1	2025	ARMY	158	0	158							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	58	0

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25		P-1 Line Item Number / Title: 0100MF9000 / Heaters and ECU's
Item Number / Title [DODIC]: MF9303 / IMPROVED ENVIRONMENTAL CONTROL UNITS		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	75	0	0	0	0	0	0	0	0

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

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

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment	P-1 Line Item Number / Title: 8822G01101 / Personnel Recovery Support System (PRSS)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	10,371	2,629	1,295	4,052	-	4,052	5,257	5,156	5,056	5,087	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	126.846	4.691	5.356	6.503	-	6.503	9.183	9.188	9.196	9.289	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	126.846	4.691	5.356	6.503	-	6.503	9.183	9.188	9.196	9.289	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	126.846	4.691	5.356	6.503	-	6.503	9.183	9.188	9.196	9.289	Continuing	Continuing

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	12.231	1.784	4.136	1.605	-	1.605	1.747	1.782	1.819	1.826	Continuing	Continuing

Description:

The Personnel Recovery Support System (PRSS) consists of items including Personnel Recovery Devices (PRD) and other Personnel Recovery Support Equipment (PRSE) items to report and locate isolated soldiers, forces and elements.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	2,629	1,295	4,052	-	4,052	5,257	5,156	5,087
	Total Obligation Authority	4.691	5.356	6.503	-	6.503	9.183	9.188	9.196
Total: Secondary Distribution	Quantity	2,629	1,295	4,052	-	4,052	5,257	5,156	5,087
	Total Obligation Authority	4.691	5.356	6.503	-	6.503	9.183	9.188	9.196

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment **P-1 Line Item Number / Title:** 8822G01101 / Personnel Recovery Support System (PRSS)

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	G01101 / Personnel Recovery Support System (PRSS)	P-5a			10,371 / 126.846	2,629 / 4.691	1,295 / 5.356	4,052 / 6.503	- / -	4,052 / 6.503
P-40	Total Gross/Weapon System Cost				10,371 / 126.846	2,629 / 4.691	1,295 / 5.356	4,052 / 6.503	- / -	4,052 / 6.503

*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 2025 procurement dollars in the amount of \$6.503 million supports the procurement of 4,052 Army Personnel Recovery Devices (PRDs), equipment, and efforts that support the capability to locate and report isolated, missing, detained and captured Soldiers.

The Army Acquisition Objective (AAO) for the Personnel Recovery Support System (PRSS) is 86,522.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25		P-1 Line Item Number / Title: 8822G01101 / Personnel Recovery Support System (PRSS)
		Item Number / Title [DODIC]: G01101 / Personnel Recovery Support System (PRSS)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			10,371	2,629	1,295	4,052	-	4,052
Gross/Weapon System Cost (\$ in Millions)			126.846	4.691	5.356	6.503	-	6.503
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			126.846	4.691	5.356	6.503	-	6.503
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			126.846	4.691	5.356	6.503	-	6.503
<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)			12.231	1.784	4.136	1.605	-	1.605

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Personnel Recovery Equipment Items	0.983	59,293	58.285	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Secure Personal Locator Beacons ^(†)	1.004	8,165	8.200	0.894	3,691	3.300	0.926	1,295	1.199	1.114	4,052	4.514	-	-	-	1.114	4,052	4.514
Initial Spares & Repair Parts	-	-	3.436	-	-	0.010	-	-	0.084	-	-	0.084	-	-	-	-	-	0.084
Support Equipment	-	-	7.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Systems Test and Evaluation	-	-	1.186	-	-	-	-	-	1.947	-	-	0.500	-	-	-	-	-	0.500
Nonrecurring Engineering	-	-	9.112	-	-	0.075	-	-	-	-	-	-	-	-	-	-	-	-
Systems Integration and Engineering	-	-	7.703	-	-	0.091	-	-	-	-	-	-	-	-	-	-	-	-
Project Management Admin	-	-	8.444	-	-	1.015	-	-	1.552	-	-	0.700	-	-	-	-	-	0.700
Fielding & Training	-	-	5.539	-	-	0.200	-	-	0.051	-	-	0.154	-	-	-	-	-	0.154
Contract Logistics/ Subject Expert Spt	-	-	17.923	-	-	-	-	-	0.523	-	-	0.551	-	-	-	-	-	0.551
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>126.848</i>	<i>-</i>	<i>-</i>	<i>4.691</i>	<i>-</i>	<i>-</i>	<i>5.356</i>	<i>-</i>	<i>-</i>	<i>6.503</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>6.503</i>
<i>Subtotal: Flyaway Cost</i>	<i>-</i>	<i>-</i>	<i>126.848</i>	<i>-</i>	<i>-</i>	<i>4.691</i>	<i>-</i>	<i>-</i>	<i>5.356</i>	<i>-</i>	<i>-</i>	<i>6.503</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>6.503</i>
Gross/Weapon System Cost	12.231	10,371	126.846	1.784	2,629	4.691	4.136	1,295	5.356	1.605	4,052	6.503	-	-	-	1.605	4,052	6.503

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8822G01101 / Personnel Recovery Support System (PRSS)	Item Number / Title [DODIC]: G01101 / Personnel Recovery Support System (PRSS)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Remarks:
FY 2025 Procurement cost increases due to system design changes and test and evaluation cost elements to execute Engineering Change Proposals (ECP's) necessary to integrate a secure mode compatibility onto the PRSS system.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	2,629	1,295	4,052	-	4,052
	Total Obligation Authority	4.691	5.356	6.503	-	6.503
Total:	Quantity	2,629	1,295	4,052	-	4,052
Secondary Distribution	Total Obligation Authority	4.691	5.356	6.503	-	6.503

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25			P-1 Line Item Number / Title: 8822G01101 / Personnel Recovery Support System (PRSS)					Item Number / Title [DODIC]: G01101 / Personnel Recovery Support System (PRSS)				
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
Secure Personal Locator Beacons		2022	Safran Federal Systems, Inc. / Rochester, NY	C / IDIQ	Aberdeen, MD	Mar 2022	Sep 2022	8,165	1.004	Y		
Secure Personal Locator Beacons		2023	Safran Federal Systems, Inc. / Rochester, NY	C / IDIQ	Aberdeen, MD	Mar 2023	Sep 2023	3,691	0.894	Y		
Secure Personal Locator Beacons		2024	Safran Federal Systems, Inc. / Rochester, NY	C / IDIQ	ACC Redstone Arsenal, AL	Oct 2023	Sep 2024	1,295	0.926	N		
Secure Personal Locator Beacons		2025	Safran Federal Systems, Inc. / Rochester, NY	C / IDIQ	ACC Redstone Arsenal, AL	Oct 2024	Sep 2025	4,052	1.114	Y		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment	P-1 Line Item Number / Title: 8825R80501 / Ground Soldier System
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604818A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	8,288	2,491	2,485	2,403	-	2,403	1,452	581	2,168	2,884	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	949.340	124.828	167.129	141.613	-	141.613	107.273	101.572	107.946	143.549	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	949.340	124.828	167.129	141.613	-	141.613	107.273	101.572	107.946	143.549	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	949.340	124.828	167.129	141.613	-	141.613	107.273	101.572	107.946	143.549	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>)	114.544	50.112	67.255	58.932	-	58.932	73.879	174.823	49.791	49.774	Continuing	Continuing

Description:

This funding line is directly aligned to the Army's Network Modernization Strategy Line of Effort (LOE) #1, Unified Network.

The Ground Soldier Systems funding line known as Nett Warrior (NW) commercial End User Devices and supporting equipment provide the dismounted leader integrated mission command and situational awareness during combat operations. The NW system provides operators real-time information on friendly positions, information about enemy activity and movement, navigational data and map imagery, and other mission related graphics. Nett Warrior applies feedback from conventional and Special Operations units to procure and implement SECRET as well as Controlled Unclassified Information (CUI) / Secure but Unclassified (SBU) networking equipment for Integrated Tactical Network Brigades to enable faster, more flexible Mission Command data exchanges with Joint and Coalition forces while maintaining the existing interoperability with the Mounted and Command Post Computing Environments. NW uses Commercial-Off-The-Shelf (COTS) and Non-Developmental (NDI) communications equipment to create a robust and flexible SBU Integrated Tactical Network that enables faster and more accurate decision-making during combat operations at the tactical level. NW also procures supporting power systems to reduce power requirements in the expeditionary environment. NW provides the dismounted common computational platform for the Mobile Handheld Computing Environment and includes integration and interface of products on Soldiers.

The AAO for NW is 62,296.

FY25 splits the old "System Fielding, Initial Spares and Support" category into three - Spares & Fielding, Technology Refresh, and Systems Engineering/Program Management (SEPM). Deltas from FY24 equivalent cost categories are also due to COMPO 2 breakout in FY25 (Special Forces National Guard). FY25 also accounts for five-year technology refreshes for four Brigade Combat Teams (BCTs) procured in FY2020 and FY2021.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	2,491	2,485	-	-	-	-	-	2,884
	Total Obligation Authority	124.828	167.129	-	-	-	-	-	143.549
ANG	Quantity	-	-	2,403	-	2,403	1,452	581	2,168
	Total Obligation Authority	-	-	141.613	-	141.613	107.273	101.572	107.946

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army							Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment					P-1 Line Item Number / Title: 8825R80501 / Ground Soldier System				
ID Code (A=Service Ready, B=Not Service Ready):			Program Elements for Code B Items: N/A			Other Related Program Elements: 0604818A			
Line Item MDAP/MAIS Code: N/A									

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Total:	Quantity	2,491	2,485	2,403	-	2,403	1,452	581	2,168	2,884
Secondary Distribution	Total Obligation Authority	124.828	167.129	141.613	-	141.613	107.273	101.572	107.946	143.549

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25:
Combat Service Support Equipment

P-1 Line Item Number / Title:
8825R80501 / Ground Soldier System

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604818A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	R80501 / Ground Soldier System	P-5a			8,288 / 949.340	2,491 / 124.828	2,485 / 167.129	2,403 / 141.613	- / -	2,403 / 141.613
P-40	Total Gross/Weapon System Cost				8,288 / 949.340	2,491 / 124.828	2,485 / 167.129	2,403 / 141.613	- / -	2,403 / 141.613

*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:
FY2025 base procurement funding in the amount of \$141.613 million procures 2403 systems for 3 Brigade Combat Teams (BCTs) of NW Soldier-worn hardware, NW support equipment, NW vehicle integration kits and Integrated Tactical Network (ITN) CUI / SBU network communications equipment, New Equipment Training (NET) and support services for fielding to 2 active duty BCTs in FY2025 as well as 1 Group for Special Forces National Guard.

Provides support services to Special Operations, Ranger and Army conventional units. NW-equipped units directly enhance the Army's combat overmatch capability in two Army mission essential tasks: 1) enhances small unit combat fighting capabilities by providing improved situational awareness and mission command to dismounted combat leaders through an integrated smart device and supporting equipment and 2) enables commanders to combine elements of combat power (mission command, movement and maneuver, leadership, intelligence, fires, information, sustainment and protection) to engage the enemy and swiftly end tactical engagements and reduce possible fratricide. NW brings the dismounted tactical combat leaders into the Army's ITN through the CUI / SBU network systems and feeds tactically relevant data into the higher classified Army and Joint Coalition networks. On-going evaluations of the ITN will validate effectiveness and scalability. When major performance improvements in commercial smartphones enable either significant improvements in NW capabilities or reduction in Size, Weight and Power (SWaP), the program will initiate procurement-funded technology refreshment in accordance with AR 70-1 and DoD Financial Management Regulation (FMR).

The PM on an as-needed basis will, due to the commercial nature of the Nett Warrior system hardware (e.g. smart phones, smart phone cases, screen protectors, memory cards and other associated accessories) and to address diminishing manufacturing (obsolescence parts), consolidate the purchase on NW commercial-based items across multiple years to execute a buyout of devices / components for up to two years beyond FY2024.

FY25 splits the old "System Fielding, Initial Spares and Support" category into three - Spares & Fielding, Technology Refresh, and SEPM. Deltas from FY24 equivalent cost categories are also due to COMPO 2 breakout in FY25 (Special Forces National Guard). FY25 also accounts for five-year technology refreshes for four BCTs procured in FY2020 and FY2021.

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8825R80501 / Ground Soldier System	Item Number / Title [DODIC]: R80501 / Ground Soldier System
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity <i>(Units in Each)</i>	8,288	2,491	2,485	2,403	-	2,403
Gross/Weapon System Cost <i>(\$ in Millions)</i>	949.340	124.828	167.129	141.613	-	141.613
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	949.340	124.828	167.129	141.613	-	141.613
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	949.340	124.828	167.129	141.613	-	141.613

(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>	114.544	50.112	67.255	58.932	-	58.932

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
NW Soldier Worn Hardware (COMPO 1) ^(f)	3.226	46,596	150.317	6.634	1,500	9.951	4.449	2,485	11.055	4.717	2,403	11.334	-	-	-	4.717	2,403	11.334
Vehicle Integration Kits (COMPO 1)	-	-	182.461	-	-	1.336	-	-	16.388	-	-	4.230	-	-	-	-	-	4.230
Network Support Equipment (COMPO 1)	-	-	158.167	-	-	7.062	-	-	9.973	-	-	10.811	-	-	-	-	-	10.811
Battery and Recharging (COMPO 1)	-	-	164.113	-	-	29.247	-	-	40.600	-	-	32.309	-	-	-	-	-	32.309
Voice Data Gateway (COMPO 1)	-	-	9.374	-	-	1.306	-	-	4.391	-	-	1.572	-	-	-	-	-	1.572
Echelon TOC Boxes (COMPO 1)	-	-	63.576	-	-	17.252	-	-	17.410	-	-	8.841	-	-	-	-	-	8.841
Network Extenders (COMPO 1)	-	-	18.240	-	-	0.897	-	-	0.866	-	-	0.438	-	-	-	-	-	0.438
System Fielding, Initial Spares and Support (COMPO 1)	-	-	203.092	-	-	7.529	-	-	66.445	-	-	9.185	-	-	-	-	-	9.185
Technology Refresh (COMPO 1)	-	-	-	-	-	6.744	-	-	-	-	-	21.647	-	-	-	-	-	21.647
Systems Engineering/ Program Management (COMPO 1)	-	-	-	-	-	43.504	-	-	-	-	-	41.246	-	-	-	-	-	41.246

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8825R80501 / Ground Soldier System	Item Number / Title [DODIC]: R80501 / Ground Soldier System
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	949.340	-	-	124.828	-	-	167.128	-	-	141.613	-	-	-	-	-	141.613
<i>Subtotal: Hardware Cost</i>	-	-	949.340	-	-	124.828	-	-	167.128	-	-	141.613	-	-	-	-	-	141.613
Gross/Weapon System Cost	114.544	8,288	949.340	50.112	2,491	124.828	67.255	2,485	167.129	58.932	2,403	141.613	-	-	-	58.932	2,403	141.613

Remarks:

FY 2023 quantities support procuring 4 BCTs for fielding to COMPO 1 units in accordance with the Army Modernization strategy and one partial tech refresh; higher unit cost in FY23 due to higher proportion of soldier worn hardware supporting components.

FY2024 Gross unit cost increase due to inflation and cost increases for multiple components including Conformal Wearable Batteries (CWBs), Vertical Height Antennae (VHAs), and the Tactical Cross-Domain Solution (TACDS), as well the Gateway Mobile Router (GMR) that provides network connectivity for non-crew Soldiers in combat vehicles. The cost increase also includes a five-year technology refresh for four BCTs procured in FY2019 and FY2020. The additional component and tech upgrade provide enhanced capability to the Soldier. FY24 funds are also being used to improve DOCK-Lites compatibility with other Soldier programs, additional GMR contract support, non-hearing protection tactical headsets for 2-channel leader radios for 10th MTN, and additional VHAs to support competitive sources.

FY25 splits the old "System Fielding, Initial Spares and Support" category into three - Spares & Fielding, Technology Refresh, and SEPM. FY25 also accounts for five-year technology refreshes for four BCTs procured in FY2020 and FY2021. Unit cost increase due to integration of new cable.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	2,491	2,485	-	-	-
	Total Obligation Authority	124.828	167.129	-	-	-
ANG	Quantity	-	-	2,403	-	2,403
	Total Obligation Authority	-	-	141.613	-	141.613
Total: Secondary Distribution	Quantity	2,491	2,485	2,403	-	2,403
	Total Obligation Authority	124.828	167.129	141.613	-	141.613

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8825R80501 / Ground Soldier System	Item Number / Title [DODIC]: R80501 / Ground Soldier System
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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
NW Soldier Worn Hardware (COMPO 1)		2023	Various / APG, MD	C / FFP	APG-MD	Mar 2023	Aug 2023	1,500	6.634	Y		
NW Soldier Worn Hardware (COMPO 1)		2024	Various / APG, MD	C / FFP	APG-MD	Mar 2024	Aug 2024	2,485	4.449	Y		
NW Soldier Worn Hardware (COMPO 1)		2025	Various / APG, MD	C / FFP	APG-MD	Mar 2025	Aug 2025	2,403	4.717	Y		

Remarks:
 The NW program focuses on the integration and evaluation of commercial off the shelf (COTS) smart devices for the MC/SA system. P21 form is not provided, as program procures COTS products. FY25 splits the old "System Fielding, Initial Spares and Support" category into three - Spares & Fielding, Technology Refresh, and SEPM. FY25 also accounts for five-year technology refreshes for four BCTs procured in FY2020 and FY2021.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment	P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	11,151	600	876	758	-	758	766	729	560	524	-	15,964
Gross/Weapon System Cost (<i>\$ in Millions</i>)	118.666	13.034	15.967	23.129	-	23.129	19.650	19.662	19.682	19.878	-	249.668
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	118.666	13.034	15.967	23.129	-	23.129	19.650	19.662	19.682	19.878	-	249.668
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	118.666	13.034	15.967	23.129	-	23.129	19.650	19.662	19.682	19.878	-	249.668

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	10.642	21.723	18.227	30.513	-	30.513	25.653	26.971	35.146	37.935	-	15.639

Description:

BLI 8827R80800 / Mobile Soldier Power is a new start in FY 2025.
SSN R07091 / Platoon Power Generator is a new start within the Mobile Soldier Power program in FY 2025

The Mobile Soldier Power funding line procures power systems to enable dismounted Soldiers to execute their missions with fewer battery resupplies, thus reducing the logistical burden associated with moving fuel, generators and batteries. These capabilities combined allow the dismounted Soldier to operate independently for longer missions without being tethered to a large generator, vehicle, or supply train in austere operating environments. The funding line covers Integrated Soldier Power Data System - Core (ISPDS-C) and Universal Battery Charger (UBC).

The Integrated Soldier Power and Data System-Core (ISPDS-C) funding line procures the power and data hub, Conformal Wearable Battery (CWB), and Squad Power Management (SPM) devices to fill the power and energy gaps of the Soldier. The use of mission essential Soldier portable power consuming systems is increasing across the battlefield. As the battlefield demand for electronic devices and situational awareness tools such as Nett Warrior, Integrated Visual Augmentation System (IVAS), global positioning systems (GPS), weapon sensors, and radios increases, the requirement to provide expeditionary power is a critical enabler to mission accomplishment. This effort is consistent with the Small Unit Power Capability Development Document (CDD) (March 2022), Army Futures Command Power and Battery Modernization Framework, and DRAFT Army Operational Energy Strategy. In FY 2023 and out, the ISPDS-C funding line is covering initial provisioning spares for CWB, CWB Pouches, Power & Data Hub, SPM full system requirement and initial provisioning of spares and Soldier Worn Power Generation (Fuel Cells).

The Universal Battery Charger (UBC) funding line fills the power and energy gap created by the increase in mission essential, Soldier portable power consumers, by providing charging and scavenging solutions capable of providing power to handheld communication devices and a suite of military batteries. The UBC charging solution is procured in two form factors suited for mounted and dismounted operations at the company level and below. The mounted UBC is integrated with combat vehicle platforms and the dismounted UBC and UBC-Light (UBC-L) support the dismounted squad. The mounted UBC consists of an "A" and "B" kit both of which are procured through the UBC funding line. UBC is intended for use in the most austere operating environments. This effort is consistent with the Small Unit Power CDD (March 2022).

The Small Unit Power (SUP) Platoon Power Generation (PPG) is a new start in FY2025. PPG will provide small units with sufficient portable power to sustain Modified Table of Organizational Equipment (MTOE) unit power demand in support of 48-to-72-hour missions. It will be used for charging batteries and powering various types of Army communications and electronics devices. In FY25-28, the Lightweight Tactical Power Source (LWTPS) Indefinite Delivery Indefinite Quantity (IDIQ) will provide a bridging solution until Low-Rate Initial Production quantities of the PPG has been established and are fielded in FY29. AAO: 5,581

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment		P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power

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

AAOs
 UBC: 20,361
 SPM (ISPDS-C): 1,604
 Fuel Cell (ISPDS-C): 99,751

		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Quantity	600	876	567	-	567	659	697	518	499
	Total Obligation Authority	13.034	15.967	19.991	-	19.991	17.262	17.273	16.998	17.463
Army	Quantity	600	876	567	-	567	659	697	518	499
	Total Obligation Authority	13.034	15.967	19.991	-	19.991	17.262	17.273	16.998	17.463
ANG	Quantity	-	-	143	-	143	80	24	35	19
	Total Obligation Authority	-	-	2.353	-	2.353	1.791	1.792	2.086	1.811
AR	Quantity	-	-	48	-	48	27	8	7	6
	Total Obligation Authority	-	-	0.785	-	0.785	0.597	0.597	0.598	0.604
Total: Secondary Distribution	Quantity	600	876	758	-	758	766	729	560	524
	Total Obligation Authority	13.034	15.967	23.129	-	23.129	19.650	19.662	19.682	19.878

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment **P-1 Line Item Number / Title:** 8827R80800 / Mobile Soldier Power

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	R07091 / Platoon Power Generator	P-5a			- / -	- / -	- / -	478 / 7.845	- / -	478 / 7.845
P-5	R08090 / Integrated Soldier Power Data System - Core	P-5a			7,973 / 65.726	- / 3.826	- / 6.703	35 / 7.690	- / -	35 / 7.690
P-5	R09103 / Universal Battery Charger	P-5a			3,178 / 52.940	600 / 9.208	876 / 9.264	245 / 7.594	- / -	245 / 7.594
P-40	Total Gross/Weapon System Cost				11,151 / 118.666	600 / 13.034	876 / 15.967	758 / 23.129	- / -	758 / 23.129

*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 2025 base procurement funding of \$23.129 million procures and fields integrated Soldier power and data system - core, battery chargers, conformable wearable batteries, and associated equipment in support of the Soldier Lethality Cross Functional Team's (SL-CFT) Nett Warrior, Integrated Visual Augmentation System (IVAS), and the Network Cross Functional Team's (N-CFT's) Integrated Tactical Network (ITN) fielding plans for Armored, Stryker, and Infantry Brigade Combat Teams (A/S/I BCTs), security force assistance brigades (SFABs), Ranger, Special Forces units and base requirements.

Soldiers face an ever-growing power demand that requires a comprehensive power generation, storage, and charging architecture. The gap between current power available and future power demand widens with the introduction of additional integrated digital electronic capabilities such as Nett Warrior (NW), Integrated Visual Augmentation System (IVAS), Leader Radios, Next Generation Squad Weapon (NGSW) and Assured Position Navigation and Timing (A-PNT).

SSN R07091: FY 2025 base procurement funding of \$7.845 million supports production and fielding of the Lightweight Tactical Power Source (LWTPS) bridging solution for Small Unit Power (SUP) until Platoon Power Generator (PPG) production quantities are established and fielded in FY28. Without this bridging solution the current gap between power availability and power demand will continue to increase, until production of the PPG can be established and fielded in FY29.

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power	Item Number / Title [DODIC]: R07091 / Platoon Power Generator
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	478	-	478
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	-	-	7.845	-	7.845
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	-	-	7.845	-	7.845
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	-	-	7.845	-	7.845

(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>)	-	-	-	16.412	-	16.412

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Engineering Support	-	-	-	-	-	-	-	-	-	-	-	0.938	-	-	-	-	-	0.938
Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.479	-	-	-	-	-	0.479
Logistics Support	-	-	-	-	-	-	-	-	-	-	-	0.743	-	-	-	-	-	0.743
PM Management Support	-	-	-	-	-	-	-	-	-	-	-	0.905	-	-	-	-	-	0.905
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	<i>3.065</i>	-	-	-	-	-	<i>3.065</i>
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	<i>3.065</i>	-	-	-	-	-	<i>3.065</i>
Hardware Cost																		
Recurring Cost																		
LWTPS ⁽¹⁾	-	-	-	-	-	-	-	-	-	10.000	478	4.780	-	-	-	10.000	478	4.780
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	<i>4.780</i>	-	-	-	-	-	<i>4.780</i>
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	-	-	-	-	-	-	<i>4.780</i>	-	-	-	-	-	<i>4.780</i>
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	-	16.412	478	7.845	-	-	-	16.412	478	7.845

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	287	-	287
	Total Obligation Authority	-	-	4.707	-	4.707
ANG	Quantity	-	-	143	-	143

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Exhibit P-5, Cost Analysis: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power	Item Number / Title [DODIC]: R07091 / Platoon Power Generator
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Secondary Distribution						
	Total Obligation Authority	-	-	2.353	-	2.353
AR	Quantity	-	-	48	-	48
	Total Obligation Authority	-	-	0.785	-	0.785
Total:	Quantity	-	-	478	-	478
Secondary Distribution	Total Obligation Authority	-	-	7.845	-	7.845

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power	Item Number / Title [DODIC]: R07091 / Platoon Power Generator
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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
LWTPS		2025	Novatio Manufacturing / Waltham, MA3	C / IDIQ	Watham, MA	Mar 2025	Apr 2025	478	10.000	Y		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25		P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power
		Item Number / Title [DODIC]: R08090 / Integrated Soldier Power Data System - Core

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)				7,973	-	-	35	-	35
Gross/Weapon System Cost (<i>\$ in Millions</i>)				65.726	3.826	6.703	7.690	-	7.690
Less PY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)				65.726	3.826	6.703	7.690	-	7.690
Plus CY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)				65.726	3.826	6.703	7.690	-	7.690
<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>)				8.244	-	-	219.714	-	219.714

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Soldier Power Hardware ^(†)	0.879	43,936	38.604	-	-	-	-	-	-	8.657	35	0.303	-	-	-	8.657	35	0.303
Soldier Power Initial Spares	-	-	-	-	-	-	-	-	-	-	-	0.805	-	-	-	-	-	0.805
System Fielding and Support	-	-	10.581	-	-	0.974	-	-	2.595	-	-	2.265	-	-	-	-	-	2.265
Sys Eng/Program Management	-	-	13.641	-	-	2.852	-	-	4.108	-	-	4.317	-	-	-	-	-	4.317
Stryker BCT CWB, Power, Data Hubs and SPM	-	-	2.884	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	65.710	-	-	3.826	-	-	6.703	-	-	7.690	-	-	-	-	-	7.690
<i>Subtotal: Hardware Cost</i>	-	-	65.710	-	-	3.826	-	-	6.703	-	-	7.690	-	-	-	-	-	7.690
Gross/Weapon System Cost	8.244	7,973	65.726	-	-	3.826	-	-	6.703	219.714	35	7.690	-	-	-	219.714	35	7.690

Remarks:

The ISPDs-C program provides the management and production support for the Hubs and Conformal Wearable Batteries (CWBs) that are procured for the Nett Warrior fieldings. The FY 2025 quantities of Hub and CWB are for provisioning of spares. The FY 2025 initial spares support fielding requirements.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power	Item Number / Title [DODIC]: R08090 / Integrated Soldier Power Data System - Core

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	35	-	35
	Total Obligation Authority	3.826	6.703	7.690	-	7.690
Total:	Quantity	-	-	35	-	35
Secondary Distribution	Total Obligation Authority	3.826	6.703	7.690	-	7.690

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25			P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power				Item Number / Title [DODIC]: R08090 / Integrated Soldier Power Data System - Core					
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
Soldier Power Hardware		2025	TBD / TBD	MIPR	DLA/TLS	Feb 2025	Aug 2025	35	8.657	Y		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power	Item Number / Title [DODIC]: R09103 / Universal Battery Charger

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)	3,178	600	876	245	-	245
Gross/Weapon System Cost (<i>\$ in Millions</i>)	52.940	9.208	9.264	7.594	-	7.594
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	52.940	9.208	9.264	7.594	-	7.594
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	52.940	9.208	9.264	7.594	-	7.594

(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>)	16.658	15.347	10.575	30.996	-	30.996

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Universal Battery Charger (UBC) Hardware ^(†)	3.705	7,304	27.060	5.132	600	3.079	6.079	876	5.325	6.522	245	1.598	-	-	-	6.522	245	1.598
UBC Fielding and Support	-	-	6.619	-	-	0.587	-	-	0.395	-	-	1.674	-	-	-	-	-	1.674
Initial Spares	-	-	-	-	-	-	-	-	-	-	-	0.109	-	-	-	-	-	0.109
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>33.679</i>	<i>-</i>	<i>-</i>	<i>3.666</i>	<i>-</i>	<i>-</i>	<i>5.720</i>	<i>-</i>	<i>-</i>	<i>3.381</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3.381</i>
Non Recurring Cost																		
UBC Vehicle Integration	-	-	13.479	-	-	2.883	-	-	0.214	-	-	1.034	-	-	-	-	-	1.034
System Engineering/ Program Management	-	-	5.782	-	-	2.659	-	-	3.330	-	-	3.179	-	-	-	-	-	3.179
<i>Subtotal: Non Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>19.261</i>	<i>-</i>	<i>-</i>	<i>5.542</i>	<i>-</i>	<i>-</i>	<i>3.544</i>	<i>-</i>	<i>-</i>	<i>4.213</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>4.213</i>
<i>Subtotal: Hardware Cost</i>	<i>-</i>	<i>-</i>	<i>52.940</i>	<i>-</i>	<i>-</i>	<i>9.208</i>	<i>-</i>	<i>-</i>	<i>9.264</i>	<i>-</i>	<i>-</i>	<i>7.594</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>7.594</i>
Gross/Weapon System Cost	16.658	3,178	52.940	15.347	600	9.208	10.575	876	9.264	30.996	245	7.594	-	-	-	30.996	245	7.594

Remarks:

The UBC Fielding and Support and UBC Vehicle Integration costs are tied to quantities procured one year prior. Additionally, the installation labor and hardware kit costs (UBC Vehicle Integration costs) vary depending on the vehicle platforms which are dependent on the type of BCT that is being fielded.

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Exhibit P-5, Cost Analysis: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power	Item Number / Title [DODIC]: R09103 / Universal Battery Charger
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	600	876	245	-	245
	Total Obligation Authority	9.208	9.264	7.594	-	7.594
Total:	Quantity	600	876	245	-	245
Secondary Distribution	Total Obligation Authority	9.208	9.264	7.594	-	7.594

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8827R80800 / Mobile Soldier Power	Item Number / Title [DODIC]: R09103 / Universal Battery Charger
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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
Universal Battery Charger (UBC) Hardware		2023	Thales Defense / Arlington, VA	MIPR	DLA/TLS	May 2023	Nov 2023	600	5.132	Y		
Universal Battery Charger (UBC) Hardware		2024	TBD / TBD	MIPR	DLA/TLS	Feb 2024	Aug 2024	876	6.079	Y		
Universal Battery Charger (UBC) Hardware		2025	TBD / TBD	MIPR	DLA/TLS	Feb 2025	Aug 2025	245	6.522	Y		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment	P-1 Line Item Number / Title: 8860M80200 / Force Provider
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	30	5	9	5	-	5	5	5	5	5	-	69
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,369.514	12.000	34.200	9.569	-	9.569	9.569	9.569	9.569	9.569	-	1,463.559
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,369.514	12.000	34.200	9.569	-	9.569	9.569	9.569	9.569	9.569	-	1,463.559
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,369.514	12.000	34.200	9.569	-	9.569	9.569	9.569	9.569	9.569	-	1,463.559

(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>)	45,650.467	2,400.000	3,800.000	1,913.800	-	1,913.800	1,913.800	1,913.800	1,913.800	1,913.800	-	21,211.000

Description:

Force Provider is a fully integrated and scalable life support capability supporting critical Operational Plan requirements of the Army Service Component Commands (ASCC) from five Army Prepositioned stock Locations. Provides global force projection for near-peer engagement within 24-48 hours. Highly mobile, rapidly deployable modular system that is resource efficient and easily sustainable. Currently deployed in 3 theaters of operation. Supports 150 personnel deployed in austere and remote expeditionary environments with: Billeting; Food Service; Hygiene facilities; Power generation and distribution; & Petroleum and water storage. Force Provider is fully containerized for rapid deployment and is transportable by rail, sea, land, and air using C-130, C-17 or C-5A aircraft. With the addition of Cold Weather Kits (CWWKs), the module is deployable in temperatures as low as -15 degrees Fahrenheit (with objective of -60). Missions for Force Provider are: Base camps for enforcement missions, peace keeping, theater reception/ redeployment, intermediate staging base operations, humanitarian aid and disaster relief. Each Force Provider module is configured in 150-Soldier or 50/75-Soldier expeditionary subsets that are capable of operating independently as mission requirements dictate. These systems are configured with optional Resource and Operational Energy Efficiency Kits, Power Generation and Distribution Kits, Cold Weather Kits and Prime Power Kits which increase their deployment versatility. The Army Acquisition Objective for Force Provider is a quantity of 257 modules capable of supporting 150 Soldiers each. This includes a breakdown of 216 Force Provider Expeditionary (FPE) 150-Soldier modules, 31 Energy Efficient Rigid Wall Module (E2RWM) 150 Soldier, and, 20 Expeditionary Platoon Life Support Modules (EPLSM) 75 Soldier.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	5	9	5	-	5	5	5	5	5
Total Obligation Authority	12.000	34.200	9.569	-	9.569	9.569	9.569	9.569	9.569
Total:									
Secondary Distribution	Quantity	5	9	5	-	5	5	5	5
	Total Obligation Authority	12.000	34.200	9.569	-	9.569	9.569	9.569	9.569

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment **P-1 Line Item Number / Title:** 8860M80200 / Force Provider

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	M80200 / Force Provider	P-5a, P-21			30 / 1,369.514	5 / 12.000	9 / 34.200	5 / 9.569	- / -	5 / 9.569
P-40	Total Gross/Weapon System Cost				30 / 1,369.514	5 / 12.000	9 / 34.200	5 / 9.569	- / -	5 / 9.569

*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:

M80200: FY25 Base - Overseas Operation Costs (OOC) dollars in the amount of \$9.569 million supports the procurement and fielding of 3 Force Provider 600 PAX Electric Kitchen Facilities (EKF) and 2 Force Provider 600 PAX Morale, Welfare, and Recreation (MWR) add on kits that were consumed in theater.

Overseas Operations Costs (OOC) funds this requirement in the amount of \$9.569 million for FY 2025 Budget Estimate. Overseas Operations Costs (OOC) are those financed with former Overseas Contingency Operations (OCO) funding.

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8860M80200 / Force Provider	Item Number / Title [DODIC]: M80200 / Force Provider
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	30	5	9	5	-	5
Gross/Weapon System Cost (\$ in Millions)	1,369.514	12.000	34.200	9.569	-	9.569
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,369.514	12.000	34.200	9.569	-	9.569
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,369.514	12.000	34.200	9.569	-	9.569

(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)	45,650.467	2,400.000	3,800.000	1,913.800	-	1,913.800

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Hardware Force Provider Module ^(†)	9,645.688	96	925.986	-	-	-	3,259.000	9	29.331	-	-	-	-	-	-	-	-	-
Hardware Power Generation and Distribution Kit	3,388.633	49	166.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware Expeditionary TRICON Set	2,364.537	82	193.892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware Electric Kitchen Facility ^(†)	-	-	-	-	-	-	-	-	-	2,200.000	3	6.600	-	-	-	2,200.000	3	6.600
Hardware MWR Kits ^(†)	-	-	-	-	-	-	-	-	-	950.000	2	1.900	-	-	-	950.000	2	1.900
Hardware ESPS protection kits ^(†)	1,228.059	17	20.877	1,983.000	5	9.915	-	-	-	-	-	-	-	-	-	-	-	-
System Engineering/Program Management	-	-	15.924	-	-	1.295	-	-	1.100	-	-	0.619	-	-	-	-	-	0.619
Logistics	-	-	6.847	-	-	0.100	-	-	0.500	-	-	-	-	-	-	-	-	-
Data	-	-	5.879	-	-	0.095	-	-	-	-	-	-	-	-	-	-	-	-
System Technical Support	-	-	18.078	-	-	-	-	-	3.100	-	-	0.200	-	-	-	-	-	0.200
Testing	-	-	2.353	-	-	0.310	-	-	-	-	-	-	-	-	-	-	-	-
Fielding	-	-	8.745	-	-	0.285	-	-	0.069	-	-	0.200	-	-	-	-	-	0.200
Hardware Spare Parts	-	-	4.890	-	-	-	-	-	0.100	-	-	0.050	-	-	-	-	-	0.050

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25						P-1 Line Item Number / Title: 8860M80200 / Force Provider						Item Number / Title [DODIC]: M80200 / Force Provider					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	1,369.514	-	-	12.000	-	-	34.200	-	-	9.569	-	-	-	-	-	9.569
<i>Subtotal: Flyaway Cost</i>	-	-	1,369.514	-	-	12.000	-	-	34.200	-	-	9.569	-	-	-	-	-	9.569
Gross/Weapon System Cost	45,650.467	30	1,369.514	2,400.000	5	12.000	3,800.000	9	34.200	1,913.800	5	9.569	-	-	-	1,913.800	5	9.569

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	5	9	5	-	5
	Total Obligation Authority	12.000	34.200	9.569	-	9.569
Total:	Quantity	5	9	5	-	5
Secondary Distribution	Total Obligation Authority	12.000	34.200	9.569	-	9.569

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8860M80200 / Force Provider	Item Number / Title [DODIC]: M80200 / Force Provider
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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
Hardware Force Provider Module		2024	Letterkenny Army Depot / Chambersburg, PA	SS / FFP	Natick, MA	Apr 2024	Jan 2025	5	3,259.000	Y	Jan 2021	Apr 2024
Hardware Force Provider Module		2024	Ready One Industries / El Paso, TX	SS / FFP	Natick, MA	Apr 2024	Jan 2025	4	3,259.000	Y	Jan 2021	Apr 2024
Hardware Electric Kitchen Facility ^(†)		2025	Letterkenny Army Depot / Chambersburg, PA	SS / FFP	Natick, MA	Apr 2025	Jan 2026	3	2,200.000	Y	Jan 2021	Mar 2025
Hardware MWR Kits		2025	Letterkenny Army Depot / Chambersburg, PA	SS / FFP	Natick, MA	Apr 2025	Jan 2026	2	950.000	Y	Jul 2021	Mar 2025
Hardware ESPS protection kits		2023	COMPOTECH / Brewer, ME	SS / FFP	Natick, MA	Dec 2023	Jun 2024	5	1,983.000	Y	Jan 2021	Aug 2023

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8860M80200 / Force Provider	Item Number / Title [DODIC]: M80200 / Force Provider
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Cost Elements <i>(Units in Each)</i>							Fiscal Year 2024														Fiscal Year 2025										BALANCE				
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024														Calendar Year 2025														
							O C T	N O V	D E C	J A N	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					
Hardware Electric Kitchen Facility																																			
1	2025	ARMY		3	0	3																							A -	-	-	-	-	-	3
							O C T	N O V	D E C	J A N	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8860M80200 / Force Provider	Item Number / Title [DODIC]: M80200 / Force Provider
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026												Fiscal Year 2027												BALANCE	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026												Calendar Year 2027												
							O C T	N O V	D E C	J A N	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
Hardware Electric Kitchen Facility																															
	1	2025	ARMY	3	0	3	-	-	-	1	1	1																	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 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 8860M80200 / Force Provider	Item Number / Title [DODIC]: M80200 / Force Provider
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Letterkenny Army Depot - Chambersburg, PA	2	24	72	0	5	9	14	0	5	9	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-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment

P-1 Line Item Number / Title:
9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	11,383	4,670	5,161	3,136	-	3,136	4,377	5,587	2,838	3,076	-	40,228
Gross/Weapon System Cost (<i>\$ in Millions</i>)	835.042	42.444	45.792	46.312	-	46.312	43.549	43.572	43.618	43.970	-	1,144.299
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	835.042	42.444	45.792	46.312	-	46.312	43.549	43.572	43.618	43.970	-	1,144.299
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	835.042	42.444	45.792	46.312	-	46.312	43.549	43.572	43.618	43.970	-	1,144.299

(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>)	73.359	9.089	8.873	14.768	-	14.768	9.950	7.799	15.369	14.295	-	28.445

Description:

The Advanced Tactical Parachute System (ATPS) is the Army's parachute system for personnel low-altitude static line Airborne Operations and consists of the T-11 (non-steerable) and the MC-6 (steerable) systems. The T-11 consists of an integrated harness, reserve parachute, and the T-11 main canopy for mass-tactical static line Airborne Operations. The total Army Acquisition Objective (AAO) of 43,708 has been procured and fielding was completed in FY 2015. The MC-6 consists of the same reserve and harness as the T-11 with the MC-6 main steerable canopy. The total MC-6 AAO of 25,649 has been procured and fielding was completed in FY 2014.

-Parachutes provided to the field during the initial fielding of the MC-6 and T-11 are reaching the end of their service life and replacement systems are being procured to maintain unit mission readiness. Both the T-11 and MC-6 are Class VII items centrally funded and controlled, and as such, replacement systems are procured and fielded to operational units by the Project Manager through multiple award IDIQ (indefinite delivery indefinite quantity) contracts.

- The RA-1 Parachute System replaced the legacy MC-4 Ram Air Parachute System with a multi-mission High Altitude Low Opening (HALO) and High Altitude High Opening (HAHO) standoff insertion capability as well as a high altitude static line deployed insertion capability. The RA-1 allows personnel to exit at altitudes between 3,500 ft and 35,000 ft Mean Sea Level (MSL) with a total jumper weight of 450 lbs. The total RA-1 AAO of 5,470 began in FY 2014 and was completed in FY 2022.

-The Enhanced Electronic Automatic Activation Device (EEAAD) deploys the RA-1 reserve in the event of an emergency. The EEAAD is a required safety item for operating the RA-1 parachute.

-The Military Altimeter (MA-1) provides accurate jumper altitude, improved durability and reliability and is a required safety item for high altitude insertion operations when using the RA-1 parachute.

-Joint Precision Air Drop System (JPADS) provides autonomous guidance of payloads dropped from altitudes up to 25,000 feet at increments of 2,000 (2K) and 10,000 (10K) pounds. JPADS allows precise delivery of critical supplies to the Warfighter on the ground while allowing aircraft delivering payloads to fly at significantly safer altitudes. The JPADS 2K V3 Upgrade provides daytime GPS-denied capability, and will be procured to replace the legacy JPADS 2K. Users have identified required software upgrades for ongoing efforts in theater for the JPADS V3 Upgrade in order to successfully operate in the GPS-contested CENTCOM and PACOM. M-code upgrade provides JPADS with the ability to utilize the military's upgrade GPS satellite signals. M-code signal is stronger and harder to jam, which will provide JPADS with a more resilient navigation ability when employed in GPS-denied environments. This line includes both 2K and 10K procurement. AAO for JPADS 2K systems is 1,445 and the AAO for 10K systems is 676.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army							Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment					P-1 Line Item Number / Title: 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems					
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										

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	4,119	4,074	2,612	-	2,612	3,841	4,278	2,227	2,424
	Total Obligation Authority	38.487	36.588	41.116	-	41.116	37.715	33.488	34.047	34.394
ANG	Quantity	451	785	417	-	417	476	1,163	455	490
	Total Obligation Authority	3.237	6.656	4.218	-	4.218	5.172	8.995	7.208	7.212
AR	Quantity	100	302	107	-	107	60	146	156	162
	Total Obligation Authority	0.720	2.548	0.978	-	0.978	0.662	1.089	2.363	2.364
Total:	Quantity	4,670	5,161	3,136	-	3,136	4,377	5,587	2,838	3,076
Secondary Distribution	Total Obligation Authority	42.444	45.792	46.312	-	46.312	43.549	43.572	43.618	43.970

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25:
 Combat Service Support Equipment **P-1 Line Item Number / Title:**
 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	MA7801 / Advanced Tactical Parachute System				11,327 / 657.922	4,670 / 42.444	4,588 / 39.279	2,556 / 35.216	- / -	2,556 / 35.216
P-5	MA7806 / Precision Airdrop	P-5a, P-21			56 / 177.120	0 / -	573 / 6.513	580 / 11.096	- / -	580 / 11.096
P-40	Total Gross/Weapon System Cost				11,383 / 835.042	4,670 / 42.444	5,161 / 45.792	3,136 / 46.312	- / -	3,136 / 46.312

*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:
 MA7801: FY25 Base Procurement dollars in the amount of \$35.216 million supports the procurement quantities of Advanced Tactical Parachute System (2556).
 MA7806: FY25 Base Procurement dollars in the amount of \$9.493 million supports the procurement of 500 V3 JPADS systems and M-Code integration efforts.
 MA7806: FY25 Base - Overseas Operations Cost (OOC) dollars in the amount of \$1.603 million supports the procurement of 80 V3 JPADS system RESETs for CENTCOM.

Overseas Operations Costs (OOC) funds this requirement in the amount of \$1.603 million for FY 2025 Budget Estimate. Overseas Operations Costs (OOC) are those financed with former Overseas Contingency Operations (OCO) funding.

In accordance with Section 1815 of the FY2008 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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25		P-1 Line Item Number / Title: 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems
		Item Number / Title [DODIC]: MA7801 / Advanced Tactical Parachute System

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)			11,327	4,670	4,588	2,556	-	2,556
Gross/Weapon System Cost (<i>\$ in Millions</i>)			657.922	42.444	39.279	35.216	-	35.216
Less PY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)			657.922	42.444	39.279	35.216	-	35.216
Plus CY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)			657.922	42.444	39.279	35.216	-	35.216
<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>)			58.084	9.089	8.561	13.778	-	13.778

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Program Support (PM, Engineering, Logistics)	13,648.000	2	27.296	2,500.000	1	2.500	2,500.000	1	2.500	2,506.000	1	2.506	-	-	-	2,506.000	1	2.506
New Equipment Training	48,919.000	2	97.838	2,090.000	1	2.090	2,001.000	1	2.001	2,568.000	1	2.568	-	-	-	2,568.000	1	2.568
T-11	4.715	60,566	285.587	7.198	2,430	17.491	6.707	2,927	19.632	8.165	1,501	12.255	-	-	-	8.165	1,501	12.255
T-11R Pack Tray	0.546	31,760	17.341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC-6	5.089	34,035	173.189	7.172	2,239	16.058	6.833	1,763	12.046	7.912	1,501	11.876	-	-	-	7.912	1,501	11.876
RA-1 (ARAPS)	11.428	4,519	51.642	-	-	-	-	-	-	22.551	98	2.210	-	-	-	22.551	98	2.210
RA-1 SPARE PARTS	47.886	105	5.028	888.000	1	0.888	-	-	-	-	-	-	-	-	-	-	-	-
EEAAD	-	-	-	3.193	1,070	3.416	3.291	942	3.100	3.388	915	3.100	-	-	-	3.388	915	3.100
MA-1	-	-	-	-	-	-	-	-	-	1.522	460	0.700	-	-	-	1.522	460	0.700
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>657.921</i>	<i>-</i>	<i>-</i>	<i>42.443</i>	<i>-</i>	<i>-</i>	<i>39.279</i>	<i>-</i>	<i>-</i>	<i>35.215</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>35.215</i>
<i>Subtotal: Flyaway Cost</i>	<i>-</i>	<i>-</i>	<i>657.921</i>	<i>-</i>	<i>-</i>	<i>42.443</i>	<i>-</i>	<i>-</i>	<i>39.279</i>	<i>-</i>	<i>-</i>	<i>35.215</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>35.215</i>
Gross/Weapon System Cost	58.084	11,327	657.922	9.089	4,670	42.444	8.561	4,588	39.279	13.778	2,556	35.216	-	-	-	13.778	2,556	35.216

Remarks:

Increase in Unit Cost for T-11 & MC-6: Contractors for both T-11 and MC-6 IDIQs requested and were awarded an Economic Price Adjustment due to inflation. EPA pricing is accounted for in the adjusted step-ladder pricing of each IDIQ contract for the life of each contract.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems	Item Number / Title [DODIC]: MA7801 / Advanced Tactical Parachute System
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Both the T-11 system unit cost and MC-6 system unit cost are determined as an average of two IDIQ contracts awarded in FY 2019 and FY 2020, respectively.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	4,119	3,577	2,139	-	2,139
	Total Obligation Authority	38.487	30.675	32.039	-	32.039
ANG	Quantity	451	724	324	-	324
	Total Obligation Authority	3.237	6.174	2.461	-	2.461
AR	Quantity	100	287	93	-	93
	Total Obligation Authority	0.720	2.430	0.716	-	0.716
Total: Secondary Distribution	Quantity	4,670	4,588	2,556	-	2,556
	Total Obligation Authority	42.444	39.279	35.216	-	35.216

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25		P-1 Line Item Number / Title: 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems
		Item Number / Title [DODIC]: MA7806 / Precision Airdrop

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				56	0	573	580	-	580
Gross/Weapon System Cost (\$ in Millions)				177.120	-	6.513	11.096	-	11.096
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				177.120	-	6.513	11.096	-	11.096
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				177.120	-	6.513	11.096	-	11.096
<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)				3,162.857	-	11.366	19.131	-	19.131

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Hardware M-Code Receivers ^(†)	-	-	-	-	-	-	4.000	537	2.148	2.213	80	0.177	-	-	-	2.213	80	0.177
Hardware M-Code Interface Interface Kits ^(†)	-	-	-	-	-	-	2.000	537	1.074	3.500	80	0.280	-	-	-	3.500	80	0.280
Hardware JPADS 2K ^(†)	209.123	382	79.885	-	-	-	30.000	36	1.080	13.214	580	7.664	-	-	-	13.214	580	7.664
Hardware Spares JPADS 2K	-	-	0.096	-	-	-	100.000	1	0.100	-	-	-	-	-	-	-	-	-
Sys Test & Evaluate, Production JPADS 2K	-	-	0.056	-	-	-	-	-	0.200	-	-	-	-	-	-	-	-	-
Sys Engineer/Program Mgt JPADS 2K	-	-	1.811	-	-	-	-	-	1.026	-	-	-	-	-	-	-	-	-
Fielding/Training JPADS 2K	-	-	1.393	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
Engineering Changes - JPADS Software Updates	-	-	1.538	-	-	-	-	-	0.700	-	-	0.785	-	-	-	-	-	0.785
Data JPADS 2K	-	-	0.059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes JPADS 2K	-	-	0.818	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems	Item Number / Title [DODIC]: MA7806 / Precision Airdrop

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
CLS/Shipping JPADS 2K	-	-	0.046	-	-	-	-	-	0.135	-	-	-	-	-	-	-	-	-
Hardware JPADS 10K	420.319	141	59.265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Test & Evaluation, Production	-	-	4.686	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	6.024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding/Training	-	-	5.385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Engineering/ Program Management	-	-	9.449	-	-	-	-	-	-	-	-	2.190	-	-	-	-	-	2.190
Data	-	-	4.434	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spares	-	-	1.376	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLS/Shipping	-	-	0.799	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	177.120	-	-	-	-	-	6.513	-	-	11.096	-	-	-	-	-	11.096
<i>Subtotal: Flyaway Cost</i>	-	-	177.120	-	-	-	-	-	6.513	-	-	11.096	-	-	-	-	-	11.096
Gross/Weapon System Cost	3,162.857	56	177.120	-	0	-	11.366	573	6.513	19.131	580	11.096	-	-	-	19.131	580	11.096

Remarks:

FY25 quantities include 580 JPADS 2K V3's, 80 of which are battle loss replacements in theater. Given the 80 battle losses will be fielded directly to a combat theater, it is critical that they include the M-code capability. The 537 quantities from FY24 will also provide the M-code capability to the highest priority units operating in CENTCOM and INDOPACOM.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	497	473	-	473
	Total Obligation Authority	-	5.913	9.077	-	9.077
ANG	Quantity	-	61	93	-	93
	Total Obligation Authority	-	0.482	1.757	-	1.757
AR	Quantity	-	15	14	-	14
	Total Obligation Authority	-	0.118	0.262	-	0.262
Total: Secondary Distribution	Quantity	0	573	580	-	580
	Total Obligation Authority	-	6.513	11.096	-	11.096

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25			P-1 Line Item Number / Title: 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems				Item Number / Title [DODIC]: MA7806 / Precision Airdrop				

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
Hardware M-Code Receivers		2024	TBD / TBD	C / IDIQ	PM PNT / Aberdeen, MD	Feb 2024	Jun 2024	537	4.000	Y		
Hardware M-Code Interface Interface Kits		2024	TBD / TBD	C / IDIQ	PM FSS / Natick, MA	Feb 2024	Jun 2024	537	2.000	Y		
Hardware JPADS 2K		2024	Wamore, Inc. / DLA, Philadelphia, PA	C / IDIQ	PM FSS, Natick, MA	Jan 2024	May 2024	36	30.000	Y		
Hardware JPADS 2K ^(†)		2025	Wamore, Inc. / DLA, Philadelphia, PA	C / IDIQ	PM FSS, Natick	Jan 2025	May 2025	580	13.214	Y		

^(†) indicates the presence of a P-21

Remarks:
JPADS 2K contract is an IDIQ with multiple vendors with each delivery order completed amongst the qualified vendors.

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems	Item Number / Title [DODIC]: MA7806 / Precision Airdrop
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Cost Elements <i>(Units in Each)</i>					Fiscal Year 2024													Fiscal Year 2025												B A L A N C E		
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024													Calendar Year 2025												
							O C T	N O V	D E C	J A N	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	

Hardware JPADS 2K

Prior Years Deliveries: 382

1	2025	ARMY	580	0	580														A	-	-	-	48	48	48	48	48	340
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O C T	N O V	D E C	J A N	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 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25										P-1 Line Item Number / Title: 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems										Item Number / Title [DODIC]: MA7806 / Precision Airdrop									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026												Fiscal Year 2027												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026												Calendar Year 2027												
							O C T	N O V	D E C	J A N	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

Hardware JPADS 2K

Prior Years Deliveries: 382

1	2025	ARMY		580	240	340	48	48	48	49	49	49	49													0
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							O C T	N O V	D E C	J A N	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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25		P-1 Line Item Number / Title: 9140MA7804 / Cargo Aerial Del & Personnel Parachute Systems
		Item Number / Title [DODIC]: MA7806 / Precision Airdrop

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Wamore, Inc. - DLA, Philadelphia, PA	5	40	100	0	3	3	6	0	3	3	6

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment	P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	596	0	580	313	-	313	-	-	2	2	-	1,493
Gross/Weapon System Cost (<i>\$ in Millions</i>)	136.621	-	12.118	9.217	-	9.217	-	-	1.771	1.788	-	161.515
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	136.621	-	12.118	9.217	-	9.217	-	-	1.771	1.788	-	161.515
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	136.621	-	12.118	9.217	-	9.217	-	-	1.771	1.788	-	161.515

(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>)	229.230	-	20.893	29.447	-	29.447	-	-	885.500	894.000	-	108.182

Description:

The Family of Engineering Combat and Construction Sets (ECACS) is a family of systems that will support combat operations by construction engineer teams in urban, rural, and subterranean and dense environments. ECACS sets utilized in the range of urban environments will aid in detection, protection, surveillance, monitoring, evacuation and clearing. ECACS sets utilized in the range rural environments will allow clearing and troop mobility support areas to include airfields, ports, facilities, and roads. All of the ECACS sets support the Grow the Army initiative, which includes MRBC activations, Combat Engineer Company - Armored (CEC-A) unit conversions, and Combat Engineer Company - Infantry (CEC-I) unit conversions.

The Hydraulic, Electric, Pneumatic, Petroleum Operated Equipment (HEPPOE) replaces two legacy systems; the Hydraulic Electric Tool Outfit (HETO) and the Pneumatic Tool & Compressor Outfit (PTCO). Currently there is a large capability gap in the field that severely needs this materiel solution for a rapidly available, portable and modernized tool kit for the Engineer community, specifically GAP #11, BCT Lethality and Mobility of the critical large scale ground combat operations gaps and Gap #8, wet gap crossing. It supports missions by clearing buildings for repair and construction, clearing areas around road construction, port openings, transition and reconstruction operations. Supports critical Infrastructure repair and rescue during natural disasters and civil emergencies. Enables civil authority the security and stability in all areas of Theater Construction Operations. Army Acquisition Objective (AAO) for Hydraulic Electric Pneumatic Petroleum Operated Equipment (HEPPOE) is 990.

The Engineer Equipment Set: Urban Operations, Platoon Set (UOpPS) consists of high technology equipment that provides Soldiers with enhanced capabilities to perform missions in urbanized or complex terrain. The Engineer Equipment Set: Urban Operations, Platoon Set (UOpPS) uniquely fills capability gaps that exist at the platoon level for conducting operations in the range of urban environments, specifically GAP #11, BCT Lethality and Mobility of the critical large scale ground combat operations gaps and Gap #8, wet gap crossing. It provides engineers and Soldiers with specialized tools enabling them to conduct operations in urban environments in a safe, more expedient manner. The components include remote viewing instruments, detectors for explosives and gases, portable welders, metal cutting torches, rescue tools, winch, and battery-operated drills and saws. The set standardizes tools, reducing logistical support and provides a Type Classified (TC)-standard Army system. Army Acquisition Objective (AAO) for Urban Operations, Platoon Set (UOpPS) is 1177.

The Engineer Equipment Set: Urban Operations, Squad Set (UOpSS) consists of equipment that provides Soldiers with enhanced capabilities to perform missions in urbanized or complex terrain. The Engineer Equipment Set: Urban Operations, Squad Set (UOpSS) uniquely fills capability gaps that exist at the squad level for conducting operations in the range of urban environments, specifically GAP #11, BCT Lethality and Mobility of the critical large scale ground combat operations gaps and Gap #8, wet gap crossing. Components include portable blast shield, collapsible lightweight assault ladders, mechanical entry tools, and rappelling gear. This set supports dismounted engineer Soldiers and others in conducting Military Operations in Urban Terrain (MOUT). The set standardizes tools, reducing logistical support and provides a Type Classified (TC)-standard Army system. Army Acquisition Objective (AAO) for Urban Operations, Squad Set (UOpSS) is 1841.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment		P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction 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		
<p>Vertical Skills Engineer Construction Kits (VSECK) has six types which each provide tools and power equipment to meet maintenance and construction mission requirements.</p> <p>VSECK Type I Carpenters Tool Kit Squad (CTKS) is a new configuration containing industrial quality hand tools, safety equipment, deployment bags and tool belts for up to eight Construction Engineers secured in a waterproof rapid inventory case. Currently, there is a large capability gap in the field that severely needs this materiel solution for a rapidly available, portable and modernized tool kit for the Engineer community, specifically GAP #11, BCT Lethality and Mobility of the critical large scale ground combat operations gaps and Gap #8, wet gap crossing. Hand tools include hammers, utility knives, chisels, punches, hacksaws, hand saws, pliers, screwdrivers, squares and tape measures. VSECK Type I replaces one legacy system through modernization, consolidation and optimization. The legacy system this replaces does not meet current mission requirements and does not have any warranty associated with the current components. Army Acquisition Objective for Type I is 1159.</p> <p>VSECK Type II Carpenters Supplemental Tool Kit (CSTK) is a new configuration containing battery powered & carpentry hand tools to increase productivity at remote sites supporting a platoon size element. Currently, there is a large capability gap in the field that severely needs this materiel solution for a rapidly available, portable and modernized tool kit for the Engineer community, specifically GAP #11, BCT Lethality and Mobility of the critical large scale ground combat operations gaps and Gap #8, wet gap crossing. Cordless power tools include: hammer drills, right angle drills, circular saws, jig saws and reciprocating saws. The cordless tools are a minimum of 18v and standardized to use the same power source with a power management system capable of recharging multiple power sources simultaneously. VSECK Type II replaces one legacy system through modernization, consolidation and optimization. The legacy system this replaces does not meet current mission requirements and does not have any warranty associated with the current components. Army Acquisition Objective for Type II is 652.</p> <p>VSECK Type III Carpenters Tool Kit (CTK) is a new configuration containing commercial pneumatic, electric & hand carpentry tools that enable Soldiers to perform common carpentry tasks including construction of fighting positions, shelters, base camps, POW camps, temporary structures, bridges, ports & repair of existing structures. Currently there is a large capability gap in the field that severely needs this materiel solution for a rapidly available, portable and modernized tool kit for the Engineer community, specifically Gap #11, BCT Lethality and Mobility of the critical large scale ground combat operations gaps. Tool load includes pneumatic nailer, blow gun, router, jig saw, 10" table saw, 10" circular saw, 14" cut off saw, 12" miter saw, nibbler, electric shears and tile cutter. VSECK Type III replaces one legacy system through modernization, consolidation and optimization. The legacy system this replaces does not meet current mission requirements and does not have any warranty associated with the current components. Army Acquisition Objective for Type III is 298.</p> <p>VSECK Type IV Electricians Tool Kit (ETK) enables 3 electricians to perform construction & maintenance tasks related to distribution & transmission of electrical power: interior & exterior lighting, installation & repair of lighting & wiring aboard ships. Kit contains conduit benders, auger bits, pliers, knives, wood chisels, crimpers, tube & PVC cutters, key sets, levels multimeter, strippers, wrenches, ladders, electric saws & drills and flood lights. Currently there is a large capability gap in the field that severely needs this materiel solution for a rapidly available, portable and modernized tool kit for the Engineer community, specifically Gap #11, BCT Lethality and Mobility of the critical large scale ground combat operations gaps. VSECK IV replaces one legacy system through modernization, consolidation and optimization. The legacy system this replaces does not meet current mission requirements and does not have any warranty associated with the current components. Army Acquisition Objective for Type IV is 479.</p> <p>VSECK Type V Mason and Concrete Tool Kit (MCTK) includes brick hammers, levels, chalk line, rulers, plumb bobs, trowels, floats, bull floats, specialized floats, screeds, edger, groover, brooms, hoses & nozzles, mortar mixer, scaffolding, sealant sprayer, pliers, vibrator, cut-off saws, grinder, rebar cutters & benders, hacksaws, knee boards, mortar boards & stands, buckets, brushes, laser level, come-a-long, tarps, hoes, rakes & shovels. Currently there is a large capability gap in the field that severely needs this materiel solution for a rapidly available, portable and modernized tool kit for the Engineer community, specifically Gap #11, BCT Lethality and Mobility of the critical large scale ground combat operations gaps. VSECK Type V replaces one legacy system through modernization, consolidation and optimization. The legacy system this replaces does not meet current mission requirements and does not have any warranty associated with the current components. Army Acquisition Objective for Type V is 592.</p> <p>VSECK Type VI Plumbers and Pipefitters Tool Kit (PPTK) is specialized equipment required by a team of plumbers and pipefitters stock to perform construction and maintenance tasks working with metal, brass, aluminum, PVC or PEX. Currently there is a large capability gap in the field that severely needs this materiel solution for a rapidly available, portable and modernized tool kit for the Engineer community, specifically Gap #11, BCT Lethality and Mobility of the critical large scale ground combat operations gaps. Contains hand tools enabling performance of individual & collective tasks related to heating & air conditioning, water distribution, wastewater removal & solid waste removal. The tool load includes: hammers, hack saws, chisels, wrenches, pliers, putty knives, screwdrivers, saws, level plumb bob, toolbox, ladder, powered saws & drills, pry & line up bars, tubing & pipe cutters, floodlight, key set, & plunger. VSECK VI replaces three legacy systems through modernization, consolidation and optimization. The legacy systems this replaces do not meet current mission requirements and do not have any warranty associated with the current components. Army Acquisition Objective for Type VI is 308.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment		P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction 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
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Line Item MDAP/MAIS Code: N/A

Power Utility Kits supports the Family of Power Utility Kits (FoPUK) and the Family of Utility Support Equipment (FUSE).

Family of Power Utility Kits (FoPUK) provides the necessary equipment required to perform maintenance, repair and testing of high voltage power transmission lines and medium voltage power generation, to include related distribution equipment. The FoPUK supports Gap#7 Air & Missile Defense and the indispensable nature of electrical power supports administrative, health services and logistical support operations; would all be in jeopardy without the FoPUK. The FoPUK provides a modernized materiel solution to a lineman's tool kit, personal protective equipment (PPE), a rapidly deployable maintenance shelter for medium power generation and distribution systems, and PPE test equipment. Procuring the systems within the Family of Power Utility Kits enable Prime Power Soldiers to safely and effectively construct, operate and maintain medium voltage electrical generation and distribution systems.

FoPUK Estimated Army Acquisition Objective (AAO): Modernized - Lineman's Tool Kit(M-LTK) 138; Electrical Personal Protective Equipment(E-PPE) 388; Service Kit Power Plant (SKPP) 29; Electrical Personal Protective Equipment Test Equipment (E-PPE-TE) 1.

The FUSE consists of four systems that collectively support the prime power operations. These four systems will be used to support US Army operations as part of their wartime mission and in defense support to civil activities. The FUSE will provide Army Prime Power units with the ability to install / remove overhead and underground power distribution lines. The FUSE will provide Soldiers with industry standard equipment while reducing redundancies and improving Soldier mobility, productivity, and safety while performing contingency power operations. Aerial Truck and Cable Tensioning Trailer AAO: 25 each. Digger Truck and Combo Pole Reel Trailer AAO: 15 each

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	257	81	-	81	-	-	-	-
	Total Obligation Authority	-	5.775	3.160	-	3.160	-	-	-	-
ANG	Quantity	-	170	150	-	150	-	-	2	2
	Total Obligation Authority	-	3.949	3.918	-	3.918	-	-	1.771	1.788
AR	Quantity	-	153	82	-	82	-	-	-	-
	Total Obligation Authority	-	2.394	2.139	-	2.139	-	-	-	-
Total: Secondary Distribution	Quantity	-	580	313	-	313	-	-	2	2
	Total Obligation Authority	-	12.118	9.217	-	9.217	-	-	1.771	1.788

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment **P-1 Line Item Number / Title:** 9462R70001 / Family Of Engr Combat and Construction 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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	R70110 / HEPPOE	P-5a	A		- / 116.693	- / -	7 / 2.393	- / -	- / -	- / -
P-5	R70196 / Vertical Skills Engr Const Kit: Type II	P-5a	A		149 / 4.295	0 / -	352 / 8.174	312 / 8.198	- / -	312 / 8.198
P-5	R70198 / Vertical Skills Engr Const Kit: Type I	P-5a	A		439 / 5.812	0 / -	27 / 0.445	- / -	- / -	- / -
P-5	R70211 / POWER UTILITY KITS	P-5a			8 / 9.821	0 / -	194 / 1.106	1 / 1.019	- / -	1 / 1.019
P-40	Total Gross/Weapon System Cost				596 / 136.621	0 / -	580 / 12.118	313 / 9.217	- / -	313 / 9.217

*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:
R70110/ HEPPOE has no FY 2025 funding request.

R70196/ Vertical Skill Engr Const Kit: Type II: FY 2025 Base procurement funding in the amount of \$8.198 million procures 312 Type II VSECK assets. VSECK Type II increases productivity, expand capabilities, reduce risk and will contribute to rapid mobility of Construction Engineers. Providing this capability to the Soldier will increase the Soldier's ability to complete the required missions, provide support to civil authorities and deter/defeat hybrid threats in support of the Army process. Request also funds program support, transportation, and fielding costs to support Base requirements.

R70198/ Vertical Skill Engr Const Kit: Type I has no FY 2025 funding request.

R70211/ Power Utility Kits: FY 2025 Base procurement funding in the amount of \$1.019 million procures one Service Kit Power Plant(SKPP) to support the Family of Power Utility Kits. The procurement of this item will provide capability improvement over legacy systems by modernizing, standardizing, consolidating. Modernization of obsolete equipment ensures Soldier safety, reduce tool maintenance by providing industry standard equipment, logistics' footprint and reduce redundancies. It will also improve Soldier mobility to safely perform contingency power operations and provide containerization for deployment or storage/security of items in kit.

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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets	Item Number / Title [DODIC]: R70110 / HEPPOE
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ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	-	-	7	-	-	-
Gross/Weapon System Cost (\$ in Millions)	116.693	-	2.393	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	116.693	-	2.393	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	116.693	-	2.393	-	-	-

(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)	-	-	341.857	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Program Management	-	-	6.016	-	-	-	-	-	0.382	-	-	-	-	-	-	-	-	-
Quality Assurance	-	-	3.984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering	-	-	8.843	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Fielding Support	-	-	4.861	-	-	-	-	-	0.127	-	-	-	-	-	-	-	-	-
Logistics	-	-	-	-	-	-	-	-	0.071	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	23.704	-	-	-	-	-	0.580	-	-	-	-	-	-	-	-	-
Non Recurring Cost																		
Hydrologic Survey Vessels	-	-	2.968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	2.968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost	-	-	26.672	-	-	-	-	-	0.580	-	-	-	-	-	-	-	-	-
Hardware Cost																		
Recurring Cost																		
HEPPOE ^(†)	121.650	740	90.021	-	-	-	259.000	7	1.813	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	90.021	-	-	-	-	-	1.813	-	-	-	-	-	-	-	-	-
Subtotal: Hardware Cost	-	-	90.021	-	-	-	-	-	1.813	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	116.693	-	-	-	341.857	7	2.393	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets	Item Number / Title [DODIC]: R70110 / HEPPOE
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

Remarks:
Prior year P40 Resource Summary and Secondary Distribution reflect erroneous quantities and unit costs. Quantities should reflect 740.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	7	-	-	-
	Total Obligation Authority	-	2.393	-	-	-
Total: Secondary Distribution	Quantity	-	7	-	-	-
	Total Obligation Authority	-	2.393	-	-	-

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets	Item Number / Title [DODIC]: R70110 / HEPPOE
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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
HEPPOE		2024	kipper 2 / Gainsville, GA	SS / FFP	TACOM, Warren, MI	Jan 2024	Mar 2024	7	259.067	Y		Jun 2019

Remarks:
R70001/ R70110 HEPPOE has no FY 2025 funding request.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets	Item Number / Title [DODIC]: R70196 / Vertical Skills Engr Const Kit: Type II

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			149	0	352	312	-	312
Gross/Weapon System Cost (\$ in Millions)			4.295	-	8.174	8.198	-	8.198
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			4.295	-	8.174	8.198	-	8.198
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			4.295	-	8.174	8.198	-	8.198
<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)			28.826	-	23.222	26.276	-	26.276

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Program Management	-	-	0.100	-	-	-	-	-	0.217	-	-	0.305	-	-	-	-	-	0.305
Quality Assurance	-	-	0.026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering	-	-	0.024	-	-	-	-	-	0.059	-	-	-	-	-	-	-	-	-
TPF	-	-	0.030	-	-	-	-	-	0.262	-	-	0.262	-	-	-	-	-	0.262
Transportation	-	-	0.071	-	-	-	-	-	0.224	-	-	0.150	-	-	-	-	-	0.150
Logistics	-	-	-	-	-	-	-	-	0.104	-	-	0.151	-	-	-	-	-	0.151
<i>Subtotal: Recurring Cost</i>	-	-	0.251	-	-	-	-	-	0.866	-	-	0.868	-	-	-	-	-	0.868
<i>Subtotal: Flyaway Cost</i>	-	-	0.251	-	-	-	-	-	0.866	-	-	0.868	-	-	-	-	-	0.868
Hardware Cost																		
Recurring Cost																		
VSECK TYPE II ^(†)	16.372	247	4.044	-	-	-	20.761	352	7.308	23.494	312	7.330	-	-	-	23.494	312	7.330
<i>Subtotal: Recurring Cost</i>	-	-	4.044	-	-	-	-	-	7.308	-	-	7.330	-	-	-	-	-	7.330
<i>Subtotal: Hardware Cost</i>	-	-	4.044	-	-	-	-	-	7.308	-	-	7.330	-	-	-	-	-	7.330
Gross/Weapon System Cost	28.826	149	4.295	-	0	-	23.222	352	8.174	26.276	312	8.198	-	-	-	26.276	312	8.198

Remarks:

Prior year P40 Resource Summary and Secondary Distribution reflect erroneous quantities. Quantities should reflect 247.

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets	Item Number / Title [DODIC]: R70196 / Vertical Skills Engr Const Kit: Type II
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	81	80	-	80
	Total Obligation Authority	-	2.119	2.141	-	2.141
ANG	Quantity	-	170	150	-	150
	Total Obligation Authority	-	3.949	3.918	-	3.918
AR	Quantity	-	101	82	-	82
	Total Obligation Authority	-	2.106	2.139	-	2.139
Total: Secondary Distribution	Quantity	0	352	312	-	312
	Total Obligation Authority	-	8.174	8.198	-	8.198

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25			P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets				Item Number / Title [DODIC]: R70196 / Vertical Skills Engr Const Kit: Type II				

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
VSECK TYPE II		2024	I. B. Milwaukee / West Allis, WI 53214	SS / FFP	TACOM, Warren, MI	Apr 2024	Jul 2024	352	20.761	Y		Jul 2016
VSECK TYPE II		2025	I. B. Milwaukee / West Allis, WI 53214	SS / FFP	TACOM, Warren, MI	Apr 2025	Jul 2025	312	23.494	Y		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets	Item Number / Title [DODIC]: R70198 / Vertical Skills Engr Const Kit: Type I

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	439	0	27	-	-	-
Gross/Weapon System Cost (\$ in Millions)	5.812	-	0.445	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	5.812	-	0.445	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	5.812	-	0.445	-	-	-

(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)	13.239	-	16.481	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
VSECK Type I ^(†)	9.884	588	5.812	-	-	-	16.481	27	0.445	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	5.812	-	-	-	-	-	0.445	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	5.812	-	-	-	-	-	0.445	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	13.239	439	5.812	-	0	-	16.481	27	0.445	-	-	-	-	-	-	-	-	-

Remarks:

R70001/ R0198 Vertical Skills Engr Const Kit: Type I has no FY 2025 funding request.

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	-	27	-	-	-
	-	0.445	-	-	-
Total:	0	27	-	-	-
Secondary Distribution	-	0.445	-	-	-

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25			P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets					Item Number / Title [DODIC]: R70198 / Vertical Skills Engr Const Kit: Type I				
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
VSECK Type I		2024	I. B. Milwaukee / West Allis, WI 53214	SS / FFP	TACOM, Warren, MI	Apr 2024	Jul 2024	27	16.481	Y		Jul 2016

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Exhibit P-5, Cost Analysis: PB 2025 Army					Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25			P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets			Item Number / Title [DODIC]: R70211 / POWER UTILITY KITS		
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			8	0	194	1	-	1
Gross/Weapon System Cost (\$ in Millions)			9.821	-	1.106	1.019	-	1.019
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			9.821	-	1.106	1.019	-	1.019
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			9.821	-	1.106	1.019	-	1.019
<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)			1,227.625	-	5.701	1,019.000	-	1,019.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Program Support	-	-	0.862	-	-	-	-	-	0.010	-	-	0.067	-	-	-	-	-	0.067
Engineering Support	-	-	0.056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Packing Fielding Support	-	-	0.348	-	-	-	-	-	0.015	-	-	0.052	-	-	-	-	-	0.052
Logistician Support	-	-	0.103	-	-	-	-	-	0.010	-	-	-	-	-	-	-	-	-
First Destination Travel	-	-	0.030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>1.399</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.035</i>	<i>-</i>	<i>-</i>	<i>0.119</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.119</i>
<i>Subtotal: Flyaway Cost</i>	<i>-</i>	<i>-</i>	<i>1.399</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.035</i>	<i>-</i>	<i>-</i>	<i>0.119</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.119</i>
Hardware Cost																		
Recurring Cost																		
Hardware ^(†)	851.625	8	6.813	-	-	-	5.521	194	1.071	900.000	1	0.900	-	-	-	900.000	1	0.900
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>6.813</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>1.071</i>	<i>-</i>	<i>-</i>	<i>0.900</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.900</i>
Non Recurring Cost																		
Hardware - SKPP	804.500	2	1.609	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>1.609</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Subtotal: Hardware Cost</i>	<i>-</i>	<i>-</i>	<i>8.422</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>1.071</i>	<i>-</i>	<i>-</i>	<i>0.900</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.900</i>
Gross/Weapon System Cost	1,227.625	8	9.821	-	0	-	5.701	194	1.106	1,019.000	1	1.019	-	-	-	1,019.000	1	1.019

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets	Item Number / Title [DODIC]: R70211 / POWER UTILITY KITS
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Remarks:
This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	142	1	-	1
	Total Obligation Authority	-	0.818	1.019	-	1.019
AR	Quantity	-	52	-	-	-
	Total Obligation Authority	-	0.288	-	-	-
Total:	Quantity	0	194	1	-	1
Secondary Distribution	Total Obligation Authority	-	1.106	1.019	-	1.019

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 25	P-1 Line Item Number / Title: 9462R70001 / Family Of Engr Combat and Construction Sets	Item Number / Title [DODIC]: R70211 / POWER UTILITY KITS
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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
Hardware		2024	TYAD / TYAD	C / TBD	TACOM, Warren, MI	Feb 2024	Jun 2024	194	5.521	N		
Hardware		2025	TYAD / TYAD	MIPR	Rock Island, IL	Feb 2025	Jun 2025	1	900.000	Y		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment	P-1 Line Item Number / Title: 9530ML5301 / Items Less Than \$5M (Eng Spt)
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	9	-	-	-	-	-	-	-	-	-	-	9
Gross/Weapon System Cost (<i>\$ in Millions</i>)	234.793	4.155	-	-	-	-	-	-	-	-	-	238.948
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	234.793	4.155	-	-	-	-	-	-	-	-	-	238.948
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	234.793	4.155	-	-	-	-	-	-	-	-	-	238.948

(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>)	26,088.111	-	-	-	-	-	-	-	-	-	-	26,549.778

Description:

The Items Less Than \$5M for Engineering Support program provides Pier Over Decking System-RAIL (PODS-RAIL), otherwise referred to as mobile loading ramps. The procurement will include basic ramps and loading docks that provide portable loading ramp capabilities for loading/unloading of military and commercial line haul conveyances. Mobile loading ramps provide the capability to expand present dock capacity in strategic locations by creating loading facilities where no dock exists, without new construction. The purpose is for utilization at key movement nodes (Sea Ports, Rail Heads, Intermediate Staging Base (ISB) locations, or enroute emergency download locations) directly enabling Speed of Assembly and Freedom of Movement of forces.

Prior years provided Family of Power Utility Kits (FoPUK) to provide the necessary equipment required to perform maintenance, repair and testing of high voltage power transmission lines and medium voltage power generation, to include related distribution equipment. The FoPUK supports Gap#7 Air & Missile Defense and the indispensable nature of electrical power supports administrative, health services and logistical support operations; would all be in jeopardy without the FoPUK. The FoPUK provides a modernized materiel solution to a lineman's tool kit, personal protective equipment (PPE), a rapidly deployable maintenance shelter for medium power generation and distribution systems, and PPE test equipment. Procuring the systems with in the Family of Power Utility Kits enable Prime Power Soldiers to safely and effectively construct, operate and maintain medium voltage electrical generation and distribution systems. FoPUK Estimated Army Procurement Objective (APO): Modernized - Lineman's Tool Kit(M-LTK) 78; Electrical Personal Protective Equipment (E-PPE) 253; Service Kit Power Plant (SKPP) 22; Electrical Personal Protective Equipment Test Equipment (E-PPE-TE) 1.

A resourced SSN (R70211000) under R70001 Family of Engineering Combat and Construction Sets (ECACS) was created in FY22 to capture the Family of Power Utility Kits (FoPUK) separately.

The FUSE consists of four systems that collectively support the prime power operations. These four systems will be used to support US Army operations as part of their wartime mission and in defense support to civil activities. The FUSE will provide Army Prime Power units with the ability to install / remove overhead and underground power distribution lines. The FUSE will provide Soldiers with industry standard equipment while reducing redundancies and improving Soldier mobility, productivity, and safety while performing contingency power operations. Aerial Truck and Cable Tensioning Trailer AAO: 25 each. Digger Truck and Combo Pole Reel Trailer AAO: 15 each

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	4.155	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 25: Combat Service Support Equipment	P-1 Line Item Number / Title: 9530ML5301 / Items Less Than \$5M (Eng Spt)
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	4.155	-	-	-	-	-	-	-	-

Justification:
 ML5301 Items Less than \$5M (Eng Spt) has no FY 2025 funding request.

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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 30: Petroleum Equipment	P-1 Line Item Number / Title: 0725MB6400 / QUALITY SURVEILLANCE EQUIPMENT
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	13	37	37	-	37	109	107	105	103	-	511
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	1.045	2.507	2.879	-	2.879	7.487	7.493	7.500	7.575	-	36.486
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	1.045	2.507	2.879	-	2.879	7.487	7.493	7.500	7.575	-	36.486
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	1.045	2.507	2.879	-	2.879	7.487	7.493	7.500	7.575	-	36.486

(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>)	-	80.385	67.757	77.811	-	77.811	68.688	70.028	71.429	73.544	-	71.401

Description:

Quality Surveillance Equipment is a family of petroleum and water laboratories used to evaluate the quality of military fuels and palatable water for our soldiers.

PEAK R67550 - Current Procurement:

Petroleum Expeditionary Analysis Kit (PEAK) is a self-contained fuel kit that evaluates the quality of kerosene-based and diesel fuels used in aircraft and ground systems. It is a stand-alone system that will rapidly verify petroleum products suitability for use, prior to issue at point of consumption. The PEAK provides go/no-go fuel quality status in minutes and will enable fuel-handlers to test key fuel characteristics before refueling military equipment. The system verifies the fuel type, fuel grades, and measures levels of the required additives, as well as possible contaminants. The PEAK prevents equipment failure through fuel quality surveillance. It increases the efficiency of fuel management, reducing by days the turn-around time necessary for fuel testing at centralized petroleum laboratories. The PEAK enhances the Petroleum and Water Quartermaster (QM) War Fighting Capabilities and will be used in Armored, Infantry and Stryker Brigade Combat Teams, Composite Supply Companies, and Sustainment Companies. The PEAK is classified as a Class VII system and will replace the Class IX Aviation Fuel Contamination Test Kit.

The Army Acquisition Objective for PEAK is 1411 systems.

PQAS-E R67500 - Prior Years Procurement:

The Petroleum Quality Analysis System Enhanced (PQAS-E) is a fully integrated fuel laboratory installed in an environmentally controlled International Organization for Standardization (ISO) style shelter mounted on a trailer with support equipment, supplies, and a tent. The mission of the PQAS-E consists of testing fuels received through normal supply channels, locally procured from civil sources, and captured enemy stocks. The PQAS-E is employed as the Army's single petroleum laboratory capable of performing all levels of quality surveillance tests throughout each echelon on the battlefield. The PQAS-E is capable of modified B-2 level testing In Accordance With (IAW) Military Standard (MIL-STD) 3004 on kerosene based (e.g. Jet Propellant [JP] 5, JP-8, Jet A, Jet A-1) and diesel military mobility fuels. The shelter contains fuel test equipment (Automated Instrumentation System [AIS]), support equipment and supplies, an Environmental Control Unit (ECU), and an Auxiliary Power Unit (APU). System software provides an information database/expert system for the technician to consult in the interpretation of test results and in making recommendations for the disposition of fuels. The automated data acquisition features allow test data from instrumentation to be sent directly to the system software, which reduces data transcription errors and eliminates the need for hard-copy laboratory notebooks. The PQAS-E system is being built at Rock Island Arsenal. Petroleum Quality Analysis System Enhanced (PQAS-E) supports the Modular Brigades and enhances the Petroleum and Water Quartermaster (QM) War Fighting Capabilities. Quality surveillance of bulk fuel is critical to aviation and ground mobility equipment. The PQAS-E gives bulk petroleum quality surveillance capability down to brigade level in a flexible, responsive, mobile lab mounted on a 5-ton trailer. The PQAS-E is required for conducting quality tests on kerosene based and diesel fuels thus ensuring quality surveillance on the battlefield. This will help assure U.S. Armed Ground Forces' strategic responsiveness and its global force projection. The fuels that we put in our warfighting platforms must meet purity standards or it can cause equipment to be non-mission capable.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 30: Petroleum Equipment	P-1 Line Item Number / Title: 0725MB6400 / QUALITY SURVEILLANCE EQUIPMENT
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

The Army Acquisition Objective (AAO) is 83 PQAS-E systems.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	10	28	21	-	21	81	84	79	79
	Total Obligation Authority	0.804	1.897	1.541	-	1.541	4.954	5.028	4.977	5.012
ANG	Quantity	2	8	14	-	14	22	17	22	21
	Total Obligation Authority	0.161	0.542	1.031	-	1.031	1.793	1.714	1.753	1.786
AR	Quantity	1	1	2	-	2	6	6	4	3
	Total Obligation Authority	0.080	0.068	0.307	-	0.307	0.740	0.751	0.770	0.777
Total: Secondary Distribution	Quantity	13	37	37	-	37	109	107	105	103
	Total Obligation Authority	1.045	2.507	2.879	-	2.879	7.487	7.493	7.500	7.575

Justification:
 FY 2025 Base Procurement in the amount of \$2.879 million procures 37 Petroleum Expeditionary Analysis Kit (PEAK) Low-Rate Initial Production systems. PEAK enhances the Petroleum and Water Quartermaster (QM) War Fighting Capabilities and will be used in Armored, Infantry and Stryker Brigade Combat Teams, Composite Supply Companies, and Sustainment Companies.

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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 30: Petroleum Equipment	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604804A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,266	96	357	412	-	412	836	955	962	881	-	5,765
Gross/Weapon System Cost (<i>\$ in Millions</i>)	785.676	33.844	40.989	57.050	-	57.050	92.695	105.831	107.557	103.401	-	1,327.043
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	785.676	33.844	40.989	57.050	-	57.050	92.695	105.831	107.557	103.401	-	1,327.043
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	785.676	33.844	40.989	57.050	-	57.050	92.695	105.831	107.557	103.401	-	1,327.043

(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>)	620.597	352.542	114.815	138.471	-	138.471	110.879	110.818	111.806	117.368	-	230.190

Description:

SSN R02680 / 3K GPH TACTICAL WATER PURIFICATION SYSTEM (TWPS) is a new start within the Distribution Systems, Petroleum & Water program in FY 2025
 SSN R38111 / CBRN WATER HAULER is a new start within the Distribution Systems, Petroleum & Water program in FY 2025

The Family of Petroleum and Water Distribution Systems supports the Army's mission and modernization efforts to supply bulk fuel and water during Multi-Domain Operations (MDO) to all Department of Defense (DoD) forces deployed globally. These systems support various Cross Function Teams (CFTs): Long Range Precision Fires (LRPF), Next Generation Combat Vehicles (NGCV), Air and Missile Defense (AMD), and Future Vertical Lift (FVL). Distribution systems consist of hoses, pumps, tanks, filter separators, fittings, couplings, and nozzles.

The Water Bison replaces the aging Water Buffalo and provides a full days supply of bulk potable water to Army units. The Water Bison consists of a 500 gallon baffled capacity tank. The Water Bison is mounted on a trailer and includes integrated freeze prevention. The Bison (500 gallon) AAO is 10,280.

The Water Storage Distribution System (WSDS) is a 100,000 gallon potable water storage system that is tailorable in receiving, storing, and issuing bulk water to all water systems in the Army inventory. The WSDS is the Army's primary large potable water bag farm storage. The WSDS can be set up to enable split operations and multiple configurations. The WSDS is comprised of collapsible storage tanks, engine driven centrifugal water pumps, meters, hoses, fittings and nozzles. The system also has hypo-chlorination units that automatically chlorinates water to Army standards. Army Acquisition Objective (AAO): 114 with 32 systems receiving split ops kits.

The Modular Fuel System (MFS) Tank Rack Module (TRM) is a 2,500 gallon mobile storage and distribution platform. It is configured in a 20 foot International Organization for Standardization (ISO) frame with integrated bale bar and is Heavy Expanded Mobility Tactical Truck-Load Handling System (HEMTT-LHS), Palletized Load Handling System (PLS) and PLS Trailer transportable. The MFS-TRM has a Stand-Alone Retail Capability (S-ARC) with its integrated continuous use electric pump, filter separator and flow meter. MFS TRM can be operated while truck mounted, trailer mounted or placed on the ground. The MFS-TRM can also be coupled with the HEMTT Tanker to form a highly mobile 5,000 gallon distribution platform within Brigade Combat Teams. The MFS provides the ability to rapidly establish a fuel distribution and storage capability at any location regardless of the availability of construction equipment or material handling equipment. The AAO is 4,192 TRMs.

The Modular Fuel System (MFS) Pump Rack Module (PRM) is fuel pumping capability for use with TRM or Collapsible Fabric Storage Tanks to create a bulk fuel storage and distribution system. The MFS-PRM is configured in a 20 foot ISO frame with integrated bale bar and is HEMTT-LHS, PLS and PLS Trailer Transportable. It has a 600 gallon per minute pump, filter separator, and on board storage with sufficient

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 30: Petroleum Equipment	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604804A
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Line Item MDAP/MAIS Code: N/A

hoses, fittings and nozzles for eight bulk or retail refueling points. The MFS-PRM and MFS-TRM provide the ability to rapidly establish a fuel distribution and storage capability at any location regardless of the availability of construction equipment or material handling equipment. The AAO is 31 PRMs.

The Early Entry Fluid Distribution System (E2FDS) is a highly automated flexible conduit system that complements the Inland Petroleum Distribution System (IPDS) by providing up to 50 miles of early entry capability for petroleum and water. It can throughput 850,000 gallons of petroleum or 650,000 gallons of non-potable water per day and emplace conduit at 25 miles per day or retrieve at 10 miles per day. The E2FDS consists of five major modules: automated pump stations, Employment and Retrieval System (ERS), 50 miles of flexible conduit and support equipment, command / control module, and an automated trace planning tool. The E2FDS components are packaged in 20-foot ISO containers for deployment and are transported on HEMTT-LHS, PLS and PLS Trailer. E2FDS reduces the requirement for line-haul petroleum semitrailers and relieves main supply route congestion. The E2FDS enables rapid setup of the conduit trace, and the automated and centralized control enable greater precision of pipeline operations with fewer personnel. Once the IPDS pipeline is emplaced, the E2FDS can be used to extend the pipeline trace or be moved to another location. The AAO is 25 with the 3 five-mile training sets, 10 five-mile sets and 12 Pacific Deterrence Initiative (PDI) sets.

The Mobile Tactical Retail Refueling System (MTRRS) is a 970 gallon capacity fuel tank, with a pump flow rate that can exceed 40 gallons per minute using an electric fuel motor/pump, a filter separator, and a flow meter. MTRRS allows for different configurations and transport platforms including cargo trucks, trailers, and Load Handling System flat-racks. The system can be removed from transport platform and operated on the ground. The MTRRS will replace the aging Tank Pump Unit (TPU) and Tank Unit Liquid Dispensing (TULD) systems. The AAO is 3,038.

The Load Handling System (LHS) Compatible Water Tank Rack System (Hippo) is a 2,000 gallon potable water tank mounted in an ISO frame. It is outfitted with a water pump, hose reel, and filling station. It is used for bulk load and discharge, retail distribution, and bulk storage of potable water. The prime mover is HEMTT-LHS, and PLS. HIPPOs will replace the 3k Semi-trailer Mounted Fabric Tank (SMFT) and most Forward Area Water Point Supply systems (FAW PSS). The AAO is 3,100.

The Chemical Biological Radiation Nuclear (CBRN) Water Hauler consists of an 800-gallon (T), 900-gallon (O) capacity tank with integral freeze protection, mounted on the MTV 5 Ton Truck. Decontamination operations require bulk non-potable water in support of the Joint Force per ATP 3-11.32 of up to 450 gallons per vehicle. Decontamination capabilities are critical in Multi-Domain Operations (MDO) because the enemy will utilize multiple layers of Anti-Access and Area Denial (A2AD) capabilities to include CBRN threats to delay and to impose high cost to obstruct strategic objectives. The AAO is 398.

The 3k TWPS replaces the 3,000 Gallons per Hour Reverse Osmosis Water Purification Unit (3k ROWPU). The 3k TWPS will be the primary bulk water purification capability supporting Echelons Above Brigade (EAB) and will be the primary water purification capability for tactical laundry and shower facilities. The 3k TWPS is a complete water purification system consisting of feed water pumps, hoses, media & cartridge filters, high pressure pump, reverse osmosis elements, 3,000 gallon/hour water storage & distribution system. It will be configured within an ISO container and mounted on a trailer towable by a M1088 truck. The system retains the capability to produce potable water from all surface and ground sources, including CBRN-contaminated water. The AAO is 190.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	22	87	117	-	117	292	375	442	436
	Total Obligation Authority	24.726	14.286	23.854	-	23.854	32.484	43.085	50.160	57.083
ANG	Quantity	36	157	169	-	169	314	354	348	244
	Total Obligation Authority	4.621	15.306	19.215	-	19.215	30.541	32.374	31.275	21.934
AR	Quantity	38	113	126	-	126	230	226	172	201
	Total Obligation Authority	4.497	11.397	13.981	-	13.981	29.670	30.372	26.122	24.384
Total: Secondary Distribution	Quantity	96	357	412	-	412	836	955	962	881
	Total Obligation Authority	33.844	40.989	57.050	-	57.050	92.695	105.831	107.557	103.401

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 30: Petroleum Equipment

P-1 Line Item Number / Title:
4700MA6000 / Distribution Systems, Petroleum & Water

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604804A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	G16011 / UNIT WATER TRAILER (WATER BISON)	P-5a, P-21			- / -	- / -	111 / 7.681	110 / 7.666	- / -	110 / 7.666
P-5	M13300 / WATER STOR/DIST SET, 1,000,000 GAL	P-5a	B		- / 5.070	2 / 2.907	5 / 2.207	10 / 5.409	- / -	10 / 5.409
P-5	R02600 / Modular Fuel System (MFS)		A		988 / 408.560	- / 1.020	- / -	- / -	- / -	- / -
P-5	R02680 / 3K GPH TACTICAL WATER PURIFICATION SYSTEM (TWPS)	P-5a			- / -	- / -	- / -	4 / 5.944	- / -	4 / 5.944
P-5	R02690 / EARLY ENTRY FLUID DISTRIBUTION SYSTEM (E2FDS)	P-5a, P-21	B		8 / 35.328	4 / 19.162	1 / 7.800	1 / 7.975	- / -	1 / 7.975
P-5	R38000 / Mobile Tactical Refueling System	P-5a	B		224 / 29.747	57 / 5.830	74 / 4.487	81 / 5.283	- / -	81 / 5.283
P-5	R38100 / HIPPO WATER DISTRIBUTION SYSTEM	P-5a, P-21	A		46 / 306.971	33 / 4.925	166 / 18.814	167 / 20.196	- / -	167 / 20.196
P-5	R38111 / CBRN WATER HAULER	P-5a			- / -	- / -	- / -	39 / 4.577	- / -	39 / 4.577
P-40	Total Gross/Weapon System Cost				1,266 / 785.676	96 / 33.844	357 / 40.989	412 / 57.050	- / -	412 / 57.050

*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 MA6000 Distribution Systems, Petroleum & Water lines funds multiple systems with differing unit costs. The Gross/Weapon System Unit Cost on the P40 will fluctuate year-to-year depending on the underlying mix of systems procured.

FY 2025 Base procurement dollars in the amount of \$57.050 million supports the procurement of:

- 110 each Unit Water Trailer (Water Bison) - G16011
- 10 each Water Storage Distribution Sets (WSDS) - M13300
- 4 each 3K GPH Tactical Water Purification Systems (TWPS) - R026800
- 1 each Early Entry Fluid Distribution System (E2FDS) - R02690
- 81 each Mobile Tactical Retail Refueling System (MTRRS) - R38000
- 167 each Load Handling System (LHS) Compatible Water Tank Racks System (Hippo) - R38100
- 39 each Chemical Biological Radiation Nuclear (CBRN) Water Hauler - R38111

This funding also supports engineering changes, system engineering/program management costs, system test & evaluation, training, logistics products, support equipment and fielding for all systems procured with FY 2025 base procurement.

FY 2025 Base Procurement dollars in the amount of \$7.975 million supports the procurement of 1 E2FDS in support of the Pacific Deterrence Initiative (PDI). This is an increase of \$0.175 million from the FY 2024 requested level.

The FY25 request increased over FY24 due to 2 new start programs: 3K GPH Tactical Water Purification Systems (TWPS) and Chemical Biological Radiation Nuclear (CBRN) Water Hauler

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 30: Petroleum Equipment		P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604804A
Line Item MDAP/MAIS Code: N/A		
<p>The Army is the executive agent for the Management of Land-Based Water Resources in support of Contingency Operations and has responsibility for all inland distribution of fuel and water to include support to other services. Distribution Systems support the Stryker Brigade Combat Teams (SBCTs), Brigade Combat Teams, Field Artillery, Maneuver Enhancement Brigades, and the Petroleum and Water Quartermaster (QM) modular force war fighting capabilities. These systems are the Army's primary means of distributing and issuing retail and bulk petroleum and water. The Army cannot fight without clean water and fuel. These systems enable the Army to achieve its Army 2030 requirement by providing highly mobile and self-sustaining equipment to hostile theaters of operation. The ability to rapidly, efficiently, and safely distribute fuel on the battlefield is a critical combat enabler. Funding supports a balanced investment strategy to support the Army's approved force structure, Regionally Aligned Readiness and Multi-Domain Operations (MDO) for Active, National Guard, and Reserve Components</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</p>		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: G16011 / UNIT WATER TRAILER (WATER BISON)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				-	-	111	110	-	110
Gross/Weapon System Cost (\$ in Millions)				-	-	7.681	7.666	-	7.666
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				-	-	7.681	7.666	-	7.666
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				-	-	7.681	7.666	-	7.666
<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)				-	-	69.198	69.691	-	69.691

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Water Bison - Hardware ^(†)	-	-	-	-	-	-	54.063	111	6.001	57.000	110	6.270	-	-	-	57.000	110	6.270
Water Bison - ASL/BI	-	-	-	-	-	-	0.550	111	0.061	1.355	110	0.149	-	-	-	1.355	110	0.149
Water Bison - System Test & Evaluation, Production	-	-	-	-	-	-	-	-	0.759	-	-	0.486	-	-	-	-	-	0.486
Water Bison - Fielding	-	-	-	-	-	-	-	-	0.791	-	-	0.345	-	-	-	-	-	0.345
Water Bison - First Destination Transportation	-	-	-	-	-	-	-	-	0.069	-	-	0.166	-	-	-	-	-	0.166
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	7.681	-	-	7.416	-	-	-	-	-	7.416
Non Recurring Cost																		
Water Bison - Tech Manual	-	-	-	-	-	-	-	-	-	-	-	0.250	-	-	-	-	-	0.250
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	0.250	-	-	-	-	-	0.250
Subtotal: Flyaway Cost	-	-	-	-	-	-	-	-	7.681	-	-	7.666	-	-	-	-	-	7.666
Gross/Weapon System Cost	-	-	-	-	-	-	69.198	111	7.681	69.691	110	7.666	-	-	-	69.691	110	7.666

Remarks:
Funds in this program were aligned from program R38101 Unit Water Pod System beginning in FY 2023.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: G16011 / UNIT WATER TRAILER (WATER BISON)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	50	50	-	50
	Total Obligation Authority	-	3.460	3.332	-	3.332
ANG	Quantity	-	50	32	-	32
	Total Obligation Authority	-	3.460	2.201	-	2.201
AR	Quantity	-	11	28	-	28
	Total Obligation Authority	-	0.761	2.133	-	2.133
Total:	Quantity	-	111	110	-	110
Secondary Distribution	Total Obligation Authority	-	7.681	7.666	-	7.666

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30			P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water				Item Number / Title [DODIC]: G16011 / UNIT WATER TRAILER (WATER BISON)				

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
Water Bison - Hardware ^(†)		2024	TBD / TBD	C / FFP	TACOM - ACC Warren, MI	Mar 2024	Mar 2025	111	54.063	N		
Water Bison - Hardware ^(†)		2025	TBD / TBD	C / FFP	TACOM - ACC Warren, MI	Jan 2025	Jan 2026	110	57.000	N		

^(†) indicates the presence of a P-21

Remarks:
BISON LRIP production award has been delayed to allow PM to pursue lower cost system configuration option.

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30										P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water										Item Number / Title [DODIC]: G16011 / UNIT WATER TRAILER (WATER BISON)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026												Fiscal Year 2027												B A L A N C E	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026												Calendar Year 2027												
							O C T	N O V	D E C	J A N	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
Water Bison - Hardware																															
	1	2024	ARMY	111	61	50	10	10	10	10	10																		0		
	1	2025	ARMY	110	0	110	-	-	-	9	9	10	10	9	9	9	9	9	9	9	9	9							0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30		P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water
		Item Number / Title [DODIC]: G16011 / UNIT WATER TRAILER (WATER BISON)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	4	40	50	0	6	12	18	0	4	12	16

"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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: M13300 / WATER STOR/DIST SET, 1,000,000 GAL

ID Code (A=Service Ready, B=Not Service Ready) : B				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				-	2	5	10	-	10
Gross/Weapon System Cost (\$ in Millions)				5.070	2.907	2.207	5.409	-	5.409
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				5.070	2.907	2.207	5.409	-	5.409
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				5.070	2.907	2.207	5.409	-	5.409
<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)				-	1,453.500	441.400	540.900	-	540.900

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Water Stor/Dist Set - Hardware ^(†)	-	-	-	509.000	3	1.527	260.800	5	1.304	364.700	10	3.647	-	-	-	364.700	10	3.647
Water Stor/Dist Set - Hardware - Split OPS Kit (32 of 114)	-	-	-	97.000	2	0.194	97.000	3	0.291	105.000	10	1.050	-	-	-	105.000	10	1.050
Water Stor/Dist Set - BII / ASL / Special Tools	-	-	-	1.667	3	0.005	1.600	5	0.008	1.800	10	0.018	-	-	-	1.800	10	0.018
Water Stor/Dist Set - System Engineering/ Program Management	-	-	0.379	-	-	0.346	-	-	0.374	-	-	0.340	-	-	-	-	-	0.340
Water Stor/Dist Set - Fielding NET	-	-	-	-	-	0.392	-	-	0.223	-	-	0.339	-	-	-	-	-	0.339
Water Stor/Dist Set - FDT	-	-	-	-	-	0.013	-	-	0.007	-	-	0.015	-	-	-	-	-	0.015
Subtotal: Recurring Cost	-	-	0.379	-	-	2.477	-	-	2.207	-	-	5.409	-	-	-	-	-	5.409
Non Recurring Cost																		
Prior Years - Non WSDS Costs	-	-	4.691	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Stor/Dist Set - Data - Tech Manual / Interactive Media	-	-	-	-	-	0.190	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: M13300 / WATER STOR/DIST SET, 1,000,000 GAL
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Water Stor/Dist Set - Test Asset Refurbishment	-	-	-	-	-	0.240	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	4.691	-	-	0.430	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	5.070	-	-	2.907	-	-	2.207	-	-	5.409	-	-	-	-	-	5.409
Gross/Weapon System Cost	-	-	5.070	1,453.500	2	2.907	441.400	5	2.207	540.900	10	5.409	-	-	-	540.900	10	5.409

Remarks:

Production Unit Cost information has been updated (Increased) for FY25 as program is now post LRIP contract award and can report Actual Costs vs Life Cycle Cost Estimates

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	2	-	1	-	1
	Total Obligation Authority	2.907	-	0.540	-	0.540
ANG	Quantity	-	3	5	-	5
	Total Obligation Authority	-	1.324	2.705	-	2.705
AR	Quantity	-	2	4	-	4
	Total Obligation Authority	-	0.883	2.164	-	2.164
Total:	Quantity	2	5	10	-	10
Secondary Distribution	Total Obligation Authority	2.907	2.207	5.409	-	5.409

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30			P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water					Item Number / Title [DODIC]: M13300 / WATER STOR/DIST SET, 1,000,000 GAL				
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
Water Stor/Dist Set - Hardware		2023	GTA CONTAINERS, INC. / 4201 LINDEN AVE, SOUTH BEND, IN 46619-1744	C / FFP	TACOM	Nov 2023	Mar 2024	3	509.000	N		
Water Stor/Dist Set - Hardware		2024	TBD / TBD	C / FFP	TACOM	Mar 2024	Feb 2025	5	260.800	N		
Water Stor/Dist Set - Hardware		2025	GTA CONTAINERS, INC. / 4201 LINDEN AVE, SOUTH BEND, IN 46619-1744	C / FFP	ACC Warren - TACOM	Mar 2025	Feb 2026	10	364.700	Y		

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R02600 / Modular Fuel System (MFS)
--	--	---

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

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	988	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	408.560	1.020	-	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	408.560	1.020	-	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	408.560	1.020	-	-	-	-

(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)	413.522	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Modular Fuel System (MFS) Pump Rack Module (PRM) - Hardware	855.613	31	26.524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank Rack Modules	70.665	3,989	281.881	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	1.450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Data	-	-	3.456	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Test & Evaluation, Production	-	-	10.152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training	-	-	1.459	-	-	0.040	-	-	-	-	-	-	-	-	-	-	-	-
System Engineering/ Program Management	-	-	39.148	-	-	0.206	-	-	-	-	-	-	-	-	-	-	-	-
Support Equipment	-	-	3.703	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding	-	-	36.358	-	-	0.774	-	-	-	-	-	-	-	-	-	-	-	-
System Engineering/ Program Management (PRM)	-	-	3.018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	407.149	-	-	1.020	-	-	-	-	-	-	-	-	-	-	-	-
Non Recurring Cost																		
Modular Fuel System (MFS) Pump Rack Module (PRM) - Test Asset Repair	-	-	0.361	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30						P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water						Item Number / Title [DODIC]: R02600 / Modular Fuel System (MFS)					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Central NET Location Est. - Camp Dodge	-	-	0.286	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFS -PRM DATA	-	-	0.763	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	1.410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	408.559	-	-	1.020	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	413.522	988	408.560	-	-	1.020	-	-	-	-	-	-	-	-	-	-	-	-

Remarks:
System will transition to sustainment in FY24.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	1.020	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	1.020	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R02680 / 3K GPH TACTICAL WATER PURIFICATION SYSTEM (TWPS)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity <i>(Units in Each)</i>				-	-	-	4	-	4
Gross/Weapon System Cost <i>(\$ in Millions)</i>				-	-	-	5.944	-	5.944
Less PY Advance Procurement <i>(\$ in Millions)</i>				-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>				-	-	-	5.944	-	5.944
Plus CY Advance Procurement <i>(\$ in Millions)</i>				-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>				-	-	-	5.944	-	5.944
<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>				-	-	-	1,486.000	-	1,486.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
3K TWPS - Hardware ^(†)	-	-	-	-	-	-	-	-	-	1,082.750	4	4.331	-	-	-	1,082.750	4	4.331
3K TWPS - BII / ASL / Special Tools	-	-	-	-	-	-	-	-	-	0.500	4	0.002	-	-	-	0.500	4	0.002
3K TWPS - System Engineering Program Management (SEPM)	-	-	-	-	-	-	-	-	-	-	-	0.300	-	-	-	-	-	0.300
3K TWPS - Fielding	-	-	-	-	-	-	-	-	-	-	-	0.101	-	-	-	-	-	0.101
3K TWPS - First Destination Transportation	-	-	-	-	-	-	-	-	-	-	-	0.010	-	-	-	-	-	0.010
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	4.744	-	-	-	-	-	4.744
Non Recurring Cost																		
3K TWPS - Tech Manual / Log Dev	-	-	-	-	-	-	-	-	-	-	-	1.200	-	-	-	-	-	1.200
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	1.200	-	-	-	-	-	1.200
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	5.944	-	-	-	-	-	5.944
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	-	1,486.000	4	5.944	-	-	-	1,486.000	4	5.944

Remarks:

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R02680 / 3K GPH TACTICAL WATER PURIFICATION SYSTEM (TWPS)

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**
 FY25 \$5.944M will purchase 4ea 3k Tactical Water Purification Sys. (3k TWPS) hardware assets, required support equipment/kits, Technical Manual development, PdM office support, fielding and new equipment training.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	4	-	4
	Total Obligation Authority	-	-	5.944	-	5.944
Total: Secondary Distribution	Quantity	-	-	4	-	4
	Total Obligation Authority	-	-	5.944	-	5.944

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30			P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water				Item Number / Title [DODIC]: R02680 / 3K GPH TACTICAL WATER PURIFICATION SYSTEM (TWPS)					
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
3K TWPS - Hardware		2025	TBD / TBD	C / FFP	ACC Warren - TACOM	Mar 2025	Dec 2025	4	1,082.750	N		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R02690 / EARLY ENTRY FLUID DISTRIBUTION SYSTEM (E2FDS)

ID Code (A=Service Ready, B=Not Service Ready) : B				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		8	4	1	1	-	1
Gross/Weapon System Cost (\$ in Millions)		35.328	19.162	7.800	7.975	-	7.975
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		35.328	19.162	7.800	7.975	-	7.975
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		35.328	19.162	7.800	7.975	-	7.975
<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)		4,416.000	4,790.500	7,800.000	7,975.000	-	7,975.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
E2FDS System Hardware ^(†)	2,438.625	8	19.509	4,337.000	4	17.348	7,137.000	1	7.137	7,250.000	1	7.250	-	-	-	7,250.000	1	7.250
E2FDS System Overhead Award / CDRL Development	-	-	3.534	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E2FDS Test Assets / Spares / Hardware Kits / Test FSR Spt	-	-	2.569	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E2FDS - Training Aids, Devices, Simulators (TADS)	-	-	0.265	-	-	0.120	-	-	-	-	-	-	-	-	-	-	-	-
Interactive Media Training - IMI	-	-	-	-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-
Fielding	-	-	1.341	-	-	0.321	-	-	0.218	-	-	0.290	-	-	-	-	-	0.290
System engineering/ Program management	-	-	4.774	-	-	0.201	-	-	0.425	-	-	0.415	-	-	-	-	-	0.415
First Destination Transportation	-	-	0.276	-	-	0.072	-	-	0.020	-	-	0.020	-	-	-	-	-	0.020
Subtotal: Recurring Cost	-	-	32.268	-	-	19.162	-	-	7.800	-	-	7.975	-	-	-	-	-	7.975
Non Recurring Cost																		
E2FDS Test Asset Refurbishment	-	-	0.950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R02690 / EARLY ENTRY FLUID DISTRIBUTION SYSTEM (E2FDS)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
E2FDS - Tech Manual Development	-	-	2.110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	3.060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	35.328	-	-	19.162	-	-	7.800	-	-	7.975	-	-	-	-	-	7.975
Gross/Weapon System Cost	4,416.000	8	35.328	4,790.500	4	19.162	7,800.000	1	7.800	7,975.000	1	7.975	-	-	-	7,975.000	1	7.975

Remarks:
FY 2025 E2FDS unit cost will increase as provided funding does not support the Minimum Production Rate.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	4	1	1	-	1
	Total Obligation Authority	19.162	7.800	7.975	-	7.975
Total: Secondary Distribution	Quantity	4	1	1	-	1
	Total Obligation Authority	19.162	7.800	7.975	-	7.975

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30			P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water				Item Number / Title [DODIC]: R02690 / EARLY ENTRY FLUID DISTRIBUTION SYSTEM (E2FDS)				

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
E2FDS System Hardware ^(†)		2023	DRS / West Plains, MO	C / FFP	ACC Warren - TACOM	Sep 2023	Sep 2024	4	4,337.000	Y		
E2FDS System Hardware ^(†)		2024	DRS / West Plains, MO	C / FFP	TACOM - ACC, Warren	Mar 2024	Mar 2025	1	7,137.000	N		
E2FDS System Hardware ^(†)		2025	DRS / West Plains, MO	C / FFP	ACC Warren - TACOM	Jan 2025	Jan 2026	1	7,250.000	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30										P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water										Item Number / Title [DODIC]: R02690 / EARLY ENTRY FLUID DISTRIBUTION SYSTEM (E2FDS)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025														Fiscal Year 2026														B A L A N C E	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025														Calendar Year 2026														
							O C T	N O V	D E C	J A N	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					
E2FDS System Hardware																																			
Prior Years Deliveries: 8																																			
1		2023	ARMY	4	1	3	-	-	1	-	-	1	-	-	1																				0
1		2024	ARMY	1	0	1	-	-	-	-	-	1																							0
1		2025	ARMY	1	0	1				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30		P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water
		Item Number / Title [DODIC]: R02690 / EARLY ENTRY FLUID DISTRIBUTION SYSTEM (E2FDS)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	DRS - West Plains, MO	2	12	24	0	6	12	18	0	4	12	16

"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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R38000 / Mobile Tactical Refueling System

ID Code (A=Service Ready, B=Not Service Ready) : B				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		224	57	74	81	-	81
Gross/Weapon System Cost (\$ in Millions)		29.747	5.830	4.487	5.283	-	5.283
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		29.747	5.830	4.487	5.283	-	5.283
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		29.747	5.830	4.487	5.283	-	5.283
<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)		132.799	102.281	60.635	65.222	-	65.222

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Mobile Tactical Refueling System - Hardware ⁽¹⁾	57.733	329	18.994	53.648	88	4.721	48.311	74	3.575	54.395	81	4.406	-	-	-	54.395	81	4.406
Mobile Tactical Refueling System - ASL/BII	1.368	337	0.461	1.211	57	0.069	1.230	74	0.091	1.247	81	0.101	-	-	-	1.247	81	0.101
Engineering Changes (ECPs)	-	-	1.511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tech Manual - IPS	-	-	1.282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding	-	-	1.984	-	-	0.140	-	-	0.349	-	-	0.308	-	-	-	-	-	0.308
System Engineering/ Program Management	-	-	3.910	-	-	0.801	-	-	0.376	-	-	0.361	-	-	-	-	-	0.361
System Test and Evaluation	-	-	0.625	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportation	-	-	0.691	-	-	0.099	-	-	0.096	-	-	0.107	-	-	-	-	-	0.107
Subtotal: Recurring Cost	-	-	29.458	-	-	5.830	-	-	4.487	-	-	5.283	-	-	-	-	-	5.283
Subtotal: Flyaway Cost	-	-	29.458	-	-	5.830	-	-	4.487	-	-	5.283	-	-	-	-	-	5.283
Hardware Cost																		
Non Recurring Cost																		
Test Asset Refurbishment	-	-	0.289	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R38000 / Mobile Tactical Refueling System
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Non Recurring Cost</i>	-	-	0.289	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	0.289	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	132.799	224	29.747	102.281	57	5.830	60.635	74	4.487	65.222	81	5.283	-	-	-	65.222	81	5.283

Remarks:

FY 2025 MTRRS unit cost increased due to addition of FAR-33 EPA pricing clause to production contract. Action was required because of yearly inflation increasing costs for raw materials and impacting contractors ability to continue production. MTRRS unit cost will increase or decrease it outyears based on commodity prices.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	16	20	22	-	22
	Total Obligation Authority	1.637	1.213	1.486	-	1.486
ANG	Quantity	16	24	25	-	25
	Total Obligation Authority	1.636	1.455	1.661	-	1.661
AR	Quantity	25	30	34	-	34
	Total Obligation Authority	2.557	1.819	2.136	-	2.136
Total: Secondary Distribution	Quantity	57	74	81	-	81
	Total Obligation Authority	5.830	4.487	5.283	-	5.283

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30			P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water					Item Number / Title [DODIC]: R38000 / Mobile Tactical Refueling System				
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Mobile Tactical Refueling System - Hardware		2023	Heil Trailer International, LLC / Gatesville, TX	C / FFP	Warren, MI	Apr 2023	Oct 2023	88	53.648	N		
Mobile Tactical Refueling System - Hardware		2024	Heil Trailer International, LLC / Gatesville, TX	C / FFP	Warren, MI	Apr 2024	Oct 2024	74	48.311	N		
Mobile Tactical Refueling System - Hardware		2025	Heil Trailer International, LLC / Gatesville, TX	C / FPEPA	ACC Warren - TACOM	Apr 2025	Oct 2025	81	54.395	Y		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30		P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water
		Item Number / Title [DODIC]: R38100 / HIPPO WATER DISTRIBUTION SYSTEM

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			46	33	166	167	-	167
Gross/Weapon System Cost (\$ in Millions)			306.971	4.925	18.814	20.196	-	20.196
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			306.971	4.925	18.814	20.196	-	20.196
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			306.971	4.925	18.814	20.196	-	20.196
<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)			6,673.283	149.242	113.337	120.934	-	120.934

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
HIPPO - Hardware Systems ^(t)	103.740	1,714	177.811	103.727	33	3.423	104.518	166	17.350	107.653	167	17.978	-	-	-	107.653	167	17.978
HIPPO ASL/BII/ Special Tools	0.267	30	0.008	0.267	15	0.004	0.114	166	0.019	0.120	167	0.020	-	-	-	0.120	167	0.020
Training	-	-	4.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Log Development - IETM Conversion	-	-	13.953	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Test & Evaluation, Production	-	-	15.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	14.506	-	-	0.090	-	-	0.100	-	-	0.120	-	-	-	-	-	0.120
System Engineering/ Program Management	-	-	47.151	-	-	1.307	-	-	0.664	-	-	0.487	-	-	-	-	-	0.487
Fielding	-	-	16.862	-	-	-	-	-	0.452	-	-	0.605	-	-	-	-	-	0.605
First Destination Transportation	-	-	1.841	-	-	0.101	-	-	0.229	-	-	0.286	-	-	-	-	-	0.286
Subtotal: Recurring Cost	-	-	291.732	-	-	4.925	-	-	18.814	-	-	19.496	-	-	-	-	-	19.496
Non Recurring Cost																		
Test Asset Refurbishment	-	-	0.140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tech Manual Development	-	-	4.041	-	-	-	-	-	-	-	-	0.700	-	-	-	-	-	0.700

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R38100 / HIPPO WATER DISTRIBUTION SYSTEM
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Non Recurring Cost</i>	-	-	4.181	-	-	-	-	-	-	-	-	0.700	-	-	-	-	-	0.700
<i>Subtotal: Flyaway Cost</i>	-	-	295.913	-	-	4.925	-	-	18.814	-	-	20.196	-	-	-	-	-	20.196
Hardware Cost																		
Non Recurring Cost																		
ERI Funding Return - Change in Requirement	-	-	11.059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	11.059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	11.059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	6,673.283	46	306.971	149.242	33	4.925	113.337	166	18.814	120.934	167	20.196	-	-	-	120.934	167	20.196

Remarks:

FY 2025 HIPPO unit cost increased in FY25 due to inflation increasing costs for raw materials.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	16	-	-	-
	Total Obligation Authority	-	1.813	-	-	-
ANG	Quantity	20	80	107	-	107
	Total Obligation Authority	2.985	9.067	12.648	-	12.648
AR	Quantity	13	70	60	-	60
	Total Obligation Authority	1.940	7.934	7.548	-	7.548
Total: Secondary Distribution	Quantity	33	166	167	-	167
	Total Obligation Authority	4.925	18.814	20.196	-	20.196

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30			P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water				Item Number / Title [DODIC]: R38100 / HIPPO WATER DISTRIBUTION SYSTEM				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
HIPPO - Hardware Systems ^(†)		2023	Isometrics / 1266 N. Scales St, Reidsville, NC 27320 - 8306	C / FFP	ACC Warren - TACOM	Jun 2023	Nov 2023	33	103.727	N		
HIPPO - Hardware Systems ^(†)		2024	Isometrics / 1266 N. Scales St, Reidsville, NC 27320 - 8306	C / FFP	TACOM	Apr 2024	Sep 2024	166	104.518	N		
HIPPO - Hardware Systems ^(†)		2025	Isometrics / 1266 N. Scales St, Reidsville, NC 27320 - 8306	C / FFP	ACC Warren - TACOM	Jan 2025	Jun 2025	167	107.653	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30										P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water										Item Number / Title [DODIC]: R38100 / HIPPO WATER DISTRIBUTION SYSTEM									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025														Fiscal Year 2026														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025														Calendar Year 2026														
							O C T	N O V	D E C	J A N	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					
HIPPO - Hardware Systems																																			
Prior Years Deliveries: 1714																																			
1	2023	ARMY		33	30	3	3																												0
1	2024	ARMY		166	13	153	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	0
1	2025	ARMY		167	0	167				A	-	-	-	-	-	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30		P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water
		Item Number / Title [DODIC]: R38100 / HIPPO WATER DISTRIBUTION SYSTEM

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Isometrics - 1266 N. Scales St, Reidsville, NC 27320 - 8306	10	20	45	0	9	5	14	0	7	5	12

"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 2025 Army						Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30			P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water			Item Number / Title [DODIC]: R38111 / CBRN WATER HAULER		
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			-	-	-	39	-	39
Gross/Weapon System Cost (\$ in Millions)			-	-	-	4.577	-	4.577
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			-	-	-	4.577	-	4.577
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			-	-	-	4.577	-	4.577
<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)			-	-	-	117.359	-	117.359

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
CBRN - Hardware ^(†)	-	-	-	-	-	-	-	-	-	80.615	39	3.144	-	-	-	80.615	39	3.144
CBRN - ASL/BII/ Special Tools	-	-	-	-	-	-	-	-	-	1.000	39	0.039	-	-	-	1.000	39	0.039
CBRN - System Engineering Program Management	-	-	-	-	-	-	-	-	-	-	-	0.365	-	-	-	-	-	0.365
CBRN - Fielding	-	-	-	-	-	-	-	-	-	-	-	0.363	-	-	-	-	-	0.363
CBRN - First Destination Transportation	-	-	-	-	-	-	-	-	-	-	-	0.036	-	-	-	-	-	0.036
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	3.947	-	-	-	-	-	3.947
Non Recurring Cost																		
CBRN - Test Asset Refurbishment	-	-	-	-	-	-	-	-	-	-	-	0.080	-	-	-	-	-	0.080
CBRN - Tech Manual	-	-	-	-	-	-	-	-	-	-	-	0.550	-	-	-	-	-	0.550
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	0.630	-	-	-	-	-	0.630
Subtotal: Flyaway Cost	-	-	-	-	-	-	-	-	-	-	-	4.577	-	-	-	-	-	4.577
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	-	117.359	39	4.577	-	-	-	117.359	39	4.577

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Exhibit P-5, Cost Analysis: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R38111 / CBRN WATER HAULER
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	39	-	39
	Total Obligation Authority	-	-	4.577	-	4.577
Total:	Quantity	-	-	39	-	39
Secondary Distribution	Total Obligation Authority	-	-	4.577	-	4.577

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 30	P-1 Line Item Number / Title: 4700MA6000 / Distribution Systems, Petroleum & Water	Item Number / Title [DODIC]: R38111 / CBRN WATER HAULER
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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
CBRN - Hardware		2025	TBD / TBD	C / FFP	ACC Warren - TACOM	Mar 2025	Sep 2025	39	80.615	N		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 40: Medical Equipment	P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,382.672	100.791	86.829	72.157	-	72.157	99.845	95.390	106.414	110.424	-	2,054.522
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,382.672	100.791	86.829	72.157	-	72.157	99.845	95.390	106.414	110.424	-	2,054.522
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,382.672	100.791	86.829	72.157	-	72.157	99.845	95.390	106.414	110.424	-	2,054.522

(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>)	117.935	23.992	98.782	23.496	-	23.496	21.504	23.967	18.135	22.317	-	52.259

Description:

The Army's Combat Support Medical (CSM) program provides solutions to the Army's high-risk medical capability gap of Prolonged Care in support of Large Scale Combat Operations aligned by the Army Health System (AHS) and its ten medical functional areas. Note CSM does not have equities within two of the ten functional areas: Medical Command and Control and Combat and Operational Stress Control. In order to support Multi-Domain Operations (MDO), the Medical Enterprise must provide prolonged care, trauma care, enroute care, treatment and hospitalization solutions to support warfighting operations from the strategic support area to the deep maneuver area.

CSM represents the highly diverse and complex equipping component of Army operational medical capabilities. In FY 2025, CSM supports 88 medical Line Item Number (LINs)—including equipment (Army Support Items of Equipment (ASIOE) and Medical Equipment Sets) for the Army. LINs are aligned to each medical functional area.

CSM promotes, improves, conserves, and maximizes mental and physical performance of Warfighters operational force unit readiness within the spectrum of military operations by fielding to operational units throughout the Army's Roles of Care and Range of Military Operations (ROMO). CSM supports technologically advanced medical/surgical capabilities, medical materiel, and medical-related equipment (e.g., capabilities to make vehicles into ambulances) required in our Combat, Combat Support, and Combat Service Support force structure.

The CSM program is divided into the AHS medical functional areas aligning with medical disciplines that are interdependent and continuously synchronized to reduce morbidity and mortality, improve operational force readiness and to maximize patient outcomes. The CSM program supports requirements within eight of the ten medical functional areas, as follows:

- * Medical Treatment - Supports return-to-duty for patients who can be treated on-site, in the operating environment, or stabilization and evacuation of patients requiring definitive, recovering, and rehabilitative care in stateside hospitals or other safe haven. Examples of devices used, but not limited to providing medical treatment include patient vital signs monitors, infusion pumps, fluid warming systems, tourniquets, ultrasounds, x-ray and medical equipment sets (MES) for Holistic Health and Fitness.
- * Medical Evacuation - Medical Evacuation supports medical equipment and medical sets to ground and air medical evacuation units to move casualties from point of injury, company aid posts, or casualty/patient collection points to medical treatment facilities often within hostile operational environments.
- * Hospitalization - Includes procurement of the field hospital, which may include augmentation detachment modules depending on specific configuration. The modules contain equipment and supplies for patient hospitalization such as surgical lights, anesthesia machines, oxygen generation systems, CT Scanners, C-arms, and devices for surgery or medical care. Hospitalization also includes infrastructure such as fresh water and waste water distribution sets and shelters.
- * Dental Services - Provides necessary dental care designed to eliminate potential dental emergencies in operational settings across the Army's multi-domain operations.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 40: Medical Equipment	P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

- * Preventive Medical Services - Designed to prevent casualties from disease and non-battle Injuries through medical and health assessments, hygiene and sanitation, and personal protective measures across the ROMO and in support of Large Scale Combat Operations
- * Veterinary services - Provides food safety and inspection, animal medicine, and preventive medical services. Animal medical care provides preventive care, sick call, combat casualty care, military and contract working dogs hospitalization and medical evacuation between veterinary roles of care.
- * Medical Laboratory Services - Provides laboratory and diagnostic testing at the hospital level or area support. The laboratory contains the necessary supplies, assays, and equipment to allow personnel to provide clinical laboratory testing in support of diagnosis and treatment of military and non-military patients in the field. The services provided include blood banking, hematology, immunohematology, clinical chemistry, serology, bacteriology, parasitology, and urinalysis. FY 2024 we will begin initial procurement of the Analyzer Traumatic Brain Injury (ATBI) Block 1.
- * Medical Logistics - Includes capabilities to provide supply chain operations in the operating force for the medical supply commodity; providing operational and maintenance support to the Army medical units; management of set assembly, fielding, and follow-on logistics support to ensure combat ready forces in peacetime and during times of conflict. This includes support to deployed Combat Medics and Expeditionary Forces, Ground Ambulances, Forward Surgical Teams and fully operational field hospitals, as well as non-medical units with medical requirements (Active, Reserve, and National Guard units).

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	93.986	73.220	47.827	-	47.827	80.656	66.913	44.274	65.531
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	4.299	3.503	10.909	-	10.909	13.270	18.441	28.961	26.007
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.506	10.106	13.421	-	13.421	5.919	10.036	33.179	18.886
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	100.791	86.829	72.157	-	72.157	99.845	95.390	106.414	110.424

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 40: Medical Equipment

P-1 Line Item Number / Title:
7500MN1000 / Combat Support Medical

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	MB1100 / FIELD MEDICAL EQUIPMENT - Medical ASIOE	P-5a			- / 1,364.642	- / 57.786	- / 68.874	- / 54.738	- / -	- / 54.738
P-5	Q10011 / MEDICAL TREATMENT				- / 5.461	- / 10.841	- / 10.337	- / 15.428	- / -	- / 15.428
P-5	Q13015 / MEDICAL EVACUATION				- / 12.569	- / 32.164	- / 7.618	- / 1.991	- / -	- / 1.991
P-40	Total Gross/Weapon System Cost				- / 1,382.672	- / 100.791	- / 86.829	- / 72.157	- / -	- / 72.157

*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:
 Combat Support Medical (MN1000) lines funds multiple systems with differing unit costs. The Unit Cost on the P40 will fluctuate year-to-year depending on the underlying mix of systems procured.

Combat Support Medical (MN1000) focuses on building Army operational force readiness along with the modernization of all equipment and medical sets used in the operational environment supporting all types of contingencies. The procurement focus will be on total Army authorization growth, modernizing high priority units, and addressing current shortages.

FY 2025 Base procurement dollars in the amount of \$23.849 million supports the procurement of 829 pieces of medical equipment and sets for Army's Multi-Domain Operations.

There are FY 2025 Base procurement dollars in the amount of \$38.339 million supports the procurement of 1,507 pieces of medical equipment and sets to maintain European rotational unit readiness to support the requirement for European Deterrence Initiative (EDI).

Additional funds have increased in our funding lines for MB1100 FY25. \$9.969 million of funds will be used to recoup the APS-5 Hospital Center Combat Loss. Replacement of this Hospital Center will fill and meet the ARCENT requirement. Combat loss was due to the evacuation in Afghanistan while under pressure (non-permissive environment).

Secondary Distribution reflect erroneous COMPO breakout.

Quantities should reflect BASE funding:
 COMPO 1: 295
 COMPO 2: 223
 COMPO 3: 311

Quantities should reflect BASE EDI funding:
 COMPO 1: 747
 COMPO 2: 704
 COMPO 3: 56

Overseas Operations Costs (OOC) funds this requirement in the amount of \$48.308 million for FY 2025 Budget Estimate. Overseas Operations Costs (OOC) are those financed with former Overseas Contingency Operations (OCO) funding.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 40: Medical Equipment		P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical
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		
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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 40	P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical	Item Number / Title [DODIC]: MB1100 / FIELD MEDICAL EQUIPMENT - Medical ASIOE

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)			-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)			1,364.642	57.786	68.874	54.738	-	54.738
Less PY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)			1,364.642	57.786	68.874	54.738	-	54.738
Plus CY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)			1,364.642	57.786	68.874	54.738	-	54.738
<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>)			124.910	39.150	113.466	25.167	-	25.167

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Laboratory science Equipment	35.068	1,991	69.821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ambulatory Care Equipment	13.974	19,428	271.494	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dental Equipment	3.148	58,394	183.830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ophthalmology/ optometry Equipment	397.603	33	13.121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surgical Equipment	44.982	2,077	93.428	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Veterinary Equipment	132.281	224	29.631	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diagnostic Imaging Equipment	495.842	493	244.450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Therapy/Treatment	7.800	1,374	10.717	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Environmental (Water)	7.405	2,289	16.950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMDE (Test, Measurement, Diagnostic Eq)	31.729	782	24.812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOSPITAL	3.398	67,201	228.330	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MED OXYGEN	102.808	389	39.992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHARM	28.392	23	0.653	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLISTIC HEALTH AND FITNESS - FULL UFR	22,100.000	1	22.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 40		P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical
		Item Number / Title [DODIC]: MB1100 / FIELD MEDICAL EQUIPMENT - Medical ASIOE
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hospitalization ^(†)	46,215.325	1	46.215	17,034.040	1	17.034	24,160.913	1	24.161	21,011.187	1	21.011	-	-	-	21,011.187	1	21.011
Preventive Medicine ^(†)	312.023	1	0.312	6,975.500	1	6.976	1,281.452	1	1.281	1,614.092	1	1.614	-	-	-	1,614.092	1	1.614
Medical Logistics ^(†)	19,827.246	1	19.827	998.959	1	0.999	2,977.141	1	2.977	9,596.682	1	9.597	-	-	-	9,596.682	1	9.597
Dental Services ^(†)	328.956	1	0.329	376.166	1	0.376	9,582.419	1	9.582	3,381.587	1	3.382	-	-	-	3,381.587	1	3.382
Medical Lab ^(†)	1,843.347	1	1.843	443.819	1	0.444	7,340.191	1	7.340	1,547.843	1	1.548	-	-	-	1,547.843	1	1.548
Veterinary Services ^(†)	2,906.913	1	2.907	361.856	1	0.362	469.465	1	0.469	866.609	1	0.867	-	-	-	866.609	1	0.867
Medical Evacuation ^(†)	9,124.008	1	9.124	196.708	1	0.197	6,387.500	1	6.388	-	-	-	-	-	-	-	-	-
Medical Treatment ^(†)	21,742.579	1	21.743	1,750.293	1	1.750	14,780.232	1	14.780	6,751.000	1	6.751	-	-	-	6,751.000	1	6.751
DLA SMS FEES	3,013.000	1	3.013	4,518.005	1	4.518	1,895.500	1	1.896	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,354.644</i>	-	-	<i>32.656</i>	-	-	<i>68.875</i>	-	-	<i>44.769</i>	-	-	-	-	-	<i>44.769</i>
Non Recurring Cost																		
CSI AMEDDS Hospital Program for Deployable Hospital Infrastructure	-	-	10.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSI Future Shelters support of the Hospital Centers	-	-	-	5,000.000	1	5.000	-	-	-	-	-	-	-	-	-	-	-	-
CSI Vet Mobile X-Ray	-	-	-	2,500.000	1	2.500	-	-	-	-	-	-	-	-	-	-	-	-
Reconstitute Field Hospital in ARCENT/ APS-5	-	-	-	-	-	-	-	-	-	9,969.000	1	9.969	-	-	-	9,969.000	1	9.969
Ukraine President Drawdown for APS-2 MES Sets	-	-	-	17,630.000	1	17.630	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	<i>10.000</i>	-	-	<i>25.130</i>	-	-	-	-	-	<i>9.969</i>	-	-	-	-	-	<i>9.969</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>1,364.644</i>	-	-	<i>57.786</i>	-	-	<i>68.875</i>	-	-	<i>54.738</i>	-	-	-	-	-	<i>54.738</i>
Gross/Weapon System Cost	124.910	-	1,364.642	39.150	-	57.786	113.466	-	68.874	25.167	-	54.738	-	-	-	25.167	-	54.738

Remarks:
For activities prior to FY 2022 this program (Line Item MB1100 - Field Medical Equipment Associated Support Items of Equipment (ASIOE)) supported the balance of CSM requirements and funding not included in Line Item G13010 - MEDEVAC MEP.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 40	P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical	Item Number / Title [DODIC]: MB1100 / FIELD MEDICAL EQUIPMENT - Medical ASIOE

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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For FY 2022 and beyond, MB1100 - Field Medical Equipment ASIOE includes requirements and funding for the balance of the six medical functions not covered under the Line Items Q10011 Medical Treatment and Q13015 Medical Evacuation. These include: hospitalization, veterinary services, medical laboratory services, medical logistics, dental, and preventive medicine as detailed within P-1 Descriptions and Justifications under Line Item 7500MN1000 - Combat Support Medical.

Field Medical Equipment ASIOE includes 195 medical equipment ASIOE and set LINS. For FY 2025, requirements within 81 LINS will be procured equating to 1,849 items across all Compos.

FY 2025 Base procurement dollars in the amount of \$6.430 million supports the procurement of 342 pieces of medical equipment and sets for Army's Multi-Domain Operations.

FY 2025 Base procurement dollars in the amount of \$38.339 million supports the procurement of 1,507 pieces of medical equipment and sets to maintain European rotational unit readiness to support the requirement for European Deterrence Initiative (EDI).

Additional funds have increased in our funding lines for MB1100 FY25. \$9.969 million of funds will be used to recoup the APS-5 Hospital Center Combat Loss. Replacement of this Hospital Center will fill and meet the ARCENT requirement. Combat loss was due to the evacuation in Afghanistan while under pressure (non-permissive environment).

Secondary Distribution reflect erroneous COMPO breakout.

Quantities should reflect BASE funding:

- COMPO 1: 271
- COMPO 2: 2
- COMPO 3: 69

Quantities should reflect BASE EDI funding:

- COMPO 1: 747
- COMPO 2: 704
- COMPO 3: 56

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	55.987	55.265	38.174	-	38.174
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	1.794	3.503	5.509	-	5.509
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	0.005	10.106	11.055	-	11.055
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	57.786	68.874	54.738	-	54.738

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 40			P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical					Item Number / Title [DODIC]: MB1100 / FIELD MEDICAL EQUIPMENT - Medical ASIOE				
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
Hospitalization		2022	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2021	Dec 2021	1	46,215.325	N		
Hospitalization		2023	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2022	Dec 2022	1	17,034.040	N		
Hospitalization		2024	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2023	Dec 2023	1	24,160.913	N		
Preventive Medicine		2022	Various / Various	Various	DLA, Philadelphia, PA	Oct 2021	Dec 2021	1	312.023	N		
Preventive Medicine		2023	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2022	Dec 2022	1	6,975.500	N		
Preventive Medicine		2024	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2023	Dec 2023	1	1,281.452	N		
Medical Logistics		2022	Various / Various	Various	DLA, Philadelphia, PA	Oct 2021	Dec 2021	1	19,827.246	N		
Medical Logistics		2023	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2022	Dec 2022	1	998.959	N		
Medical Logistics		2024	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2023	Dec 2023	1	2,977.141	N		
Dental Services		2022	Various / Various	Various	DLA, Philadelphia, PA	Oct 2021	Dec 2021	1	328.956	N		
Dental Services		2023	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2022	Dec 2022	1	376.166	N		
Dental Services		2024	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2023	Dec 2023	1	9,582.419	N		
Medical Lab		2022	Various / Various	Various	DLA, Philadelphia, PA	Oct 2021	Dec 2021	1	1,843.347	N		
Medical Lab		2023	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2022	Dec 2022	1	443.819	N		
Medical Lab		2024	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2023	Dec 2023	1	7,340.191	N		
Veterinary Services		2022	Various / Various	Various	DLA, Philadelphia, PA	Oct 2021	Dec 2021	1	2,906.913	N		

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 40			P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical				Item Number / Title [DODIC]: MB1100 / FIELD MEDICAL EQUIPMENT - Medical ASIOE				

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
Veterinary Services		2023	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2022	Dec 2022	1	361.856	N		
Veterinary Services		2024	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2023	Dec 2023	1	469.465	N		
Medical Evacuation		2022	Various / Various	Various	DLA, Philadelphia, PA	Oct 2021	Dec 2021	1	9,124.008	N		
Medical Evacuation		2023	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2022	Dec 2022	1	196.708	N		
Medical Evacuation		2024	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2023	Dec 2023	1	6,387.500	N		
Medical Treatment		2022	Various / Various	Various	DLA, Philadelphia, PA	Oct 2021	Dec 2021	1	21,742.579	N		
Medical Treatment		2023	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2022	Dec 2022	1	1,750.293	N		
Medical Treatment		2024	Various / Various	Various	DLA, Philadelphia, PA/USAMRAA, Ft. Detrick, MD	Oct 2023	Dec 2023	1	14,780.232	N		

Remarks:
Equipment is Commercial Products / Government Off the Shelf (GOTS), therefore is ordered on an as needed basis to manage program most effectively.

Flyaway costs include the DLA surcharge. The DLA surcharge is the DLA Cost recovery Rate for SMS, 41.5%, which includes cost to set up/manage contracts, shipping, handling for each item, and any inventory costs. (Latest estimate from DLA Troop Support.) The Cost Recovery Rate (CRR) is the amount added to the cost of an item to recover costs associated with purchasing and selling supplies to the customer. These costs include operating costs such as payroll, shipping, storage, accounting, and cataloging as well as recovery or return of prior year operating results and any necessary capital or cash surcharges.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 40	P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical	Item Number / Title [DODIC]: Q10011 / MEDICAL TREATMENT

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	5.461	10.841	10.337	15.428	-	15.428
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	5.461	10.841	10.337	15.428	-	15.428
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	5.461	10.841	10.337	15.428	-	15.428

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	8.520	9.172	39.304	18.280	-	18.280

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
DLA SMS Fees	1,195.212	1	1.195	2,499.000	1	2.499	1,209.000	1	1.209	-	-	-	-	-	-	-	-	-
MEDICAL TREATMENT	4,266.045	1	4.266	8,342.000	1	8.342	9,127.816	1	9.128	15,428.000	1	15.428	-	-	-	15,428.000	1	15.428
<i>Subtotal: Recurring Cost</i>	-	-	<i>5.461</i>	-	-	<i>10.841</i>	-	-	<i>10.337</i>	-	-	<i>15.428</i>	-	-	-	-	-	<i>15.428</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>5.461</i>	-	-	<i>10.841</i>	-	-	<i>10.337</i>	-	-	<i>15.428</i>	-	-	-	-	-	<i>15.428</i>
Gross/Weapon System Cost	8.520	-	5.461	9.172	-	10.841	39.304	-	10.337	18.280	-	15.428	-	-	-	18.280	-	15.428

Remarks:

Prior to FY 2022, requirements and funding for Line Item Q10011 - Medical Treatment was included within Line Item MB1100 - Field Medical Equipment ASIOE. Starting in FY 2022, requirements and funding for this functional area are included within this Line Item.

Medical treatment in the field allows for Soldiers to return-to-duty; who can be treated on-site or for stabilization and evacuation requiring definitive, recovery and rehabilitative care in stateside hospitals or other safe haven. Medical treatment occurs in all areas of the battlefield, from care under fire (point of injury) to Battalion Aid Stations, Forward Resuscitative and Surgical Detachments/Teams to Hospital Centers/Field Hospitals, evacuation, and everywhere in between. At the point of injury, a medical provider in the field may only have basic training background and tools to diagnose and treat their patient. With mobility and capability in mind, the Army looks to field smaller, lighter, more clinically capable equipment and supplies to help provide the best patient care in these limited environments. At points of care with more resources, size and weight may not be as critical of a factor to consider. Devices with increased diagnostic or treatment capability help providers to enhance care for patients with traumatic brain injury, hemorrhage, or other life-threatening conditions.

Examples of devices procured within the medical treatment functional area include patient vital signs monitors, infusion pumps, fluid warming systems, tourniquets, ultrasound, and x-ray which are standard and essential for medical treatment of a wide array of conditions. Medical Equipment Sets (MES) used for return-to-duty patients who can be treated on-site with holistic health and fitness capabilities include, but are not limited to the Physical Therapy MES, the Occupational Therapy MES and the Dietitian MES. Depending on their size, weight, and capability, these can be found at all roles of care throughout the battlefield.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 40	P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical	Item Number / Title [DODIC]: Q10011 / MEDICAL TREATMENT
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Highly capable medical Units possess a full complement of the latest medical tools to quickly treat patients on the battlefield. The procurement focus will be on total Army authorization growth, modernizing high priority units, and fulfilling current shortages. The equipment and supplies procured are predominantly commercial items configured for military use and packaged into various medical sets, kits, or outfits (SKOs). Each SKO is unique and designed based on the location in the battlefield, the type of treatment that will be required, and the skill level of the person providing treatment. The SKOs are actively managed and modernized to ensure the Warfighter is receiving the standard of care on the battlefield enabling their return to duty and/or home station. These are procured from small, medium and large businesses located across the United States and are then fielded to active duty Army, Army Reserves, National Guard and Army Pre-Positioned Stock.

Medical Treatment includes 34 medical equipment ASIOE and set LINs. For FY 2025, requirements within 8 LINs will be procured equating to 446 items.

FY 2025 Base procurement dollars in the amount of \$15.428 million supports the procurement of 446 pieces of medical equipment and sets for Army's Multi-Domain Operations.

We will not be receiving any FY 2025 Base European Deterrence Initiative (BEDI) procurement dollars.

Secondary Distribution reflect erroneous COMPO breakout.

Quantities should reflect BASE funding:

- COMPO 1: 24
- COMPO 2: 180
- COMPO 3: 242

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	10.735	10.337	9.647	-	9.647
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	0.106	-	3.415	-	3.415
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	2.366	-	2.366
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	10.841	10.337	15.428	-	15.428

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 40	P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical	Item Number / Title [DODIC]: Q13015 / MEDICAL EVACUATION

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	12.569	32.164	7.618	1.991	-	1.991
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	12.569	32.164	7.618	1.991	-	1.991
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	12.569	32.164	7.618	1.991	-	1.991

(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)	79.551	20.845	846.444	38.288	-	38.288

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Medical Evacuation	4,934.523	1	4.935	30,189.000	1	30.189	7,559.292	1	7.559	1,991.000	1	1.991	-	-	-	1,991.000	1	1.991
MEDEVAC MEP	7,633.952	1	7.634	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DLA SMS Fees	-	-	-	1,975.000	1	1.975	59.000	1	0.059	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>12.568</i>	-	-	<i>32.164</i>	-	-	<i>7.618</i>	-	-	<i>1.991</i>	-	-	-	-	-	<i>1.991</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>12.568</i>	-	-	<i>32.164</i>	-	-	<i>7.618</i>	-	-	<i>1.991</i>	-	-	-	-	-	<i>1.991</i>
Gross/Weapon System Cost	79.551	-	12.569	20.845	-	32.164	846.444	-	7.618	38.288	-	1.991	-	-	-	38.288	-	1.991

Remarks:

Prior to FY 2022, requirements and funding for Line Item Q13015 - Medical Evacuation was included within Line Items Line Item MB1100 - Field Medical Equipment ASIOE and within the G13010 - MEDEVAC MEP. Beginning in FY 2022, requirements and funding for this functional area are included within this Line Item.

The Medical Evacuation Program provides equipment to ground and air medical evacuation units to move casualties from point of injury, company aid posts, or casualty/patient collection points to medical treatment facilities in an operational environment. Medical evacuation units use ground and air ambulances outfitted with medical mission equipment to locate wounded and ill Warfighters, perform triage, document patient contacts, move patients, provide stabilization and life-saving treatment. Units provide intra-theater situational awareness of patient and medical evacuation asset status and rapid response for the emergency movement of medical personnel and emergency delivery of whole blood, biological, and medical supplies and equipment.

Highly capable medical evacuation Units possess a full complement of the latest medical tools to quickly locate, treat and evacuate patients and move critical medical personnel and supplies as necessary on the battlefield. Medical evacuation assets are critical to clearing the battlefield of patients and allowing commanders to achieve maximum agility and minimize forward logistical burden of holding patients. The equipment and supplies procured are predominantly commercial items configured for military use (in some cases) and many are packaged into various medical Sets, Kits, or Outfits (SKOs). Each SKO is unique and designed based on the location in the battlefield, the type of treatment required, and the skill level of the person providing treatment. The SKOs are actively managed and modernized to ensure the Warfighter

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 40	P-1 Line Item Number / Title: 7500MN1000 / Combat Support Medical	Item Number / Title [DODIC]: Q13015 / MEDICAL EVACUATION

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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is receiving the standard of care on the battlefield enabling their return to duty and/or home station. These are procured from small, medium and large businesses located across the United States and then subsequently fielded to active duty Army, Army Reserves, National Guard and Army Pre-Positioned Stock.

Medical Evacuation includes 5 medical equipment ASIOE and set LINs. For FY 2025, requirements within 6 LINs will be procured equating to 26 items.

FY 2025 Base procurement dollars in the amount of \$1.991 million supports the procurement of 26 pieces of medical equipment and sets for Army's Multi-Domain Operations.

We will not be receiving any FY 2025 Base European Deterrence Initiative (BEDI) procurement dollars.

Secondary Distribution reflect erroneous COMPO breakout.

Quantities should reflect BASE funding:

- COMPO 1: 0
- COMPO 2: 26
- COMPO 3: 0

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	27.264	7.618	0.006	-	0.006
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	2.399	-	1.985	-	1.985
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	2.501	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	32.164	7.618	1.991	-	1.991

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 45: Maintenance Equipment	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	742	284	64	123	-	123	425	483	540	561	-	3,222
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,493.593	176.545	17.287	26.271	-	26.271	64.919	96.627	115.803	123.719	-	2,114.764
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,493.593	176.545	17.287	26.271	-	26.271	64.919	96.627	115.803	123.719	-	2,114.764
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,493.593	176.545	17.287	26.271	-	26.271	64.919	96.627	115.803	123.719	-	2,114.764

(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>)	2,012.929	621.637	270.109	213.585	-	213.585	152.751	200.056	214.450	220.533	-	656.351

Description:

The Mobile Maintenance Equipment Systems (MMES) enables readiness of combat and combat support systems through a system of systems approach to provide two-level maintenance capability to the Warfighter. The MMES significantly increases the capability of forward maintenance units to conduct necessary battlefield repairs supporting Soldier Lethality, Next Generation Combat Vehicle (NGCV) and Long Range Precision Fires (LRPF), as well as, addressing Gaps 10 and 17. Two-level maintenance is critical to the operation and readiness of current and next generation combat vehicles. Eight inter-connected maintenance systems distributed throughout the Army at multiple levels and echelons provide a holistic repair capability in all environments. This approach meets the Army's two-level maintenance philosophy and supports the current force while also providing modular configurations to meet the specific needs of the Army maintainer in today's transforming environment. The MMES family of systems includes Metal Working and Machining Shop Set (MWMSS), Fire Suppression Refill System (FSRS), Armament Repair Shop Set (ARSS), Hydraulic Systems Test and Repair Unit, Next Generation Shop Equipment Welding (NG SEW), Next Generation Shop Equipment Contact Maintenance (NG SECM), Forward Repair System (FRS), Standard Automotive Tool Set (SATS), and Refrigeration Tool Kit (RTK). The Resource Summary prior year dollar/quantity reflects active programs and does not include inactive programs that were funded under MMES.

The Metal Working and Machining Shop Set (MWMSS) containerizes and consolidates numerous metal working capabilities into one expeditionary system for the Allied Trades Military Occupational Specialty (MOS) 91E and 914 Warrant Officers. The MWMSS impacts three HIGH RISK gaps enabling rapid repair at the point-of-contact through fabrication using additive (3D printers) and subtractive manufacturing capabilities supporting Soldier Lethality, NGCV and LRPF, as well as, addressing Gaps 10 and 17. The MWMSS provides 75% of Brigade Combat Team (BCT) metal working fabrication capability to support ALL combat platforms and 100% of Additive Manufacturing (AM) capability in BCT formations. The MWMSS provides a far forward capability to fabricate and develop repair parts enabling Battle Damage Assessment and Repair (BDAR) options during combat operations. The MWMSS provides commanders real-time, on-demand fabrication and repairs to equipment, components, and parts by fabricating, cutting, welding, and machining. The MWMSS assembles and packages a tool load configuration to replace multiple obsolete Line Item Numbers (LINs) without losing any capability while reducing the logistics footprint. The MWMSS consists of a Type I and Type II shelter. Type I contains a Computer Numeric Controlled (CNC) Lathe, Mill Drill, Multi-Process Welding, Thermal Cutting equipment, Air-Arc Gouging, air compressor, Mobile Electric Power (MEP) generator for shop power, Environmental Control Unit (ECU), and an assortment of hand/air tools. Type II augments Type I and contains a CNC Milling Machine, Plasma table, additive manufacturing, ECU, and an assortment of hand/air tools. The MWMSS is transportable by standard ground Pallatized Load Handling System/Load Handling System (PLS/LHS), air (C-130), rail and sea assets. Advanced manufacturing is necessary to support a Contested Logistics environment and sustainment for distributed operations. MWMSS is being produced organically by the Joint Manufacturing Technology Center in Rock Island, IL. Army Acquisition Objective (AAO) of MWMSS is 282 Type I and 164 Type II.

The Fire Suppression Refill System (FSRS) fills a gap in the Army as the only deployable refill system able to produce Nitrogen and refill all combat platform Fire Suppression and Nitrogen bottles, supporting Gaps 10 & 17. The FSRS supports combat systems (Abrams, Joint Lightweight Tactical Vehicle (JLTV), Stryker, Ground Mobility Vehicle (GMV), Night Vision Device (NVD), and Paladin). Comprised of a modular, flexible, standardized fire suppression refill station consisting of a transportable ISO 8x8x20 container with an integrated Environmental Control Unit (ECU). The FSRS is an integrated unit equipped for safe

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 45: Maintenance Equipment		P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems
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		
<p>performance of refilling fire suppression bottles and systems. The FSRs consists of an enclosure containing the tools and equipment needed to fulfill the required refill tasks and a trailer for transportation. These systems include both man portable systems as well as the fire suppression systems that can be found in military vehicles. The FSRs operates in every Support Maintenance Company (SMC) and Field Maintenance Company (FMC), Ground Support Sections. FSRs is a Forward Capability on the Battlefield located at the Point of Contact. The FSRs is deployed and employed in all geographical locations and environments where the U.S. Army operates. FSRs is being produced organically by the Joint Manufacturing Technology Center in Rock Island, IL. Army Acquisition Objective (AAO) of FSRs is 149 systems.</p> <p>The Armament Repair Shop Set (ARSS) is a modular, flexible, standardized maintenance shop set that replaces numerous types of field and sustainment-level shop sets. It is a mobile system capable of deploying to and operating in austere areas on the battlefield. The ARSS dramatically increases the Army's ability to execute maintenance and forward repair on all weapons and armament systems from Small Arms to towed artillery and howitzers, and directly supporting Soldier Lethality, NGCV and LRPF, as well as, addressing Gaps 10 and 17. The ARSS provides professional-grade tools with life-time warranties and the newest technology, such as the Digital Borescope/Gun Bore Camera, that allows the maintainer to inspect, document, and gauge the inside surfaces of mortar and cannon tubes, reducing gauging time and micrometer mistakes. The ARSS significantly improves on-site maintenance capability with increased proficiency and deployability. By providing on-system maintenance repairs to weapon systems and/or components as far forward as possible on the battlefield, ARSS enables major combat systems to quickly return to the fight. The ARSS consolidates four Line Item Numbers (LINs) to one results in a reduction from four tactical vehicles required to transport the individual shop sets to just one tactical vehicle to transport the ARSS. In addition, the ARSS eliminates a 51% tool redundancy across the previous four armament shop sets while reducing 43% of the armament repair tools in the field. This consolidation and elimination of redundancy reduces the Army's logistical footprint and provides an overall cost savings. The ARSS is fielded to the Infantry Brigade Combat Teams (IBCTs), Armored Brigade Combat Teams (ABCTs), Stryker Brigade Combat Teams (SBCTs), Support Maintenance Companies (SMCs), Component Repair Companies (CRCs), and Forward Support Companies (FSCs). ARSS is being produced organically by the Tobyhanna Army Depot, in Pennsylvania. AAO of ARSS is 1,042 (ARSS I AAO of 164. ARSS II AAO of 878).</p> <p>The Next Generation Shop Equipment Welding Trailer (NG SEW) provides a full spectrum of welding capabilities throughout the battlefield, allowing repairs to be performed in all weather, climatic and light conditions. Metal Inert Gas (MIG) welding, and plasma cutting supporting Gaps 10 & 17. The NG SEW supports all combat systems. The NG SEW units provides the Army with rapidly deployable welding and maintenance capabilities to be used and operated in harsh environments, which are capable of battle damage repair. The system is an integrated unit, using custom cabinets to house and secure the system equipment. The equipment consists of all the major welding processes, including: Shielded Metal Arc Welding (SMAW), commonly referred to as Stick Welding; Gas Metal Arc Welding (GMAW), commonly referred to as Metal Inert Gas (MIG); Gas Tungsten Arc Welding (GTAW), commonly referred to as Tungsten Inert Gas (TIG); Flux Cored Arc Welding (FCAW); and Gas Welding with oxygen and acetylene. The NG SEW's metal cutting processes include: The angle grinder, reciprocating saw, hack saw, oxygen, acetylene, and plasma. The NG SEW is suitable for rapid deployment, employment, and re-deployment, with minimal preparation, and is able to operate in unimproved areas and all applicable environmental conditions. The NG SEW is suitable for towing by the Army's family of light medium tactical vehicles (FMTV). The NG SEW unit receives electrical power from a 15 kW Army Standard generator, and it powers the electrical equipment while in operational mode. NG SEW is being produced organically by the Joint Manufacturing Technology Center (JMTC) in Rock Island, IL. Approved Acquisition Objective (AAO) is 547.</p> <p>The Next Generation Shop Equipment Contact Maintenance (NG SECM) is a fabricated enclosure mounted on a High Mobility Multipurpose Wheeled Vehicle (HMMWV) with 2 trained maintainers that conducts immediate field maintenance. The NG SECM is a first responder to battle/Improvised Explosive Device damaged tracked, wheeled, and ground support equipment and provides immediate field level maintenance. The NG SECM's mobility, agility, and maintenance capability is a combat maintenance multiplier by getting equipment back into the fight as far forward as possible and contains required common tools and compressed air to enable maintainers the ability to provide on-site maintenance forward, freeing up recovery assets. NG SECM supports Army Gaps #10 (Tactical and Sustainment Mobility), Gap #17 (Div Materiel or Higher Echelon Main). NG SECM provides rapid maintenance on the battlefield at the point of need in LSCO and Contested Logistics environments. The NG SECM production contract is awarded to AM General. JMTC is the sub contractor to AM General for the SECM build and integration. NG SECM is being produced organically by the Joint Manufacturing Technology Center in Rock Island, IL. Approved Acquisition Objective (AAO) is 3797.</p> <p>The Refrigeration Tool Kit (RTK) Base is an assemblage of Commercial Off The Shelf (COTS) hand tools and refrigeration equipment configured in tool chests that are transportable by owning unit's organic vehicles or other transportation assets. The RTK Base provides a unit with consolidated, standardized tools needed to meet the refrigeration maintenance mission. The RTK Base provides the newest technology in refrigeration, to include the capability to determine different types of refrigerants and identify contaminated refrigerants. The RTK Base fills capability gaps recently identified with the Military Occupational Specialty 91C, Utilities Equipment Repairer. These kits provide the 91C Soldiers all the tools and equipment required to test, maintain and repair every Environmental Control Unit (ECU) on and off the battlefield. The 91C, primary user of the RTK Base, currently supports over 236 Line Item Numbers (LINs) containing various types of refrigerants. Proper functioning ECU's are a critical component in Combat Vehicles and are essential to Command and Control units operating in varying climatic conditions. Proper functioning ECUs also facilitate hospital/medical activities such as laboratory operations, blood banks, aiding mortuary affairs, safe transportation and storage of perishable foods; providing environmentally-controlled conditions for Soldiers: Signal/Command and control equipment and humanitarian support, disaster relief and</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 45: Maintenance Equipment	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

homeland security deployments. The RTK Base operates in all mission profiles of virtually every Army unit and is deployed and employed in all geographical locations and environments where the Army operates. It equips our forces with the most current and accurate tools to complete their mission while performing maintenance on new and legacy Army equipment. Lastly, the RTK Base is a system that directly influences the Army's ability to meet the regulatory requirements of the Environmental Protection Agency (EPA) and the Clean Air Act. It directly supports the American Innovations and Manufacturing (AIM) Act's objectives focused on the phase down and management of Hydrofluorocarbons (HFCs) and their substitutes while facilitating the transition to next generation technologies. Specifically, RTK Base provides for the safe testing, capture, storing, recovery, reclamation, disposal and substitutions of regulated refrigerants in ground based military equipment by trained individuals. Section 103 of AIM regarding HFCs further defines its relationship to the Clean Air Act. RTK Base - Army Acquisition Objective (AAO) is 3310.

The Forward Repair System (FRS) is a highly Mobile Maintenance Shop (MMS) mounted to a flat rack transported by a standard Palletized Load System (PLS). The FRS provides Organizational and Direct Support Level Maintenance and Repair of Combat Systems in the Forward Battle Area. The FRS's capabilities include: 5.5 ton capacity crane for lifting engines/power packs and other major assemblies; oxyacetylene, pneumatic power and industrial quality hand tools; a 175-PSI air compressor; and a 30KW power source to provide power for the crane, electric power tools, and on-board ancillary equipment. The FRS AAO is 2,197.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	139	17	40	-	40	176	202	253	208
	Total Obligation Authority	113.263	2.897	8.797	-	8.797	26.797	36.593	50.754	38.211
ANG	Quantity	133	36	58	-	58	157	202	215	269
	Total Obligation Authority	58.115	12.130	14.907	-	14.907	26.036	49.214	52.991	75.366
AR	Quantity	12	11	25	-	25	92	79	72	84
	Total Obligation Authority	5.167	2.260	2.567	-	2.567	12.086	10.820	12.058	10.142
Total:	Quantity	284	64	123	-	123	425	483	540	561
Secondary Distribution	Total Obligation Authority	176.545	17.287	26.271	-	26.271	64.919	96.627	115.803	123.719

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army	Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 45: Maintenance Equipment	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems

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

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	G05315 / METAL WORKING AND MACHING SHOP SET (MWMSS)	P-5a	A		50 / 107.230	0 / -	10 / 7.128	5 / 4.925	- / -	5 / 4.925
P-5	G05320 / FIRE SUPPRESSION REFILL SYSTEM (FSRS)	P-5a, P-21	A		17 / 42.157	10 / 3.936	9 / 3.849	26 / 9.768	- / -	26 / 9.768
P-5	G05330 / ARMAMENT REPAIR SHOP SET (ARSS)	P-5a	A		87 / 125.825	0 / -	11 / 5.190	9 / 5.705	- / -	9 / 5.705
P-5	M61500 / Shop Equipment, Contact Maintenance (SECM)	P-5a	A		588 / 983.233	274 / 172.609	- / -	- / -	- / -	- / -
P-5	M62700 / Shop Equipment, Welding (SEW)	P-5a	A		- / 235.148	- / -	- / -	14 / 3.086	- / -	14 / 3.086
P-5	M62811 / REFRIGERATION TOOL KIT (RTK)	P-5a			- / -	- / -	34 / 1.120	69 / 2.787	- / -	69 / 2.787
P-40	Total Gross/Weapon System Cost				742 / 1,493.593	284 / 176.545	64 / 17.287	123 / 26.271	- / -	123 / 26.271

*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:
 The Mobile Maintenance Equipment Systems are critical maintenance multipliers for combat equipment that mobilizes mechanics and maintenance equipment to repair damaged light, medium, and heavy Combat and Combat Support systems in the Brigade Combat Teams (BCTs) and Combat Aviation Brigades (CABs) as close to the front lines as is safely possible. The MMES significantly increases the capability of forward maintenance units to conduct necessary battlefield repairs supporting Soldier Lethality, NGCV and LRPF, as well as, addressing GAPs 10 and 17. With the MMES, systems and Soldiers do not have to wait for recovery vehicles to arrive and remove the system from the battlefield, thus reducing risk to the soldiers and equipment.

FY 2025 Base funding procures the following:

Metal Working and Machining Shop Set (MWMSS): FY 2025 Base procurement dollars in the amount of \$4.925 million will fund 4 MWMSS Type I Systems and 1 MWMSS Type II Systems and program support costs. The MWMSS provides commanders real-time, on-demand fabrication and repairs to equipment, components, and parts by fabricating, cutting, welding, and machining.

Fire Suppression Refill System (FSRS): FY 2025 Base procurement dollars in the amount of \$9.768 million will fund 26 FSRS, program support, transportation, and fielding costs to support Base requirements and will be fielded to Armored Brigade Combat Teams (ABCTs) and Stryker Brigade Combat Teams (SBCTs), and Support Maintenance Companies (SMC).

Armament Repair Shop Set (ARSS): FY 2025 Base procurement dollars in the amount of \$5.705 million supports the procurement of 9 ARSS, program support, transportation, and fielding costs to support Base requirements.

Next Generation Shop Equipment Welding Trailer (NG SEW): FY 2025 Base procurement dollars in the amount of \$3.086 million supports the procurement of 14 NG SEW, all required support equipment, data, fielding, training, transportation and program support costs.

Next Generation Shop Equipment, Contact Maintenance (NG SECM): G05301/M61500000 has no FY 2025 funding request.

Refrigeration Tool Kit (RTK) Base: FY 2025 Base procurement dollars in the amount of \$2.787 million supports the procurement of 69 RTK Base kits, program support, transportation, and fielding costs to support Base requirements.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 45: Maintenance Equipment		P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems
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		
In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), these items are 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.		
Note: The FY 2023 actuals for M61500000 NG SECM base include \$52.608 million emergency supplemental funding to support the procurement of 250 replacement HMMWV systems transferred to Ukraine in support of the international effort to counter Russian aggression. FY 2023 M61500000 NG SECM procured a total of 524 HMMWV systems. The P40 quantity is incorrect. The P5 provides the correct quantities.		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: G05315 / METAL WORKING AND MACHING SHOP SET (MWMSS)

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			50	0	10	5	-	5
Gross/Weapon System Cost (\$ in Millions)			107.230	-	7.128	4.925	-	4.925
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			107.230	-	7.128	4.925	-	4.925
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			107.230	-	7.128	4.925	-	4.925
<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)			2,144.600	-	712.800	985.000	-	985.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
SEPM	-	-	0.283	-	-	-	-	-	-	-	-	1.037	-	-	-	-	-	1.037
Engineering Support	-	-	2.169	-	-	-	-	-	0.119	-	-	-	-	-	-	-	-	-
Quality Assurance Support	-	-	2.203	-	-	-	-	-	0.115	-	-	-	-	-	-	-	-	-
Transportation	-	-	1.443	-	-	-	-	-	0.040	-	-	0.040	-	-	-	-	-	0.040
<i>Subtotal: Non Recurring Cost</i>	-	-	<i>6.098</i>	-	-	-	-	-	<i>0.274</i>	-	-	<i>1.077</i>	-	-	-	-	-	<i>1.077</i>
Subtotal: Flyaway Cost	-	-	6.098	-	-	-	-	-	0.274	-	-	1.077	-	-	-	-	-	1.077
Hardware Cost																		
Recurring Cost																		
Metal Working Machining Shop Set Type I ^(†)	415.240	125	51.905	-	-	-	578.000	9	5.202	614.000	4	2.456	-	-	-	614.000	4	2.456
Metal Working Machining Shop Set Type II ^(†)	324.970	101	32.822	-	-	-	480.000	1	0.480	511.000	1	0.511	-	-	-	511.000	1	0.511
<i>Subtotal: Recurring Cost</i>	-	-	<i>84.727</i>	-	-	-	-	-	<i>5.682</i>	-	-	<i>2.967</i>	-	-	-	-	-	<i>2.967</i>
Non Recurring Cost																		
Engineer Change Proposal	-	-	1.669	-	-	-	-	-	0.357	-	-	0.100	-	-	-	-	-	0.100

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45						P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems						Item Number / Title [DODIC]: G05315 / METAL WORKING AND MACHING SHOP SET (MWMSS)					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Non Recurring Cost</i>	-	-	1.669	-	-	-	-	-	0.357	-	-	0.100	-	-	-	-	-	0.100
<i>Subtotal: Hardware Cost</i>	-	-	86.396	-	-	-	-	-	6.039	-	-	3.067	-	-	-	-	-	3.067
Package Fielding Cost																		
Non Recurring Cost																		
Fielding Support	-	-	4.205	-	-	-	-	-	0.578	-	-	0.736	-	-	-	-	-	0.736
<i>Subtotal: Non Recurring Cost</i>	-	-	4.205	-	-	-	-	-	0.578	-	-	0.736	-	-	-	-	-	0.736
<i>Subtotal: Package Fielding Cost</i>	-	-	4.205	-	-	-	-	-	0.578	-	-	0.736	-	-	-	-	-	0.736
Logistics Cost																		
Recurring Cost																		
Log support	-	-	1.358	-	-	-	-	-	0.125	-	-	0.037	-	-	-	-	-	0.037
<i>Subtotal: Recurring Cost</i>	-	-	1.358	-	-	-	-	-	0.125	-	-	0.037	-	-	-	-	-	0.037
Non Recurring Cost																		
Tech Manuals	-	-	1.284	-	-	-	-	-	0.065	-	-	0.008	-	-	-	-	-	0.008
<i>Subtotal: Non Recurring Cost</i>	-	-	1.284	-	-	-	-	-	0.065	-	-	0.008	-	-	-	-	-	0.008
<i>Subtotal: Logistics Cost</i>	-	-	2.642	-	-	-	-	-	0.190	-	-	0.045	-	-	-	-	-	0.045
Support - Program Management Cost																		
Government Management	-	-	7.889	-	-	-	-	-	0.047	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	7.889	-	-	-	-	-	0.047	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	2,144.600	50	107.230	-	0	-	712.800	10	7.128	985.000	5	4.925	-	-	-	985.000	5	4.925

Remarks:
The Gross Weapons System Unit price increase from FY24 to FY25 due to fewer quantities being procured as compared to prior years, reducing economic efficiencies.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	1	3	-	3
	Total Obligation Authority	-	0.708	2.917	-	2.917
ANG	Quantity	-	8	1	-	1
	Total Obligation Authority	-	5.712	1.004	-	1.004

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: G05315 / METAL WORKING AND MACHING SHOP SET (MWMSS)

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
AR	Quantity	-	1	1	-	1
	Total Obligation Authority	-	0.708	1.004	-	1.004
Total: Secondary Distribution	Quantity	0	10	5	-	5
	Total Obligation Authority	-	7.128	4.925	-	4.925

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: G05315 / METAL WORKING AND MACHING SHOP SET (MWMSS)
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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
Metal Working Machining Shop Set Type I		2024	JMTC / Rock Island	MIPR	JMTC, Rock Island IL	Nov 2023	Aug 2024	9	578.000	Y		
Metal Working Machining Shop Set Type I		2025	JMTC / Rock Island	MIPR	JMTC, Rock Island	Jan 2025	Jul 2025	4	614.000	N		
Metal Working Machining Shop Set Type II		2024	JMTC / Rock Island	MIPR	JMTC, Rock Island IL	Nov 2023	Sep 2024	1	480.000	Y		
Metal Working Machining Shop Set Type II		2025	JMTC / Rock Island	MIPR	JMTC, Rock Island, IL	Jan 2025	Jul 2025	1	511.000	N		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: G05320 / FIRE SUPPRESSION REFILL SYSTEM (FSRS)

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				17	10	9	26	-	26
Gross/Weapon System Cost (\$ in Millions)				42.157	3.936	3.849	9.768	-	9.768
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				42.157	3.936	3.849	9.768	-	9.768
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				42.157	3.936	3.849	9.768	-	9.768
<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)				2,479.824	393.600	427.667	375.692	-	375.692

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Transportation	-	-	-	-	-	-	-	-	0.153	-	-	-	-	-	-	-	-	-
Tech Manual	-	-	-	-	-	-	-	-	0.007	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	0.160	-	-	-	-	-	-	-	-	-
Non Recurring Cost																		
Transportation - FDT	-	-	0.439	-	-	0.109	-	-	-	-	-	0.130	-	-	-	-	-	0.130
Systems Engineering/ Program Management	-	-	0.877	-	-	0.240	-	-	-	-	-	0.720	-	-	-	-	-	0.720
Delta of program funding	-	-	14.592	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	15.908	-	-	0.349	-	-	-	-	-	0.850	-	-	-	-	-	0.850
Subtotal: Flyaway Cost	-	-	15.908	-	-	0.349	-	-	0.160	-	-	0.850	-	-	-	-	-	0.850
Hardware Cost																		
Recurring Cost																		
Fire Suppression Refill System ^(†)	294.734	79	23.284	321.200	10	3.212	326.222	9	2.936	320.346	26	8.329	-	-	-	320.346	26	8.329
Subtotal: Recurring Cost	-	-	23.284	-	-	3.212	-	-	2.936	-	-	8.329	-	-	-	-	-	8.329
Subtotal: Hardware Cost	-	-	23.284	-	-	3.212	-	-	2.936	-	-	8.329	-	-	-	-	-	8.329
Package Fielding Cost																		
Non Recurring Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45						P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems						Item Number / Title [DODIC]: G05320 / FIRE SUPPRESSION REFILL SYSTEM (FSRS)					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
New Equipment Training	-	-	1.340	-	-	0.370	-	-	-	-	-	0.548	-	-	-	-	-	0.548
Integrated Logistics Support	-	-	0.548	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	1.888	-	-	0.370	-	-	-	-	-	0.548	-	-	-	-	-	0.548
<i>Subtotal: Package Fielding Cost</i>	-	-	1.888	-	-	0.370	-	-	-	-	-	0.548	-	-	-	-	-	0.548
Logistics Cost																		
Recurring Cost																		
Data	-	-	1.063	-	-	-	-	-	-	-	-	0.038	-	-	-	-	-	0.038
<i>Subtotal: Recurring Cost</i>	-	-	1.063	-	-	-	-	-	-	-	-	0.038	-	-	-	-	-	0.038
Non Recurring Cost																		
Technical Manuals	-	-	0.014	-	-	0.005	-	-	-	-	-	0.003	-	-	-	-	-	0.003
<i>Subtotal: Non Recurring Cost</i>	-	-	0.014	-	-	0.005	-	-	-	-	-	0.003	-	-	-	-	-	0.003
<i>Subtotal: Logistics Cost</i>	-	-	1.077	-	-	0.005	-	-	-	-	-	0.041	-	-	-	-	-	0.041
Support - Fielding Cost																		
Fielding	-	-	-	-	-	-	-	-	0.302	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Fielding Cost</i>	-	-	-	-	-	-	-	-	0.302	-	-	-	-	-	-	-	-	-
Support - Logistics Cost																		
Integrated Logistics Support	-	-	-	-	-	-	-	-	0.041	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Logistics Cost</i>	-	-	-	-	-	-	-	-	0.041	-	-	-	-	-	-	-	-	-
Support - Production Engineering Cost																		
Production Engineering	-	-	-	-	-	-	-	-	0.059	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Production Engineering Cost</i>	-	-	-	-	-	-	-	-	0.059	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Government Management	-	-	-	-	-	-	-	-	0.351	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	-	-	-	0.351	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	2,479.824	17	42.157	393.600	10	3.936	427.667	9	3.849	375.692	26	9.768	-	-	-	375.692	26	9.768

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: G05320 / FIRE SUPPRESSION REFILL SYSTEM (FSRS)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Remarks:
 Budget for cost elements remain constant throughout budget years on P-5. Duplication is result of streamlining cost element reporting.

Increase in SEPM from FY 2024 to FY 2025 due to funds being used for support in anticipation of program ending FY 2026.

Decrease in unit cost from FY 2024 to FY2025 due to economies of scale contract range pricing.

Prior year funding (through FY 2022) is \$27.557 million and quantity 79. P-form is over reporting by \$14.592 million.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	5	2	4	-	4
	Total Obligation Authority	1.968	0.850	1.503	-	1.503
ANG	Quantity	3	5	22	-	22
	Total Obligation Authority	1.181	2.149	8.265	-	8.265
AR	Quantity	2	2	-	-	-
	Total Obligation Authority	0.787	0.850	-	-	-
Total: Secondary Distribution	Quantity	10	9	26	-	26
	Total Obligation Authority	3.936	3.849	9.768	-	9.768

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45			P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems				Item Number / Title [DODIC]: G05320 / FIRE SUPPRESSION REFILL SYSTEM (FSRS)					
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
Fire Suppression Refill System ^(†)		2023	JMTC - Integration / Rock Island Arsenal, IL	MIPR	Rock Island Arsenal, IL	Nov 2022	Jun 2023	10	321.200	Y		
Fire Suppression Refill System ^(†)		2024	JMTC - Integration / Rock Island Arsenal, IL	MIPR	Rock Island Arsenal, IL	Nov 2023	Jun 2024	9	326.222	Y		
Fire Suppression Refill System ^(†)		2025	JMTC - Integration / Rock Island Arsenal, IL	MIPR	Rock Island Arsenal, IL	Nov 2024	Aug 2025	26	320.346	N		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45										P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems										Item Number / Title [DODIC]: G05320 / FIRE SUPPRESSION REFILL SYSTEM (FSRS)									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2023															Fiscal Year 2024															B A L A N C E		
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023															Calendar Year 2024															
							O C T	N O V	D E C	J A N	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							
Fire Suppression Refill System																																					
Prior Years Deliveries: 79																																					
1	2023	ARMY		10	0	10		A	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0			
1	2024	ARMY		9	0	9																												5			
1	2025	ARMY		26	0	26																												26			
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	A	M	J	J	A	S					
								C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	E	B	A	P	A	U	U	A	E	P				
								T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P						

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45										P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems										Item Number / Title [DODIC]: G05320 / FIRE SUPPRESSION REFILL SYSTEM (FSRS)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025														Fiscal Year 2026														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025														Calendar Year 2026														
							O C T	N O V	D E C	J A N	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					
Fire Suppression Refill System																																			
Prior Years Deliveries: 79																																			
1	2023	ARMY		10	10	0																													0
1	2024	ARMY		9	4	5	1	1	1	1	1																								0
1	2025	ARMY		26	0	26		A	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45		P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems
Item Number / Title [DODIC]: G05320 / FIRE SUPPRESSION REFILL SYSTEM (FSRS)		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	JMTC - Integration - Rock Island Arsenal, IL	1	10	15	0	1	7	8	0	2	9	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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: G05330 / ARMAMENT REPAIR SHOP SET (ARSS)

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)			87	0	11	9	-	9
Gross/Weapon System Cost (<i>\$ in Millions</i>)			125.825	-	5.190	5.705	-	5.705
Less PY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)			125.825	-	5.190	5.705	-	5.705
Plus CY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)			125.825	-	5.190	5.705	-	5.705
<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>)			1,446.264	-	471.818	633.889	-	633.889

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
First Destination Transportation	-	-	0.951	-	-	-	-	-	0.044	-	-	0.028	-	-	-	-	-	0.028
Systems Engineering/ Program Management (GOV)	-	-	4.969	-	-	-	-	-	0.350	-	-	0.739	-	-	-	-	-	0.739
<i>Subtotal: Non Recurring Cost</i>	-	-	5.920	-	-	-	-	-	0.394	-	-	0.767	-	-	-	-	-	0.767
<i>Subtotal: Flyaway Cost</i>	-	-	5.920	-	-	-	-	-	0.394	-	-	0.767	-	-	-	-	-	0.767
Hardware Cost																		
Recurring Cost																		
ARSS Hardware	438.581	155	67.980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARSS 2 Hardware ⁽¹⁾	549.046	87	47.767	-	-	-	396.818	11	4.365	511.556	9	4.604	-	-	-	511.556	9	4.604
<i>Subtotal: Recurring Cost</i>	-	-	115.747	-	-	-	-	-	4.365	-	-	4.604	-	-	-	-	-	4.604
<i>Subtotal: Hardware Cost</i>	-	-	115.747	-	-	-	-	-	4.365	-	-	4.604	-	-	-	-	-	4.604
Package Fielding Cost																		
Non Recurring Cost																		
New Equipment Training	-	-	1.778	-	-	-	-	-	0.274	-	-	0.159	-	-	-	-	-	0.159
<i>Subtotal: Non Recurring Cost</i>	-	-	1.778	-	-	-	-	-	0.274	-	-	0.159	-	-	-	-	-	0.159

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: G05330 / ARMAMENT REPAIR SHOP SET (ARSS)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Package Fielding Cost</i>	-	-	1.778	-	-	-	-	-	0.274	-	-	0.159	-	-	-	-	-	0.159
Logistics Cost																		
Recurring Cost																		
Data	-	-	2.380	-	-	-	-	-	0.158	-	-	0.175	-	-	-	-	-	0.175
<i>Subtotal: Recurring Cost</i>	-	-	2.380	-	-	-	-	-	0.158	-	-	0.175	-	-	-	-	-	0.175
<i>Subtotal: Logistics Cost</i>	-	-	2.380	-	-	-	-	-	0.158	-	-	0.175	-	-	-	-	-	0.175
Gross/Weapon System Cost	1,446.264	87	125.825	-	0	-	471.818	11	5.190	633.889	9	5.705	-	-	-	633.889	9	5.705

Remarks:

Prior year funding (FY 2014 - FY 2022) amount shown is incorrect. Actual funding in Prior Years was \$128.316 million, quantity 297 (ARSS V I \$76.400 million, quantity 155 / ARSS V II \$51.916 million, quantity 142). Prior year funded is under reported by \$2.491 million.

The Gross Weapon System Unit cost increase from FY 2024 to FY 2025 due to inflation of labor and material and fewer quantities being procured from prior years which reduces economic efficiencies.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	2	3	-	3
	Total Obligation Authority	-	0.944	1.902	-	1.902
ANG	Quantity	-	8	5	-	5
	Total Obligation Authority	-	3.775	3.169	-	3.169
AR	Quantity	-	1	1	-	1
	Total Obligation Authority	-	0.471	0.634	-	0.634
Total: Secondary Distribution	Quantity	0	11	9	-	9
	Total Obligation Authority	-	5.190	5.705	-	5.705

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45			P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems					Item Number / Title [DODIC]: G05330 / ARMAMENT REPAIR SHOP SET (ARSS)				
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
ARSS 2 Hardware		2024	Tobyhanna Army Depot / Tobyhanna	MIPR	TOBYHANNA ARMY DEPOT, PA	Mar 2024	Aug 2024	11	396.818	Y		
ARSS 2 Hardware		2025	Tobyhanna Army Depot / Tobyhanna	MIPR	TOBYHANNA ARMY DEPOT, PA	Mar 2025	Aug 2025	9	511.556	N		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: M61500 / Shop Equipment, Contact Maintenance (SECM)

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			588	274	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)			983.233	172.609	-	-	-	-
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			983.233	172.609	-	-	-	-
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			983.233	172.609	-	-	-	-
<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)			1,672.165	629.960	-	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Systems Engineering Program Management	-	-	657.819	-	-	9.716	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportation	-	-	2.034	-	-	2.775	-	-	-	-	-	-	-	-	-	-	-	-
Storage	-	-	7.588	-	-	2.100	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	<i>667.441</i>	-	-	<i>14.591</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	<i>667.441</i>	-	-	<i>14.591</i>	-	-	-	-	-	-	-	-	-	-	-	-
Hardware Cost																		
Recurring Cost																		
Next Gen Shop Equipment Contact Maintenance (Chassis + Shelter) plus integration ^(†)	192.494	836	160.925	188.248	274	51.580	-	-	-	-	-	-	-	-	-	-	-	-
Next Gen Shop Equipment Contact Maintenance (HMMWV Vehicle only) ^(†)	183.578	836	153.471	200.269	524	104.941	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>314.396</i>	-	-	<i>156.521</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	<i>314.396</i>	-	-	<i>156.521</i>	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: M61500 / Shop Equipment, Contact Maintenance (SECM)

ID Code (A=Service Ready, B=Not Service Ready) : A	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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Package Fielding Cost																		
Non Recurring Cost																		
New Equipment Training	-	-	0.725	-	-	1.010	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	0.725	-	-	1.010	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Package Fielding Cost</i>	-	-	0.725	-	-	1.010	-	-	-	-	-	-	-	-	-	-	-	-
Logistics Cost																		
Recurring Cost																		
Tech Manuals	-	-	0.099	-	-	0.028	-	-	-	-	-	-	-	-	-	-	-	-
Data Support	-	-	0.572	-	-	0.459	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	0.671	-	-	0.487	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics Cost</i>	-	-	0.671	-	-	0.487	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	1,672.165	588	983.233	629.960	274	172.609	-	-	-	-	-	-	-	-	-	-	-	-

Remarks:
NG SECM will fill unit shortages and replace divesting Heavy SECMs.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	134	-	-	-	-
	Total Obligation Authority	111.295	-	-	-	-
ANG	Quantity	130	-	-	-	-
	Total Obligation Authority	56.934	-	-	-	-
AR	Quantity	10	-	-	-	-
	Total Obligation Authority	4.380	-	-	-	-
Total: Secondary Distribution	Quantity	274	-	-	-	-
	Total Obligation Authority	172.609	-	-	-	-

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45			P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems					Item Number / Title [DODIC]: M61500 / Shop Equipment, Contact Maintenance (SECM)				
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
Next Gen Shop Equipment Contact Maintenance (Chassis + Shelter) plus integration		2023	AM General / South Bend , IN	SS / FFP	Warren, MI	Mar 2023	Mar 2024	274	188.248	Y		
Next Gen Shop Equipment Contact Maintenance (HMMWV Vehicle only)		2023	AM General / South Bend , IN	SS / FFP	Warren, MI	Mar 2023	Mar 2024	524	200.269	Y		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: M62700 / Shop Equipment, Welding (SEW)

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		-	-	-	14	-	14
Gross/Weapon System Cost (\$ in Millions)		235.148	-	-	3.086	-	3.086
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		235.148	-	-	3.086	-	3.086
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		235.148	-	-	3.086	-	3.086
<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)		-	-	-	220.429	-	220.429

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Tech Manuals SEW	-	-	-	-	-	-	-	-	-	10.000	14	0.140	-	-	-	10.000	14	0.140
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.140	-	-	-	-	-	0.140
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.140	-	-	-	-	-	0.140
Hardware Cost																		
Recurring Cost																		
Shop Equipment Welding ^(†)	130.071	98	12.747	-	-	-	-	-	-	177.643	14	2.487	-	-	-	177.643	14	2.487
<i>Subtotal: Recurring Cost</i>	-	-	12.747	-	-	-	-	-	-	-	-	2.487	-	-	-	-	-	2.487
<i>Subtotal: Hardware Cost</i>	-	-	12.747	-	-	-	-	-	-	-	-	2.487	-	-	-	-	-	2.487
Package Fielding Cost																		
Recurring Cost																		
Fielding SEW	-	-	2.709	-	-	-	-	-	-	-	-	0.041	-	-	-	-	-	0.041
Transportation SEW	-	-	0.204	-	-	-	-	-	-	-	-	0.070	-	-	-	-	-	0.070
<i>Subtotal: Recurring Cost</i>	-	-	2.913	-	-	-	-	-	-	-	-	0.111	-	-	-	-	-	0.111
<i>Subtotal: Package Fielding Cost</i>	-	-	2.913	-	-	-	-	-	-	-	-	0.111	-	-	-	-	-	0.111
Support - Engineering Change Proposals Cost																		
Engineering Change Proposals	-	-	3.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45						P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems						Item Number / Title [DODIC]: M62700 / Shop Equipment, Welding (SEW)					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - Engineering Change Proposals Cost</i>	-	-	3.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Logistics Cost																		
Integrated Logistics Support	-	-	1.300	-	-	-	-	-	-	-	-	0.049	-	-	-	-	-	0.049
<i>Subtotal: Support - Logistics Cost</i>	-	-	1.300	-	-	-	-	-	-	-	-	0.049	-	-	-	-	-	0.049
Support - Program Management Cost																		
Government Management	-	-	214.372	-	-	-	-	-	-	-	-	0.185	-	-	-	-	-	0.185
<i>Subtotal: Support - Program Management Cost</i>	-	-	214.372	-	-	-	-	-	-	-	-	0.185	-	-	-	-	-	0.185
Support - Quality Assurance Cost																		
Quality Assurance	-	-	0.401	-	-	-	-	-	-	-	-	0.037	-	-	-	-	-	0.037
<i>Subtotal: Support - Quality Assurance Cost</i>	-	-	0.401	-	-	-	-	-	-	-	-	0.037	-	-	-	-	-	0.037
Support - System Engineering Cost																		
System Engineering	-	-	0.323	-	-	-	-	-	-	-	-	0.047	-	-	-	-	-	0.047
<i>Subtotal: Support - System Engineering Cost</i>	-	-	0.323	-	-	-	-	-	-	-	-	0.047	-	-	-	-	-	0.047
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	0.040	-	-	-	-	-	-	-	-	0.030	-	-	-	-	-	0.030
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	0.040	-	-	-	-	-	-	-	-	0.030	-	-	-	-	-	0.030
Gross/Weapon System Cost	-	-	235.148	-	-	-	-	-	-	220.429	14	3.086	-	-	-	220.429	14	3.086

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	7	-	7
	Total Obligation Authority	-	-	1.546	-	1.546
ANG	Quantity	-	-	7	-	7
	Total Obligation Authority	-	-	1.540	-	1.540
Total:	Quantity	-	-	14	-	14

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: M62700 / Shop Equipment, Welding (SEW)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Secondary Distribution	Total Obligation Authority	-	-	3.086	-	3.086

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45			P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems				Item Number / Title [DODIC]: M62700 / Shop Equipment, Welding (SEW)					
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
Shop Equipment Welding		2025	JMTC / Rock Island, IL	MIPR	Rock Island, IL	Apr 2025	Apr 2026	14	177.643	Y		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45	P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems	Item Number / Title [DODIC]: M62811 / REFRIGERATION TOOL KIT (RTK)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		-	-	34	69	-	69
Gross/Weapon System Cost (\$ in Millions)		-	-	1.120	2.787	-	2.787
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		-	-	1.120	2.787	-	2.787
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	-	1.120	2.787	-	2.787
<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)		-	-	32.941	40.391	-	40.391

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
System Engineering/ Program Management	-	-	-	-	-	-	-	-	-	-	-	0.290	-	-	-	-	-	0.290
Transportation - FDT	-	-	-	-	-	-	-	-	-	-	-	0.069	-	-	-	-	-	0.069
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.359	-	-	-	-	-	0.359
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.359	-	-	-	-	-	0.359
Hardware Cost																		
Recurring Cost																		
REFRIGERATION TOOL KIT (RTK) RECURRING HARDWARE ^(†)	-	-	-	22.176	34	0.754	32.000	69	2.208	-	-	-	32.000	69	2.208	-	-	2.208
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.754	-	-	2.208	-	-	-	-	-	-	-	-	2.208
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	0.754	-	-	2.208	-	-	2.208	-	-	-	-	-	2.208
Package Fielding Cost																		
Non Recurring Cost																		
New Equipment Training	-	-	-	-	-	-	-	-	-	-	-	0.220	-	-	-	-	-	0.220
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.220	-	-	-	-	-	0.220

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45						P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems						Item Number / Title [DODIC]: M62811 / REFRIGERATION TOOL KIT (RTK)					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Package Fielding Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.220	-	-	-	-	-	0.220
Support - Fielding Cost																		
Fielding	-	-	-	-	-	-	-	-	0.208	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Fielding Cost</i>	-	-	-	-	-	-	-	-	0.208	-	-	-	-	-	-	-	-	-
Support - Logistics Cost																		
Integrated Logistics Support	-	-	-	-	-	-	-	-	0.061	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Logistics Cost</i>	-	-	-	-	-	-	-	-	0.061	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Government Management	-	-	-	-	-	-	-	-	0.097	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	-	-	-	0.097	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	-	-	-	-	32.941	34	1.120	40.391	69	2.787	-	-	-	40.391	69	2.787

Remarks:

Budget for cost elements remain constant throughout budget years on P-5. Duplication is result of streamlining cost element reporting.

Increase in SEPM due to additional funding needed for support and travel due to more assets being procured.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	12	23	-	23
	Total Obligation Authority	-	0.395	0.929	-	0.929
ANG	Quantity	-	15	23	-	23
	Total Obligation Authority	-	0.494	0.929	-	0.929
AR	Quantity	-	7	23	-	23
	Total Obligation Authority	-	0.231	0.929	-	0.929
Total: Secondary Distribution	Quantity	-	34	69	-	69
	Total Obligation Authority	-	1.120	2.787	-	2.787

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 45			P-1 Line Item Number / Title: 0639G05301 / Mobile Maintenance Equipment Systems				Item Number / Title [DODIC]: M62811 / REFRIGERATION TOOL KIT (RTK)					
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
REFRIGERATION TOOL KIT (RTK) RECURRING HARDWARE		2025	TBD / TBD	SS / FFP	Warren, MI	Oct 2024	Feb 2025	69	32.000	N		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment	P-1 Line Item Number / Title: 4700M05800 / Tractor, Full Tracked
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	15	0	38	-	-	-	39	25	-	-	-	117
Gross/Weapon System Cost (<i>\$ in Millions</i>)	628.772	-	29.878	-	-	-	27.564	18.496	-	-	-	704.710
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	628.772	-	29.878	-	-	-	27.564	18.496	-	-	-	704.710
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	628.772	-	29.878	-	-	-	27.564	18.496	-	-	-	704.710

(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>)	41,918.133	-	786.263	-	-	-	706.769	739.840	-	-	-	6,023.162

Description:

The Family of Dozers includes several platforms. Near-term procurement focuses on modernizing the fleet through T-9 Medium Dozer production with technology insertion to enable autonomous operations in the future.

The T-9 Medium Type I Dozers with winch enables Combat Engineer, Quartermaster and Transportation Companies with the capabilities necessary to construct and maintain the infrastructure required to freely conduct and sustain activities across the range of military operations, including breaching operations, port opening operations and emplacement of standard and nonstandard Army bridging systems for wet and dry gap crossings. These capabilities include operator armor protection, creating obstacles, shaping the terrain and repairing lines of communication resulting in increased mobility, maneuverability, deployability and sustainability. The Army Acquisition Objective (AAO) for the T-9 Medium Dozer Type I with winch is 939.

The T-9 Medium Type II Dozers with ripper enables Engineer and Vertical Construction Companies with the capabilities necessary to conduct horizontal and vertical construction tasks to establish and maintain the infrastructure required to freely conduct and sustain activities across the range of military operations, including breaching operations and emplacement of standard and nonstandard Army bridging systems for wet and dry gap crossings. These capabilities include a technology insert to enable future semi/full autonomous operation, armor protection, creating obstacles, shaping the terrain and repairing lines of communication resulting in increased mobility, maneuverability, deployability and sustainability. The T-9 Dozer enables Cross Functional Teams (CFT) in the Shoot, Communicate & Sustain phase. The T-9 Medium Dozer Type II with ripper AAO is 772.

The T-5 Light Type I Dozers with winch enables Engineer Support Companies, Stryker Brigade Combat Teams and Armored Brigade Combat Teams with the capabilities necessary to effectively conduct horizontal and vertical construction tasks with emphasis on rapid airfield repair and military facilities to establish and maintain the infrastructure required to conduct and sustain activities across the range of military operations. These capabilities include clearing, grubbing, stripping, dozing, rough grading, cutting and filling, loosening of materiel prior to excavation, reducing obstacles and towing in support of general engineering tasks. The T-5 Light Dozer Type I with ripper AAO is 145.

The T-5 Light Type II Dozers with ripper enables Engineer Support Companies, Stryker Brigade Combat Teams and Armored Brigade Combat Teams with the capabilities necessary to conduct horizontal and vertical construction tasks with emphasis on rapid airfield repair, military facilities to establish and maintain the infrastructure required to conduct and sustain activities across the range of military operations. These capabilities include clearing, grubbing, stripping, dozing, rough grading, cutting and filling, loosening of materiel prior to excavation, reducing obstacles and towing in support of general engineering tasks. The T-5 Light Dozer Type II with winch AAO is 159.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment		P-1 Line Item Number / Title: 4700M05800 / Tractor, Full Tracked

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

The CEVT supports the National Defense Strategy goal of increased ingenuity in training commercial off the shelf virtual training devices with software modifications for military unique tasks. These simulators enable the United States Army Engineer School with the capability to train Engineer Military Occupational Skill (MOS) to soldiers, while reducing maintenance of actual equipment and fuel costs during traditional training. The simulators provide the Engineer Warfighter with a multitude of training scenarios and continuous hands on training on a variety of construction equipment and in various simulated conditions. Use of CEVT increases skills and competency in the operation of equipment. CEVT also enables for unique training scenarios that are deemed too risky on actual equipment, thereby supporting the National Defense Strategy goal of increased ingenuity in training. The Army Acquisition Objective (AAO) for the Medium Dozer Construction Equipment Virtual Trainers (CEVT) is 33.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	10	-	-	-	12	9	-	-
	Total Obligation Authority	-	7.863	-	-	-	8.270	6.660	-	-
ANG	Quantity	-	12	-	-	-	12	8	-	-
	Total Obligation Authority	-	9.435	-	-	-	8.270	5.918	-	-
AR	Quantity	-	16	-	-	-	15	8	-	-
	Total Obligation Authority	-	12.580	-	-	-	11.024	5.918	-	-
Total:	Quantity	-	38	-	-	-	39	25	-	-
Secondary Distribution	Total Obligation Authority	-	29.878	-	-	-	27.564	18.496	-	-

Justification:
M06100 Tractor, Full Tracked (Dozer) has no FY 2025 funding request.

Note 1: This program is considered a Critical Dual Use (CDU) system.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-81), this item is necessary for use by the Active and Reserve Components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment	P-1 Line Item Number / Title: 4734R06701 / All Terrain Cranes
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	92	27	22	-	-	-	-	-	-	-	-	141
Gross/Weapon System Cost (<i>\$ in Millions</i>)	319.845	27.669	27.725	0.114	-	0.114	-	-	-	-	-	375.353
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	319.845	27.669	27.725	0.114	-	0.114	-	-	-	-	-	375.353
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	319.845	27.669	27.725	0.114	-	0.114	-	-	-	-	-	375.353

(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>)	3,476.576	1,024.778	1,260.227	-	-	-	-	-	-	-	-	2,662.078

Description:

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.

Family of All Terrain Cranes Type II Heavy Crane (T2HC) - The Type II Heavy Crane (T2HC) with its 50 Ton lift capacity supports the National Defense Strategy (NDS) by providing critical lift missions including overhead lift, container operations, pile driving, protective barrier emplacement and removal, and port opening/operation capabilities which ensures common domains remain open and free. The T2HC supports Large Scale Combat Operation (LSCO) Gap 8 - Division Wet Gap Crossing Lack Bridging and C2 and LSCO Gap 11 - Brigade Combat Teams (BCTs) Lack Mobility and Lethality by enabling Multi Role Bridging Companies (MRBCs) with the ability to assemble, disassemble, and maintain bridges and bridging components for wet and dry gap crossings. The T2HC is capable of maintaining convoy speeds enabling it to keep up with advancing forces. The T2HC provides protective armor for the driver and operator. The Family of All Terrain Cranes also provides Crane Training Simulators for Soldier training. The Type II Army Acquisition Objective is 39.

Family of All Terrain Cranes Type I - The FOATC Type I Crane supports the NDS by enabling Engineer Construction Companies, Engineer Companies Vertical Construction, and Clearance Companies with the ability to offload critical supplies such as weapons, ammunition, artillery pieces, fuel and water close to the battlefield to support fast moving operations which ensures common domains remain open and free. The Type I Crane provides critical lift missions including overhead lift, container operations, pile driving, protective barrier emplacement and removal, and port opening/operation capabilities, thereby supporting LSCO Gap 11 - BCTs Lack Mobility and Lethality. Type I is capable of maintaining convoy speeds enabling it to keep up with advancing forces. The Type I Army Acquisition Objective is 300.

Military Ocean Terminal Concord (MOTCO) - Acquisition of new Ship to Shore (STS) container gantry cranes at Army's Military Ocean Terminal Concord (MOTCO) re-built Pier 2 provides critical power projection out-loading capability of containerized ammunition to meet required deployment timelines. MOTCO is the main Strategic Seaport for shipping ammunition to the INDOPACOM AOR. The cranes provide the throughput capability for the safe and efficient transshipment of ammunition and explosives within the timelines necessary to meet OPLAN requirements. Cranes directly support Cargo operations mission to safely provide ammunition terminal services to meet the Nation's objectives.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	6	6	-	-	-	-	-	-	-
Total Obligation Authority	6.149	6.654	0.114	-	0.114	-	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment	P-1 Line Item Number / Title: 4734R06701 / All Terrain Cranes
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
ANG	Quantity	16	10	-	-	-	-	-	-	-
	Total Obligation Authority	16.396	14.417	-	-	-	-	-	-	-
AR	Quantity	5	6	-	-	-	-	-	-	-
	Total Obligation Authority	5.124	6.654	-	-	-	-	-	-	-
Total:	Quantity	27	22	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	27.669	27.725	0.114	-	0.114	-	-	-	-

Justification:

FY 2025 Base Procurement dollars in the amount of \$0.114 million will procure Family of All Terrain Crane (FOATC) necessary program support to support base requirements.

Note: The FOATC systems are considered a Critical Dual Use (CDU) system, enabling and supporting Defense Support to Civil Authorities (DSCA) operations (i.e. disaster relief).

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

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment	P-1 Line Item Number / Title: 7495R05901 / High Mobility Engineer Excavator (HMEE)
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	10	-	46	-	46	43	41	40	39	-	219
Gross/Weapon System Cost (<i>\$ in Millions</i>)	493.376	10.000	-	31.663	-	31.663	30.671	30.689	30.717	31.023	-	658.139
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	493.376	10.000	-	31.663	-	31.663	30.671	30.689	30.717	31.023	-	658.139
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	493.376	10.000	-	31.663	-	31.663	30.671	30.689	30.717	31.023	-	658.139

(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>)	-	1,000.000	-	688.326	-	688.326	713.279	748.512	767.925	795.462	-	3,005.201

Description:

The High Mobility Engineer Excavator (HMEE) is self-deployable and is used to repair Lines of Communication resulting in increased force mobility, maneuverability, deploy ability, and sustainability. It is capable of traveling up to 56 mph on primary roads, 25 mph on secondary roads, and maintains pace with the Army's current and future combat systems. The HMEE enables the current and future multi-domain maneuver force by equipping Airborne, Construction and Combat Engineer units with the capabilities necessary to conduct light earthmoving, loading and excavation throughout the area of operations in support of airfield and road repair/construction, preparation of bridge sites, base camp/facility sustainment to executing survivability and major construction tasks. The HMEE has the capability to accept a Crew Protection Kit (CPK) (Armor kit) to support Airborne Units. It is slightly modified to accept the Armor Kit and is air-droppable from a C-17 aircraft with a Low Velocity Air Drop (LVAD) Kit. The HMEE with CPK will be fielded to Engineer Support Companies and Infantry Brigade Combat Teams (IBCTs) in Airborne units. The HMEE is a Critical Dual Use (CDU) system enabling and supporting Defense Support to Civil Authorities (DSCA) operations (i.e. Disaster Relief). The HMEE is a non-developmental item (NDI).

HMEE-I integrated with Electrical Over Hydraulic (EOH) upgrades through an Engineering Change Proposal (ECP) enables remote operations and semi-autonomy of the HMEE. This upgrade is known as HMEE-IV and requires a revision to the Interactive Electronic Technical Manual (IETM). The HMEE-IV provides the same excavation and high travel speed (56 mph) capabilities as the HMEE-I. The HMEE-IV is the current configuration. The HMEE-I is the legacy configuration, no longer being produced.

The High Mobility Engineer Excavator Type III (HMEE-III) is a Backhoe Loader (BHL) which is a Commercial Off-the-Shelf (COTS) backhoe loader with minor military modifications. The BHL provides the capability to execute general construction missions in the areas of road building, airfield construction, repair and improve road systems, trails and bridges. The BHL also has the capability to accept a CPK in the form of a replaceable armored cab for contingency operations. The BHL is capable of driving up to 25 MPH on improved roads and 7 MPH off-road. The BHL is transported in the air via C-130, C-5, or C-17 aircraft, or across the highway with M916/M870 and M915/M172 truck/trailer combination organic to the unit. The BHL is fielded to Horizontal and Vertical Construction Companies, the Army training base, and other Non-Engineer Units. The BHL is no longer in production.

The Army Acquisition Objective is: 1,998 (HMEE-I/IV: 1,316/HMEE-III: 682).

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	4	-	18	-	18	15	15	18	14
	Total Obligation Authority	4.000	-	12.390	-	12.390	10.699	11.228	13.823	11.137

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army							Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment					P-1 Line Item Number / Title: 7495R05901 / High Mobility Engineer Excavator (HMEE)				
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									

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
ANG	Quantity	4	-	20	-	20	16	16	14	16
	Total Obligation Authority	4.000	-	13.766	-	13.766	11.413	11.976	10.751	12.727
AR	Quantity	2	-	8	-	8	12	10	8	9
	Total Obligation Authority	2.000	-	5.507	-	5.507	8.559	7.485	6.143	7.159
Total:	Quantity	10	-	46	-	46	43	41	40	39
Secondary Distribution	Total Obligation Authority	10.000	-	31.663	-	31.663	30.671	30.689	30.717	31.023

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment **P-1 Line Item Number / Title:** 7495R05901 / High Mobility Engineer Excavator (HMEE)

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	R05900 / High Mobility Engineer Excavator (HMEE) Type I	P-5a, P-21	A		- / 493.376	10 / 10.000	- / -	46 / 31.663	- / -	46 / 31.663
P-40	Total Gross/Weapon System Cost				- / 493.376	10 / 10.000	- / -	46 / 31.663	- / -	46 / 31.663

*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 2025 Base procurement dollars in the amount of \$31.663 million supports the procurement of 46 HMEE-IV, all required support equipment, data, fielding, training, transportation, and program support costs.
 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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50	P-1 Line Item Number / Title: 7495R05901 / High Mobility Engineer Excavator (HMEE)	Item Number / Title [DODIC]: R05900 / High Mobility Engineer Excavator (HMEE) Type I

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			-	10	-	46	-	46
Gross/Weapon System Cost (\$ in Millions)			493.376	10.000	-	31.663	-	31.663
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			493.376	10.000	-	31.663	-	31.663
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			493.376	10.000	-	31.663	-	31.663
<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)			-	1,000.000	-	688.326	-	688.326

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Systems Engineering/ Program Management (GOV)	-	-	5.643	-	-	1.001	-	-	-	-	-	1.048	-	-	-	-	-	1.048
Engineering changes	-	-	2.198	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Test & Evaluation	-	-	0.281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportion	-	-	1.375	-	-	0.102	-	-	-	-	-	0.437	-	-	-	-	-	0.437
<i>Subtotal: Non Recurring Cost</i>	-	-	9.497	-	-	1.103	-	-	-	-	-	1.485	-	-	-	-	-	1.485
<i>Subtotal: Flyaway Cost</i>	-	-	9.497	-	-	1.103	-	-	-	-	-	1.485	-	-	-	-	-	1.485
Hardware Cost																		
Recurring Cost																		
Hardware - HMEE (I) Un-armored System (A Kit) ⁽¹⁾	359.760	1,313	472.365	553.583	12	6.643	-	-	-	578.891	46	26.629	-	-	-	578.891	46	26.629
<i>Subtotal: Recurring Cost</i>	-	-	472.365	-	-	6.643	-	-	-	-	-	26.629	-	-	-	-	-	26.629
<i>Subtotal: Hardware Cost</i>	-	-	472.365	-	-	6.643	-	-	-	-	-	26.629	-	-	-	-	-	26.629
Package Fielding Cost																		
Recurring Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50		P-1 Line Item Number / Title: 7495R05901 / High Mobility Engineer Excavator (HMEE)
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:
Item Number / Title [DODIC]: R05900 / High Mobility Engineer Excavator (HMEE) Type I		

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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 Equipment - HMEE Special Tools	46.039	153	7.044	49.083	12	0.589	-	-	-	52.130	46	2.398	-	-	-	52.130	46	2.398
<i>Subtotal: Recurring Cost</i>	-	-	7.044	-	-	0.589	-	-	-	-	-	2.398	-	-	-	-	-	2.398
Non Recurring Cost																		
Contractor Logistics Support	-	-	0.399	-	-	0.259	-	-	-	-	-	-	-	-	-	-	-	-
New Equipment Training	-	-	2.682	-	-	1.380	-	-	-	-	-	0.910	-	-	-	-	-	0.910
<i>Subtotal: Non Recurring Cost</i>	-	-	3.081	-	-	1.639	-	-	-	-	-	0.910	-	-	-	-	-	0.910
<i>Subtotal: Package Fielding Cost</i>	-	-	10.125	-	-	2.228	-	-	-	-	-	3.308	-	-	-	-	-	3.308
Logistics Cost																		
Recurring Cost																		
Data	-	-	1.389	-	-	0.026	-	-	-	-	-	0.241	-	-	-	-	-	0.241
<i>Subtotal: Recurring Cost</i>	-	-	1.389	-	-	0.026	-	-	-	-	-	0.241	-	-	-	-	-	0.241
<i>Subtotal: Logistics Cost</i>	-	-	1.389	-	-	0.026	-	-	-	-	-	0.241	-	-	-	-	-	0.241
Gross/Weapon System Cost	-	-	493.376	1,000.000	10	10.000	-	-	-	688.326	46	31.663	-	-	-	688.326	46	31.663

Remarks:
Prior year funding amount shown is incorrect. Actual funding in Prior Years was \$503.620 million. Prior year quantity (through FY 2022) is 1,313.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	4	-	18	-	18
	Total Obligation Authority	4.000	-	12.390	-	12.390
ANG	Quantity	4	-	20	-	20
	Total Obligation Authority	4.000	-	13.766	-	13.766
AR	Quantity	2	-	8	-	8
	Total Obligation Authority	2.000	-	5.507	-	5.507
Total: Secondary Distribution	Quantity	10	-	46	-	46
	Total Obligation Authority	10.000	-	31.663	-	31.663

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50			P-1 Line Item Number / Title: 7495R05901 / High Mobility Engineer Excavator (HMEE)				Item Number / Title [DODIC]: R05900 / High Mobility Engineer Excavator (HMEE) Type I				

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
Hardware - HMEE (I) Un-armored System (A Kit) ^(†)		2023	JCB / Pooler, GA	C / FFP	TACOM	Mar 2023	Jan 2024	12	553.583	N		
Hardware - HMEE (I) Un-armored System (A Kit) ^(†)		2025	JCB / Pooler, GA	C / FFP	TACOM	Apr 2025	Oct 2025	46	578.891	N		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army														Date: March 2024															
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50										P-1 Line Item Number / Title: 7495R05901 / High Mobility Engineer Excavator (HMEE)										Item Number / Title [DODIC]: R05900 / High Mobility Engineer Excavator (HMEE) Type I									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023														Fiscal Year 2024														B A L A N C E	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023														Calendar Year 2024														
							O C T	N O V	D E C	J A N	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					

Hardware - HMEE (I) Un-armored System (A Kit)

Prior Years Deliveries: 1313

1	2023	ARMY	12	0	12															A	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	0
1	2025	ARMY	46	0	46																													46						
						O C T	N O V	D E C	J A N	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 2025 Army																							Date: March 2024													
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50										P-1 Line Item Number / Title: 7495R05901 / High Mobility Engineer Excavator (HMEE)										Item Number / Title [DODIC]: R05900 / High Mobility Engineer Excavator (HMEE) Type I																
Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025														Fiscal Year 2026														B A L A N C E		
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025														Calendar Year 2026															
							O C T	N O V	D E C	J A N	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						
Hardware - HMEE (I) Un-armored System (A Kit)																																				
Prior Years Deliveries: 1313																																				
	1	2023	ARMY	12	12	0																					0									
	1	2025	ARMY	46	0	46															A	-	-	-	-	-	-	6	6	6	6	6	6	6	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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50		P-1 Line Item Number / Title: 7495R05901 / High Mobility Engineer Excavator (HMEE)
		Item Number / Title [DODIC]: R05900 / High Mobility Engineer Excavator (HMEE) Type I

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	JCB - Pooler, GA	4	10	12	0	6	10	16	0	7	6	13

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment	P-1 Line Item Number / Title: 9113R07005 / Family of Diver Support Equipment
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	5	3	-	-	-	-	-	-	-	-	8
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	3.256	1.811	-	-	-	-	-	-	-	-	5.067
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	3.256	1.811	-	-	-	-	-	-	-	-	5.067
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	3.256	1.811	-	-	-	-	-	-	-	-	5.067

(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>)	-	651.200	603.667	-	-	-	-	-	-	-	-	633.375

Description:

The Family of Diver Support Equipment consist of: Containerized Diver Recompression Chamber (CDRC), Deep Sea Set (DSS), and Underwater Construction Set (UCS).

The Containerized Diver Recompression Chamber (CDRC) is a 3-person recompression chamber required for all high risk diving missions. The CDRC supports MOS 12D Army Engineer Divers. The chamber is mounted on a skid base, inner and outer lifting eyes, and is constructed of aluminum. The CDRC is housed in an International Organization for Standards (ISO) container facilitating rapid deploy-ability. This system is designed to support training, surface decompression, and life saving recompression treatment operations. An Air Supply Rack Assembly (ASRA) supplies high pressure air to the system. Oxygen is supplied from four oxygen bottles that are mounted within the container and can also be supplied by other certified oxygen sources. The CDRC has an Environmental Control System (ECS) that provides temperature and humidity control for the chamber. It provides a maximum pressure of 100 psi gauge (psig), which is equivalent to the pressure attained at a sea water depth of 225 feet. Supports Surface Supplied and SCUBA diving operations that employ Engineer Dive teams for missions ISO Joint Logistics Over the Shore (JLOTS), Port Opening for (SPODS) and Defense Support of Civil Authorities (DSCA). Also used to treat pilots for decompression sickness derived from loss of cabin pressure.

The Deep Sea Set (DSS) provides a surface supplied diving system that meets all commercial and military safety standards. Major assemblies: Helmet assembly: keeps the diver's head dry and provides communications with the surface. Umbilical assembly: supplies breathing air, communications, depth monitoring and a strength member supporting the diver's weight. Communications assembly: allows three divers and the diving supervisor to communicate. The set can be used to a depth of 250 feet and is the only system that protects the diver while conducting heavy construction and salvage operations. Supports long-term sustained underwater construction operations ISO Ship-to-Shore logistics, Port Opening for (SPODS), and Defense Support of Civil Authorities (DSCA).

The Underwater Construction Set (UCS) provides tools and equipment required to support all Engineer Diving operations. It consists of five individual containers (ISU 90s). Salvage package used for lifting heavy debris and recovering objects up to 160,000 pounds. Cutting and welding package used for underwater and surface operations. Recon package with tools to locate and mark underwater obstacles, and perform engineer reconnaissance. Hydraulic tool package used for construction/debris removal and cutting concrete, wood, and metal. Hand tools and hardware package for surface construction and support tools. Supports underwater construction ISO Port Opening for (SPODS), and Defense Support of Civil Authorities (DSCA).

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	5	3	-	-	-	-	-	-	-
	Total Obligation Authority	3.256	1.811	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment	P-1 Line Item Number / Title: 9113R07005 / Family of Diver Support Equipment
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Total:	Quantity	5	3	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	3.256	1.811	-	-	-	-	-	-	-

Justification:
 R07005/Containerized Diver Recompression Chamber (CDRC) has no FY 2025 funding request.

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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment

P-1 Line Item Number / Title:
9120M05500 / Const Equip ESP

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	76	12	26	22	-	22	18	23	23	21	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	505.509	4.169	8.898	8.925	-	8.925	8.958	8.966	8.973	9.064	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	505.509	4.169	8.898	8.925	-	8.925	8.958	8.966	8.973	9.064	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	505.509	4.169	8.898	8.925	-	8.925	8.958	8.966	8.973	9.064	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>)	6,651.434	347.417	342.231	405.682	-	405.682	497.667	389.826	390.130	431.619	Continuing	Continuing

Description:

The Construction Equipment (CE) Extended Service Program (ESP) funds the critical recapitalization and Service Life Extension Programs (SLEP) of the Army's complete portfolio of construction equipment, described below. This program enables the Army to gain improved operational readiness and bridge the gap until future opportunities exist for new system procurement by modernizing these vehicle systems through new technology insertion and adding useful life by rebuilding and returning the vehicles to a like-new condition (zero hours and zero miles). Recapitalization and SLEP allows the Army to maintain critical combat engineer and construction equipment capabilities to build and repair roads, airfields, and other infrastructure within a theater of operations and necessary for breaching operations, port opening operations and emplacement of standard and nonstandard Army bridging systems for wet and dry gap crossings, until new system procurement occurs. The SLEP is considered commercial off the shelf (COTS). The following list provides an example of some of the equipment targeted for SLEP:

The Family of Dozers (Tractor, Full-Track), which includes the T-5 and T-9 dozers, is a full tracked tractor with medium pull bar and a winch or ripper. The dozers perform general engineering missions to repair, maintain, and construct air and ground lines of communication; repair and restore infrastructure, and enhance force and infrastructure protection in support of maneuver/support Brigade Combat Teams, or Expeditionary Engineer Brigades. Dozers provide ground force commanders with survivability, and counter mobility support for large scale counter operations and Joint Concept of Contested Logistics.

The Scraper fleet includes a non-sectionalized and sectionalized Scrapers, inclusive of the following: The Heavy Scraper is an 14-18 Cubic Yard Scraper that enables Engineer Support, Horizontal Construction and Vertical Construction Companies with the earthmoving capability necessary to construct, maintain and repair airfields, runways, taxiways and parking aprons, main supply routes, logistical facilities, roads, helipads, motor pools, railroads and ports of entry/debarkation and enhance force infrastructure protection across a range of military operations. This system is Critical Dual-Use Equipment. The Light Scraper is a 9-11 Cubic Yard Scraper used by Engineer Support Companies for earthmoving work during the maintenance and construction of roads and airfields. The sectionalized Scraper can be sectionalized for transport by helicopter.

The Airborne Water Distributor which is a tractor front section as the prime mover and a 2,500 gallon tanker rear section. It is designed to be used in support of road, airfield, berm construction, dust control, and soil stabilization.

The Deployable Universal Combat Earthmover (DEUCE) is a rubber-tracked dozer used in clearing, leveling, and excavation operations. It is C-130 airplane transportable and can be dropped by parachute at low velocity. It can travel at speeds up to 30 miles per hour (MPH) eliminating the typical construction equipment requirement of trailers and additional haul assets. The DEUCE rubber tracks allow construction, loading, and off-loading on airfields and paved roads without damage. No replacement solution provides these capabilities at this time.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment	P-1 Line Item Number / Title: 9120M05500 / Const Equip ESP
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

The Dual Steel Wheel Roller (DSWR) is a self-propelled vehicle consisting of two steel drums, a diesel engine, and a hydrostatic drive. It is a commercial system used to compact bituminous material in paving operations.

The High Speed Compactor (HSC) is equipped with articulated steering, a dozer blade, a diesel engine, and has segmented impact pads on each of the four drums. It is capable of compacting various soil types in forward or reverse at speeds up to 12 MPH.

The Vibratory Rollers Type I, Type II, and Type III are self-propelled single drum rollers equipped with vibratory action, and are used to level and compact all soil types.

The High Mobility Engineer Excavator Type I (HMEE-I) is a non-developmental, military unique vehicle that can travel up to 56 mph on primary roads, and up to 25 mph on secondary roads. The HMEE-I will be modernized to incorporate the Electrical Over Hydraulic (EOH) upgrades which enables future remote operations and semi-autonomy of the HMEE. This upgrade is known as HMEE-IV. HMEE-IV is part of the Rapid Tactical Earthmoving force and is used for clearing rubble and debris from routes and airfields; constructing airstrips, providing survivability positions for critical assets like C2, radar and logistics, improving ford sites, supporting limited Combat Support and Combat Service Support missions in the forward area of theater.

The Grader Fleet provides the capability necessary to conduct engineer missions including grading, shaping, bank sloping, ditching, scarifying, general construction and maintenance of roads and airfields. Self-deployable, the Grader is a critical enabler in the construction, maintenance and repair of roads, airfields, hardstands, drainage and site preparation for basecamps, pipeline installation and river crossings. This system is Critical Dual-Use Equipment.

The Family of Loaders provides lifting, loading, hauling, digging, and trench operations in support of future domain operations.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	3	8	22	-	22	18	23	23	21
	Total Obligation Authority	1.043	2.670	8.925	-	8.925	8.958	8.966	8.973	9.064
ANG	Quantity	6	10	-	-	-	-	-	-	-
	Total Obligation Authority	2.084	3.559	-	-	-	-	-	-	-
AR	Quantity	3	8	-	-	-	-	-	-	-
	Total Obligation Authority	1.042	2.669	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	12	26	22	-	22	18	23	23	21
	Total Obligation Authority	4.169	8.898	8.925	-	8.925	8.958	8.966	8.973	9.064

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 50: Construction Equipment	P-1 Line Item Number / Title: 9120M05500 / Const Equip ESP
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	M05500 / Const Equip ESP	P-5a	A		76 / 505.509	12 / 4.169	26 / 8.898	22 / 8.925	- / -	22 / 8.925
P-40	Total Gross/Weapon System Cost				76 / 505.509	12 / 4.169	26 / 8.898	22 / 8.925	- / -	22 / 8.925

*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 2025 Base procurement dollars in the amount of \$8.925 million supports the recapitalization and SLEP of approximately 22 Earthmoving and Compaction vehicles, engineering changes, and all supporting program costs associated with Base requirements.

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

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50	P-1 Line Item Number / Title: 9120M05500 / Const Equip ESP	Item Number / Title [DODIC]: M05500 / Const Equip ESP
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ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	76	12	26	22	-	22
Gross/Weapon System Cost (\$ in Millions)	505.509	4.169	8.898	8.925	-	8.925
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	505.509	4.169	8.898	8.925	-	8.925
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	505.509	4.169	8.898	8.925	-	8.925

(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)	6,651.434	347.417	342.231	405.682	-	405.682

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Systems Engineering/ Program Management (GOV)	-	-	6.111	-	-	0.015	-	-	0.514	-	-	0.415	-	-	-	-	-	0.415
SLEP Additional Work Effort (AWE)	-	-	0.818	-	-	-	-	-	0.216	-	-	0.146	-	-	-	-	-	0.146
Core Kit Warehousing	-	-	0.319	-	-	0.110	-	-	-	-	-	0.136	-	-	-	-	-	0.136
Misc. hardware	-	-	358.400	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	0.064
<i>Subtotal: Non Recurring Cost</i>	-	-	<i>365.648</i>	-	-	<i>0.125</i>	-	-	<i>0.730</i>	-	-	<i>0.761</i>	-	-	-	-	-	<i>0.761</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>365.648</i>	-	-	<i>0.125</i>	-	-	<i>0.730</i>	-	-	<i>0.761</i>	-	-	-	-	-	<i>0.761</i>

Hardware Cost

Recurring Cost																		
High Speed Compactor ^(†)	197.351	131	25.853	-	-	-	-	-	-	264.000	1	0.264	-	-	-	264.000	1	0.264
Vibratory Roller I/III ^(†)	118.337	101	11.952	-	-	-	-	-	-	162.000	1	0.162	-	-	-	162.000	1	0.162
Vibratory Roller II ^(†)	144.495	370	53.463	-	-	-	-	-	-	203.000	1	0.203	-	-	-	203.000	1	0.203
Dual Steel Wheel Roller ^(†)	139.541	37	5.163	-	-	-	-	-	-	202.000	1	0.202	-	-	-	202.000	1	0.202
DEUCE	460.824	17	7.834	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dozer (Tractor, Full- Tracked) ^(†)	256.224	85	21.779	311.077	13	4.044	304.320	25	7.608	299.417	12	3.593	-	-	-	299.417	12	3.593

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50						P-1 Line Item Number / Title: 9120M05500 / Const Equip ESP						Item Number / Title [DODIC]: M05500 / Const Equip ESP					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
HMEE-I	542.706	17	9.226	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scraper ^(†)	-	-	-	-	-	-	453.000	1	0.453	600.000	5	3.000	-	-	-	600.000	5	3.000
Water Distributor ^(†)	-	-	-	-	-	-	-	-	-	600.000	1	0.600	-	-	-	600.000	1	0.600
<i>Subtotal: Recurring Cost</i>	-	-	135.270	-	-	4.044	-	-	8.061	-	-	8.024	-	-	-	-	-	8.024
<i>Subtotal: Hardware Cost</i>	-	-	135.270	-	-	4.044	-	-	8.061	-	-	8.024	-	-	-	-	-	8.024
Package Fielding Cost																		
Non Recurring Cost																		
New Equipment Training	-	-	1.761	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	1.761	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Package Fielding Cost</i>	-	-	1.761	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Logistics Cost																		
Recurring Cost																		
Data	-	-	2.830	-	-	-	-	-	0.106	-	-	0.140	-	-	-	-	-	0.140
<i>Subtotal: Recurring Cost</i>	-	-	2.830	-	-	-	-	-	0.106	-	-	0.140	-	-	-	-	-	0.140
<i>Subtotal: Logistics Cost</i>	-	-	2.830	-	-	-	-	-	0.106	-	-	0.140	-	-	-	-	-	0.140
Gross/Weapon System Cost	6,651.434	76	505.509	347.417	12	4.169	342.231	26	8.898	405.682	22	8.925	-	-	-	405.682	22	8.925

Remarks:

- Note on P-5 deltas:
- Additional Work Efforts fluctuate and are assigned to systems as work is performed and updated on the P-5 accordingly.
- The unit cost of each inducted SLEP asset is variable and dependent on the condition of the base vehicle.

Prior year funding amount shown is incorrect. Actual funding in Prior Years was \$147.376 million.

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	3	8	22	-	22
	Total Obligation Authority	1.043	2.670	8.925	-	8.925
ANG	Quantity	6	10	-	-	-
	Total Obligation Authority	2.084	3.559	-	-	-

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50	P-1 Line Item Number / Title: 9120M05500 / Const Equip ESP	Item Number / Title [DODIC]: M05500 / Const Equip ESP
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ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
AR	Quantity	3	8	-	-	-
	Total Obligation Authority	1.042	2.669	-	-	-
Total: Secondary Distribution	Quantity	12	26	22	-	22
	Total Obligation Authority	4.169	8.898	8.925	-	8.925

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

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 50	P-1 Line Item Number / Title: 9120M05500 / Const Equip ESP	Item Number / Title [DODIC]: M05500 / Const Equip 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
High Speed Compactor		2025	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Dec 2024	Dec 2025	1	264.000	N		
Vibratory Roller I/III		2025	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Dec 2024	Dec 2025	1	162.000	N		
Vibratory Roller II		2025	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Dec 2024	Dec 2025	1	203.000	N		
Dual Steel Wheel Roller		2025	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Dec 2024	Dec 2025	1	202.000	N		
Dozer (Tractor, Full-Tracke		2023	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Sep 2023	Sep 2024	13	311.077	N		
Dozer (Tractor, Full-Tracke		2024	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Dec 2023	Dec 2024	25	304.320	N		
Dozer (Tractor, Full-Tracke		2025	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Dec 2024	Dec 2025	12	299.417	N		
Scraper		2024	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Dec 2023	Dec 2024	1	453.000	N		
Scraper		2025	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Dec 2024	Dec 2025	5	600.000	N		
Water Distributor		2025	Caterpillar / Peoria, IL	C / FFP	Warren, MI	Dec 2024	Dec 2025	1	600.000	N		

Remarks:
This is a Commercial-Off-the-Shelf (COTS) Program.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 55: Rail
Float Containerization Equipment

P-1 Line Item Number / Title:
3569M11101 / Army Watercraft Esp

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	8	2	1	2	-	2	5	4	3	3	-	28
Gross/Weapon System Cost (<i>\$ in Millions</i>)	239.145	47.889	30.592	55.459	-	55.459	59.275	71.374	29.699	29.996	-	563.429
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	239.145	47.889	30.592	55.459	-	55.459	59.275	71.374	29.699	29.996	-	563.429
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	239.145	47.889	30.592	55.459	-	55.459	59.275	71.374	29.699	29.996	-	563.429

(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>)	29,893.125	23,944.500	30,592.000	27,729.500	-	27,729.500	11,855.000	17,843.500	9,899.667	9,998.667	-	20,122.464

Description:

WATERCRAFT CAPABILITY:

The Army Watercraft Systems (AWS) support Multi-Domain Operations (MDO) and Joint All Domain Operations (JADO) by providing the Combatant Commander with a Dynamic Force Repositioning (DFR) organic waterborne lift capability that can provide Dispersed Logistics to move and maneuver tailored forces, combat ready troops, platforms, equipment, and supply bulk fuel and water across the full spectrum of operations. AWS mitigates anti-access/area denial (A2/AD) threats by providing access to shallow coastal waters, rivers, in narrow inland waterways in support of dispersed force elements in austere environments and where mature ports or road networks are unavailable. All modernization efforts are critical enablers for the success Army's Watercraft Systems Transformation Strategy (AWSTS) and continued fulfillment of the AWS Title 10 mission.

ESP FUNDING:

The Army Watercraft Extended Service Program (ESP) budget line funds the Service Life Extension Programs (SLEP) and Modernized Integrated Bridge System (MIBS) efforts across the Army Watercraft Systems portfolio. SLEP and MIBS efforts will significantly improve fleet age, operational readiness, configuration control and overall fleet management issues that challenge the fleet today. The Army Watercraft ESP funds three primary modernization efforts: the Landing Craft Utility 2000 (LCU) Service Life Extension Program (SLEP), the Modular Causeway System (MCS) SLEP, and the Modernized Integrated Bridge System (MIBS) as well as operational modifications necessary to improve readiness and maintainability of legacy watercraft. Timing of watercraft modernization is critical to overall AWS Transformation Strategy in conjunction with INDOPACOM force structure and stationing considerations.

The SLEP and MIBS efforts will improve operational readiness, configuration control and overall fleet management issues that challenge the fleet today. Each modernization effort has a different unit cost due to the varying complexity of the modernization package. All modernization efforts will improve vessel operational readiness by improving configuration control with procurement of Technical Data Package (TDP) w/ full Government rights, which enable the provisioning of critical sub-system components, updated Technical Manuals. Procurement of the TDP also allows the Army to execute a "build to print" strategy on the Army Watercraft Multi-Award Task Order (MATO) contract, which will save the Army a significant amount of funding over the course of the modernization efforts.

SLEP and OCCM Interdependencies: SLEP efforts, funded with Other Procurement Authority (OPA) appropriations, occur in coordination with each vessel's planned On-Condition Cyclic Maintenance (OCCM) sustainment maintenance, funded with Operations and Maintenance Appropriations (OMA), requires alignment of two funding types. Application of the SLEP packages occurs in a shipyard during the vessel's planned OCCM to save the Army a significant amount of money while limiting unit disruptions. MIBS refresh and installation are funded with Other Procurement Authority (OPA) appropriations. Installations are accomplished pier-side at the vessel stationing location by mobile installation teams. MIBS applications pier-side limits unit disruptions and allows for complete installation of MIBS onto 25 vessels in a 2-year period, without moving vessels to a shipyard.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 55: Rail Float Containerization Equipment		P-1 Line Item Number / Title: 3569M11101 / Army Watercraft Esp
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		

MODERNIZATION:

SLEP efforts procure a Technical Data Package (TDP) w/ full government rights, upgraded Maritime Training Systems, and authenticated logistics technical manuals. SLEP and MIBS efforts will significantly improve fleet age, configuration management, safety of operations, Army Mariner training, part availability, operational readiness, and allow for interoperability which is all critical to the success of the Army's Watercraft Systems Transformation Strategy (AWSTS) and continued fulfillment of the AWS Title 10 mission.

LCU SLEP: The LCU 2000 provides intra-theater movement of tailored forces, combat ready troops, platforms, equipment, and supply bulk fuel and water across the full spectrum of operations; to include containerized, break-bulk, and roll-on roll-off (RO/RO) cargo. The vessel is ideally suited for the discharge and back load of sea lift; the shallow draft, bow ramp, and associated systems providing for beaching and extraction. The vessel supports Joint Logistics Over the Shore (JLOTS), seaport opening, and delivers combat configured elements or sustainment cargo during all phases of the campaign. The LCU 2000 was originally designed for a 25-year Economic Useful Life (EUL) and the fleet was fielded in 1990-1992 (30-32 years of age as of 2020). LCU SLEP extends the Economic Useful Life (EUL) of the LCU 2000 until the Army can afford to procure a suitable replacement vessel while also meeting the extended EUL of 40 years as detailed in the Revision of Equipment Economic Useful Life Commodity Matrix-Guide to EUL for Cost Estimating memorandum, dated 20 December 2019. The LCU SLEP package includes application of Engineering Change Proposals (ECPs) and modifications, such as engine repower, power generation, force protection, habitability, and critical system configuration reset. The LCU SLEP effort is broken into two phases; Phase I results in the delivery of 3 production vessels, TDP, upgraded maritime training systems, and authenticated technical manuals. Delivery of the phase I TDP enables execution of the Phase II "build to print" strategy of 14 production vessels on the Watercraft MATO contract.

MCS SLEP: The Modular Causeway System (MCS) is a critical force enabler that enables the Army to expedite and increase throughput when executing JLOTS and other movement and maneuver of tailored forces, troops, platforms, equipment, and supply bulk fuel and water across the full spectrum of operations. The single MCS set is comprised of 10 total systems; 6 Modular Warping Tugs (MWT), 1 Causeway Ferry (CF), 2 Roll-On Roll-Off Discharge Facilities (RRDF), and 1 Floating Causeway (FC). Specifically, the MWT is used to assist in the assembly, movement, and positioning of MCS and the CF is used to transfer containers from containerships directly to the beach. The MCS was originally designed for a 15-year EUL and the fleet was fielded in 2004 (15 years of age as of 2020). MCS SLEP extends the EUL of the Modular Warping Tug (MWT) and Causeway Ferry (CF) systems until the Army can afford to procure a suitable replacement system while also meeting the extended EUL of 40 years as detailed in the Revision of Equipment Economic Useful Life Commodity Matrix-Guide to EUL for Cost Estimating memorandum, dated 20 December 2019. The MCS SLEP package includes application of Engineering Change Proposals (ECPs) and modifications, such as engine repower, winch repower, and electrical system upgrades. The MCS TDP and first prototype vessel were developed using AWS RDT&E funding with full government rights to enable the execution of a "build to print" strategy for 20 production vessels, 17 MWT and 3 CF, on the Watercraft MATO contract.

MIBS: The Modernized Integrated Bridge System addresses the LSV and LCU communication suites' significant obsolescence, readiness, and interoperability challenges due to deferred modernization investments for higher Army priorities over time. Interoperability is the largest capability gap with today's LSV and LCU communications suites. MIBS extends the EUL of the LSV and LCU systems by applying a technology refresh to the communication suites to ensure safety of operation, joint interoperability and improve operational readiness. MIBS package includes application of Engineering Change Proposals (ECPs) and modifications to reset the baseline configuration for both the LSV and LCU communication suites. MIBS results in the delivery of the TDP w/ full government rights, technology refresh installation on 8 LSV and 17 LCUs (25 total), upgraded maritime training systems, and authenticated technical manuals. Delivery of the LCU TDP with full government rights enables execution of "build to print" pier side installation strategy for all 25 vessels (8 LSV and 17 LCU). Since maritime communications technology changes rapidly, IAW EXORD 022-21, MIBS technology refreshes are planned in 4-year cycles broken into 2 years for development and 2 years for installation on 25 vessels.

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	2	1	2	-	2	5	4	3	3
	Total Obligation Authority	47.889	30.592	55.459	-	55.459	59.275	71.374	29.699	29.996
Total:	Quantity	2	1	2	-	2	5	4	3	3

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 55: Rail Float Containerization Equipment	P-1 Line Item Number / Title: 3569M11101 / Army Watercraft Esp
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	47.889	30.592	55.459	-	55.459	59.275	71.374	29.699	29.996

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 55: Rail Float Containerization Equipment **P-1 Line Item Number / Title:** 3569M11101 / Army Watercraft Esp

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	M11101 / Army Watercraft Esp	P-5a, P-21			8 / 239.145	2 / 47.889	1 / 30.592	2 / 55.459	- / -	2 / 55.459
P-40	Total Gross/Weapon System Cost				8 / 239.145	2 / 47.889	1 / 30.592	2 / 55.459	- / -	2 / 55.459

*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 2025 Base procurement dollars in the amount of \$48.990 million supports the procurement for 2 Landing Craft Utility 2000 (LCU-2000) SLEP vessels. Also supports the procurement for refresh and application of an upgraded Modernized Integrated Bridge Systems (MIBS) onto all LCU-2000 and Logistics Support Vessels. Funding also supports Government Program Management required to oversight contractor production operations that include Quality Process Management, Program Management Reviews, and engineer activities resulting from engineering change actions, waivers or deviations identified during SLEP production and fielding as well as MIBS refresh and installations.

FY 2025 Base procurement dollars in the amount of \$6.469 million is in support of the Pacific Defense Initiative for the procurement of refresh and application of an upgraded Modernized Integrated Bridge Systems (MIBS) onto all LCU-2000 and Logistics Support Vessels.

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.

LCU Army Acquisition Objective: 17, LSV Army Acquisition Objective: 8, MCS Army Acquisition Objective: Of the total systems 30, 21 vessels will be SLEP.

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55	P-1 Line Item Number / Title: 3569M11101 / Army Watercraft Esp	Item Number / Title [DODIC]: M11101 / Army Watercraft Esp
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	8	2	1	2	-	2
Gross/Weapon System Cost (\$ in Millions)	239.145	47.889	30.592	55.459	-	55.459
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	239.145	47.889	30.592	55.459	-	55.459
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	239.145	47.889	30.592	55.459	-	55.459

(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)	29,893.125	23,944.500	30,592.000	27,729.500	-	27,729.500

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
SLEP Vessels (LCU-2000) ^(†)	17,133.556	9	154.202	19,378.500	2	38.757	20,020.000	1	20.020	20,516.000	2	41.032	-	-	-	20,516.000	2	41.032
LCU Technical Manuals and Spares	-	-	12.250	-	-	-	-	-	-	-	-	0.500	-	-	-	-	-	0.500
LCU SLEP Contractor Logistics Support (CLS)	-	-	6.157	-	-	2.110	-	-	-	-	-	-	-	-	-	-	-	-
New Equipment Training (NET)	-	-	3.736	-	-	0.821	-	-	0.306	-	-	-	-	-	-	-	-	-
SLEP Vessels (MCS)	1,480.500	2	2.961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIBS Vessels (LCU-2000)	-	-	22.390	-	-	3.476	-	-	7.488	-	-	-	-	-	-	-	-	-
MIBS Vessels	-	-	-	-	-	-	-	-	-	-	-	11.128	-	-	-	-	-	11.128
Program Management/Matrix Support	-	-	20.610	-	-	2.725	-	-	2.778	-	-	2.799	-	-	-	-	-	2.799
Subtotal: Recurring Cost	-	-	222.306	-	-	47.889	-	-	30.592	-	-	55.459	-	-	-	-	-	55.459
Non Recurring Cost																		
MCS Logistics	-	-	7.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIBS Logistics (LCU-2000)	-	-	3.159	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIBS Engineering (LCU-2000)	-	-	4.380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55						P-1 Line Item Number / Title: 3569M11101 / Army Watercraft Esp						Item Number / Title [DODIC]: M11101 / Army Watercraft Esp					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
MIBS Engineering (LSV)	-	-	2.280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	16.839	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	239.145	-	-	47.889	-	-	30.592	-	-	55.459	-	-	-	-	-	55.459
Gross/Weapon System Cost	29,893.125	8	239.145	23,944.500	2	47.889	30,592.000	1	30.592	27,729.500	2	55.459	-	-	-	27,729.500	2	55.459

Remarks:

Clarification: Quantities listed above reflect LCU SLEP and MCS SLEP only. Although MIBS is a significant modernization effort, it is not an official program of record and does not meet quantity reporting thresholds. MIBS technology refresh is critical to addressing the Joint Interoperability capability gap in line with the Army Watercraft Systems Transformation Strategy (AWSTS).

The cost variances amongst the fiscal years for MIBS is based on the different vessel platforms incorporating various suites based on different needs and different locations. Vessels incorporating MIBS installations that fall under the MIBS umbrella consist of installations that vary by platform for various commercial and Government Radar suites that satisfy specific needs that address pacing threats in areas of concern.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	2	1	2	-	2
	Total Obligation Authority	47.889	30.592	55.459	-	55.459
Total: Secondary Distribution	Quantity	2	1	2	-	2
	Total Obligation Authority	47.889	30.592	55.459	-	55.459

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

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55	P-1 Line Item Number / Title: 3569M11101 / Army Watercraft Esp	Item Number / Title [DODIC]: M11101 / Army Watercraft 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
SLEP Vessels (LCU-2000) ^(†)		2022	2022 - Bay Ship and Yacht / Alameda, CA	C / FFP	Warren, MI	Sep 2022	Sep 2024	2	17,336.000	N		
SLEP Vessels (LCU-2000) ^(†)		2023	2023 - Yokohama Engineering Works / Yokohama, Japan	C / FFP	Warren, MI	Aug 2023	Aug 2025	2	19,378.500	N		
SLEP Vessels (LCU-2000) ^(†)		2024	2024 - TBD / TBD	C / FFP	Warren, MI	Jul 2024	Apr 2026	1	20,020.000	N		
SLEP Vessels (LCU-2000) ^(†)		2025	2025 - TBD / TBD	C / FFP	Warren, MI	Jun 2025	Jun 2027	2	20,516.000	N		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55	P-1 Line Item Number / Title: 3569M11101 / Army Watercraft Esp	Item Number / Title [DODIC]: M11101 / Army Watercraft Esp
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022												Fiscal Year 2023												BALANCE																					
O C C #	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																				
SLEP Vessels (LCU-2000)																																																			
Prior Years Deliveries: 7																																																			
1		2022	ARMY	2	0	2																							A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2						
2		2023	ARMY	2	0	2																																											A -	-	2
3		2024	ARMY	1	0	1																																												1	
4		2025	ARMY	2	0	2																																												2	

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55	P-1 Line Item Number / Title: 3569M11101 / Army Watercraft Esp	Item Number / Title [DODIC]: M11101 / Army Watercraft Esp
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024													Fiscal Year 2025													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024													Calendar Year 2025													
							O C T	N O V	D E C	J A N	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			
SLEP Vessels (LCU-2000)																																	
Prior Years Deliveries: 7																																	
	1	2022	ARMY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
	2	2023	ARMY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0				
	3	2024	ARMY	1	0	1										A	-	-	-	-	-	-	-	-	-	-	-	-	1				
	4	2025	ARMY	2	0	2																					A	-	-	2			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55 **P-1 Line Item Number / Title:** 3569M11101 / Army Watercraft Esp **Item Number / Title [DODIC]:** M11101 / Army Watercraft Esp

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026												Fiscal Year 2027												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026												Calendar Year 2027												
							O C T	N O V	D E C	J A N	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
SLEP Vessels (LCU-2000)																															
Prior Years Deliveries: 7																															
1		2022	ARMY	2	2	0																							0		
2		2023	ARMY	2	2	0																							0		
3		2024	ARMY	1	0	1	-	-	-	-	-	-	1																0		
4		2025	ARMY	2	0	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55	P-1 Line Item Number / Title: 3569M11101 / Army Watercraft Esp	Item Number / Title [DODIC]: M11101 / Army Watercraft Esp
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	2022 - Bay Ship and Yacht - Alameda, CA	1	2	2	0	12	24	36	0	12	24	36
2	2023 - Yokohama Engineering Works - Yokohama, Japan	1	2	2	0	10	24	34	0	10	21	31
3	2024 - TBD - TBD	1	1	1	0	10	21	31	0	0	0	0
4	2025 - TBD - TBD	1	2	2	0	9	24	33	0	9	24	33

Remarks:
Supply chain shortages and inflationary challenges continue to negatively impact programmatic costs and schedules.

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 55: Rail
Float Containerization Equipment

P-1 Line Item Number / Title:
8211R01001 / Maneuver Support Vessel (MSV)

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604804A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	2	1	4	1	-	1	1	1	1	1	-	12
Gross/Weapon System Cost (<i>\$ in Millions</i>)	189.840	97.676	149.449	66.634	-	66.634	68.438	69.156	74.958	75.309	-	791.460
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	189.840	97.676	149.449	66.634	-	66.634	68.438	69.156	74.958	75.309	-	791.460
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	189.840	97.676	149.449	66.634	-	66.634	68.438	69.156	74.958	75.309	-	791.460

(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>)	94,920.000	97,676.000	37,362.250	66,634.000	-	66,634.000	68,438.000	69,156.000	74,958.000	75,309.000	-	65,955.000

Description:

The Army Watercraft Systems (AWS) provide a family of Maneuver Support Vessels (MSV) that support Dynamic Force Repositioning (DFR) by providing the Combatant, Multi-Domain Operations (MDO) and Joint All Domain Operations (JADO) Commanders with the ability to access multiple entry points via littorals and inland waterways (waterborne corridor) in order to sustain forces within an anti-access/area denial (A2/AD) bubble. The family of MSV include the Maneuver Support Vessel (Light) (MSV(L)) and the Maneuver Support Vessel (Heavy) (MSV(H)) which are the Army's first digital architecture vessels (with improved draft, speed, and payload) and critical modernization efforts in support of the Army's Watercraft Systems Transformation Strategy (AWSTS). MSV vessels will provide Surge, Precision and Dispersed Logistics to move and maneuver tailored forces, combat ready troops, platforms, equipment, and supply bulk fuel and water across the full spectrum of operations. MSV mitigate A2/AD threats by providing access to shallow coastal waters, rivers, in narrow inland waterways in support of dispersed force elements in austere environments and where mature ports or road networks are unavailable.

The MSV(L) provides upgraded capabilities such as higher operational speed, reduced draft and increased payload to support expeditionary movement and maneuver of tailored forces and combat power to mitigate the Anti-Access/Area Denial (A2/AD) operational environment. Capable of delivering a combat configured Abrams, or two Strykers or two Bradley Fighting Vehicles along with critical sustainment missions including delivery of bulk food, water, fuel, and ammunition. MSV(L) is the first modernization program which will displace the Army's aging Landing Craft Mechanized-8 (LCM-8) class of vessels. The LCM-8 does not have the speed, functional draft (shallow water capability), interoperability, or maneuver capability to move today's Army Maneuver Platforms.

The high priority MSV(L) is a low density system with an AAO of 13 which is designed as a ten year contract in which the AAO will be fulfilled within that timeframe.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	1	4	1	-	1	1	1	1	1
	Total Obligation Authority	97.676	149.449	66.634	-	66.634	68.438	69.156	74.958	75.309
Total: Secondary Distribution	Quantity	1	4	1	-	1	1	1	1	1
	Total Obligation Authority	97.676	149.449	66.634	-	66.634	68.438	69.156	74.958	75.309

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 55: Rail Float Containerization Equipment **P-1 Line Item Number / Title:** 8211R01001 / Maneuver Support Vessel (MSV)

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604804A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	R03050 / Maneuver Support Vessel (Light) (MSV-L)	P-5a, P-21			2 / 189.840	1 / 97.676	4 / 149.449	1 / 66.634	- / -	1 / 66.634
P-40	Total Gross/Weapon System Cost				2 / 189.840	1 / 97.676	4 / 149.449	1 / 66.634	- / -	1 / 66.634

*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 2025 Base procurement dollars in the amount of \$66.634 million supports the procurement for 1 vessel, Government Furnished Equipment (GFE), first destination transportation, engineering changes, Program Management support and training.

The Maneuver Support Vessel (Light) - MSV(L) is the first modernization program which will displace the Army's aging Landing Craft Mechanized-8 (LCM-8) class of vessels. The LCM-8 does not have the speed, functional draft (shallow water capability), interoperability, or maneuver capability to move today's Army Maneuver Platforms.

The MSV(L) provides upgraded capabilities such as higher operational speed, reduced draft and increased payload to support expeditionary movement and maneuver of tailored forces and combat power to mitigate the Anti-Access/Area Denial (A2/AD) operational environment. Capable of delivering a combat configured Abrams, Stryker or Bradley Fighting Vehicles along with critical sustainment missions including delivery of bulk food, water, fuel, and ammunition.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L 110-151), these items are 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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55		P-1 Line Item Number / Title: 8211R01001 / Maneuver Support Vessel (MSV)
		Item Number / Title [DODIC]: R03050 / Maneuver Support Vessel (Light) (MSV-L)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		2	1	4	1	-	1
Gross/Weapon System Cost (\$ in Millions)		189.840	97.676	149.449	66.634	-	66.634
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		189.840	97.676	149.449	66.634	-	66.634
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		189.840	97.676	149.449	66.634	-	66.634
<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)		94,920.000	97,676.000	37,362.250	66,634.000	-	66,634.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Recurring Production - Vessels(†)	62,269.500	2	124.539	60,746.000	1	60.746	26,191.250	4	104.765	59,347.000	1	59.347	-	-	-	59,347.000	1	59.347
Government Furnished Equipment	-	-	3.672	-	-	1.356	-	-	3.300	-	-	1.711	-	-	-	-	-	1.711
Engineering Changes	-	-	-	-	-	12.929	-	-	6.934	-	-	1.648	-	-	-	-	-	1.648
Technical Publications	-	-	7.402	-	-	1.975	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportation	-	-	2.192	-	-	0.870	-	-	0.800	-	-	0.021	-	-	-	-	-	0.021
Program Management: Contractor / Matrix	-	-	27.131	-	-	16.863	-	-	9.300	-	-	3.111	-	-	-	-	-	3.111
Subtotal: Recurring Cost	-	-	164.936	-	-	94.739	-	-	125.099	-	-	65.838	-	-	-	-	-	65.838
Non Recurring Cost																		
Test and Evaluation	-	-	4.532	-	-	-	-	-	4.400	-	-	-	-	-	-	-	-	-
RAM Incentive	-	-	-	-	-	-	-	-	19.200	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	4.532	-	-	-	-	-	23.600	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost	-	-	169.468	-	-	94.739	-	-	148.699	-	-	65.838	-	-	-	-	-	65.838
Support - Training Cost																		
Equipment	-	-	20.372	-	-	2.937	-	-	0.750	-	-	0.796	-	-	-	-	-	0.796

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55	P-1 Line Item Number / Title: 8211R01001 / Maneuver Support Vessel (MSV)	Item Number / Title [DODIC]: R03050 / Maneuver Support Vessel (Light) (MSV-L)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - Training Cost</i>	-	-	20.372	-	-	2.937	-	-	0.750	-	-	0.796	-	-	-	-	-	0.796
Gross/Weapon System Cost	94,920.000	2	189.840	97,676.000	1	97.676	37,362.250	4	149.449	66,634.000	1	66.634	-	-	-	66,634.000	1	66.634

Remarks:

All vessel unit prices were re-baselined in September 2023. The negotiated price for the production vessel to be procured in FY25 is \$59.347 million. Engineering Changes and Program Management support will be resourced with FY24 dollars.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	1	4	1	-	1
	Total Obligation Authority	97.676	149.449	66.634	-	66.634
Total: Secondary Distribution	Quantity	1	4	1	-	1
	Total Obligation Authority	97.676	149.449	66.634	-	66.634

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55			P-1 Line Item Number / Title: 8211R01001 / Maneuver Support Vessel (MSV)				Item Number / Title [DODIC]: R03050 / Maneuver Support Vessel (Light) (MSV-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
Recurring Production - Vessels ^(†)		2021	Vigor Works LLC / Vancouver, WA	C / FFP	Warren, MI	Sep 2023	Sep 2026	1	63,086.000	N		
Recurring Production - Vessels ^(†)		2022	Vigor Works LLC / Vancouver, WA	C / FFP	Warren, MI	Sep 2023	Sep 2027	1	61,452.000	N		
Recurring Production - Vessels ^(†)		2023	Vigor Works LLC / Vancouver, WA	C / FFP	Warren, MI	Jun 2024	Jun 2028	1	60,746.000	N		
Recurring Production - Vessels ^(†)		2024	Vigor Works LLC / Vancouver, WA	C / FFP	Warren, MI	Feb 2024	Sep 2026	4	26,191.250	N		
Recurring Production - Vessels ^(†)		2025	Vigor Works LLC / Vancouver, WA	C / FFP	Warren, MI	Sep 2025	Sep 2029	1	59,347.000	N		

^(†) indicates the presence of a P-21

Remarks:

FY 2025 production build time is approximately 48 months to include long lead hardware procurement.

FY 2025 budget request does not include fielding costs for the vessel. Due to 48 month production build time, fielding costs will be budgeted in the fiscal year in which the vessel is fielded.

Due to the contract re-baseline in FY 2023, vessel procurement award dates are out of synch. Contract language requires procurement of 2 vessels per ordering period (awards in June and December of the calendar year). FY 2025 vessel award will occur in Dec 2025. Beginning in FY 2026, funding and awards will align in the initial year of funds availability.

FY 2024 vessels (2) will be awarded Dec 2024 and Jun 2025.

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Exhibit P-21, Production Schedule: PB 2025 Army																		Date: March 2024											
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55												P-1 Line Item Number / Title: 8211R01001 / Maneuver Support Vessel (MSV)										Item Number / Title [DODIC]: R03050 / Maneuver Support Vessel (Light) (MSV-L)							

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025														Fiscal Year 2026														BALANCE	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025														Calendar Year 2026														
							O C T	N O V	D E C	J A N	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					
Recurring Production - Vessels																																			
	1	2021	ARMY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0					
	1	2022	ARMY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1					
	1	2023	ARMY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1					
	1	2024	ARMY	4	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3						
	1	2025	ARMY	1	0	1																							1						
							O C T	N O V	D E C	J A N	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 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55										P-1 Line Item Number / Title: 8211R01001 / Maneuver Support Vessel (MSV)										Item Number / Title [DODIC]: R03050 / Maneuver Support Vessel (Light) (MSV-L)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027													Fiscal Year 2028													BALANCE			
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	Calendar Year 2027													Calendar Year 2028															
							O C T	N O V	D E C	J A N	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					
Recurring Production - Vessels																																			
1	2021	ARMY		1	1	0																												0	
1	2022	ARMY		1	0	1	-	-	-	-	-	-	-	-	-	-	-	1																0	
1	2023	ARMY		1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		0	
1	2024	ARMY		4	1	3	-	-	-	1	-	-	-	1	-	-	1																		0
1	2025	ARMY		1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55										P-1 Line Item Number / Title: 8211R01001 / Maneuver Support Vessel (MSV)										Item Number / Title [DODIC]: R03050 / Maneuver Support Vessel (Light) (MSV-L)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2029														Fiscal Year 2030														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2028	BAL DUE AS OF 1 OCT	Calendar Year 2029														Calendar Year 2030														
							O C T	N O V	D E C	J A N	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					
Recurring Production - Vessels																																			
1		2021	ARMY	1	1	0																							0						
1		2022	ARMY	1	1	0																							0						
1		2023	ARMY	1	1	0																							0						
1		2024	ARMY	4	4	0																							0						
1		2025	ARMY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55		P-1 Line Item Number / Title: 8211R01001 / Maneuver Support Vessel (MSV)
		Item Number / Title [DODIC]: R03050 / Maneuver Support Vessel (Light) (MSV-L)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Vigor Works LLC - Vancouver, WA	1	1	3	0	12	48	60	0	0	0	0

Remarks:
 FY 2025 production build time is approximately 48 months to include long lead time for ordering materials (aluminum and major sub-system components), fabrication, Contractor sea trials, and Government acceptance trials.

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 55: Rail Float Containerization Equipment	P-1 Line Item Number / Title: 9552ML5355 / Items Less Than \$5.0M (Float/Rail)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	192.784	10.131	-	20.036	-	20.036	20.518	22.039	36.684	109.126	-	411.318
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	192.784	10.131	-	20.036	-	20.036	20.518	22.039	36.684	109.126	-	411.318
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	192.784	10.131	-	20.036	-	20.036	20.518	22.039	36.684	109.126	-	411.318

(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>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This budget line supports Float and Rail programs. Presently, the Army is focused on Army Rail requirements to obtain new railroad locomotives and railway cars to replace aging assets. .

For the Rail program, railroad equipment consists of locomotives, rolling stock, railway passenger cars, track maintenance equipment, etc., used to support Army ammunition plants, Army Materiel Command (AMC) depots, Installation Management Command (IMCOM), Forces Command (FORSCOM) and Training and Doctrine Command (TRADOC) installations in peacetime, training and mobilization missions. This Railway Equipment is required for the replacement of locomotives and railway cars that have exceeded their economic useful life (65 years) and have become logistically unsupportable and costly to maintain. This equipment is in some cases already unserviceable and in other cases, either unsafe or not cleared for use under the Federal Railroad Administration (FRA). Previous year funding procured shop equipment and tools to assist in the Army's move of its railroad locomotive overhaul facility, the Defense Generator & Rail Center from Hill, AFB, UT to Anniston Army Depot, AL. Army Rail moves the warfighter's equipment (Abrams tanks, Bradley Fighting Vehicles, MRAPS etc.) from within the installations to the mainline where it is transferred to commercial railroads.

Locomotive equipment consist of commercial off-the-shelf switcher locomotives in direct support of the Army Rail Modernization Program. The program mandates systematic replacement of an aging fleet, that for the respective installations are becoming increasingly more costly to maintain. The Locomotives are industry proven, state of the art technology that will position the Army to meet current EPA air quality restrictions, and future fuel economy mandates. The procurement of railway cars is to meet TDA shortages at various Army installations as well as to replace aging assets that have exceeded their economic useful life.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	10.131	-	20.036	-	20.036	20.518	22.039	36.684	109.126
Total:									
Secondary Distribution									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	10.131	-	20.036	-	20.036	20.518	22.039	36.684	109.126

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 55: Rail Float Containerization Equipment **P-1 Line Item Number / Title:** 9552ML5355 / Items Less Than \$5.0M (Float/Rail)

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost <i>(Each) / (\$ M)</i>	Quantity / Total Cost <i>(Each) / (\$ M)</i>	Quantity / Total Cost <i>(Each) / (\$ M)</i>	Quantity / Total Cost <i>(Each) / (\$ M)</i>	Quantity / Total Cost <i>(Each) / (\$ M)</i>	Quantity / Total Cost <i>(Each) / (\$ M)</i>
P-5	ML5355 / Items Less Than \$5.0M (Float/Rail)				- / 192.784	- / 10.131	- / -	- / 20.036	- / -	- / 20.036
P-40	Total Gross/Weapon System Cost				- / 192.784	- / 10.131	- / -	- / 20.036	- / -	- / 20.036

*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 2025 Base procurement dollars in the amount of \$20.036 million supports the Army Rail Program. The funds will be used to procure new railroad locomotives and railway cars for the Army's captive railway fleet. They replace aging assets that are on average 50 years old. One-Third of the Army's railroad locomotives are beyond their economic useful-life of 65 years and are increasingly difficult to maintain and logistically support. The procurement of railway cars for the captive fleet will be used to meet TDA shortages at various Army installations and replace aging assets that have exceeded their economic useful life.

ML5355 had no funding in FY 2024.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), these items are 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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 55	P-1 Line Item Number / Title: 9552ML5355 / Items Less Than \$5.0M (Float/Rail)	Item Number / Title [DODIC]: ML5355 / Items Less Than \$5.0M (Float/Rail)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)				192.784	10.131	-	20.036	-	20.036
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				192.784	10.131	-	20.036	-	20.036
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				192.784	10.131	-	20.036	-	20.036
<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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Float/Rail Prior Years	190,951.000	1	190.951	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Army Rail Hardware	1,833.000	1	1.833	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	192.784	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	192.784	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vehicles Cost																		
Recurring Cost																		
Railroad Locomotives and railway cars	-	-	-	19.483	520	10.131	-	-	-	3,339.333	6	20.036	-	-	-	3,339.333	6	20.036
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	10.131	-	-	-	-	-	20.036	-	-	-	-	-	20.036
<i>Subtotal: Vehicles Cost</i>	-	-	-	-	-	10.131	-	-	-	-	-	20.036	-	-	-	-	-	20.036
Gross/Weapon System Cost	-	-	192.784	-	-	10.131	-	-	-	-	-	20.036	-	-	-	-	-	20.036

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	10.131	-	20.036	-	20.036
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	10.131	-	20.036	-	20.036

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 60: Generators	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	3,962	2,448	1,409	1,321	-	1,321	1,638	1,982	1,982	1,905	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	737.929	112.689	78.364	81.540	-	81.540	83.041	96.266	95.808	96.091	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	737.929	112.689	78.364	81.540	-	81.540	83.041	96.266	95.808	96.091	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	737.929	112.689	78.364	81.540	-	81.540	83.041	96.266	95.808	96.091	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>)	186.252	46.033	55.617	61.726	-	61.726	50.697	48.570	48.339	50.441	Continuing	Continuing

Description:

This line provides the power generation and distribution that enables the Army to employ Command Posts across the operational spectrum, from early entry to major combat operations. Command Posts will use the microgrid to provide safe, reliable, and efficient power. This line also provides power generation for Soldier Borne Sensors, Lasers and Optics as well as Precision Fire and Air Missile Defense systems.

The MA9800 / Generators and Associated Equipment funding line supports the Mobile Electric Power Generating Sources (MEPGS) systems. The MEPGS systems consist of three generations: first generation is the Military Standard (MIL-STD) generators (to include the 2kW Military Tactical Generator (MTG)); the second generation is the Tactical Quiet Generator (TQG); the third generation is the Tactical Electric Power (TEP). The TEP program is to replace and modernize the first and second generation of DoD generator inventory (MIL STD, MTG and TQG, respectively) to meet the Army's requirements and establish the DoD standard for MEPGS. The TEP program is structured around the Small Tactical Electric Power (STEP) that covers 2-3kW stand-alone generator variants, Advanced Medium Mobile Power Sources (AMMPS) that covers 5-60kW stand-alone generator variants, and Large Tactical Power System (LTPS) that will support the initial development of a large tactical power solution (up to 500kW).

The MA9800 / Generators and Associated Equipment funding line also supports Mobile Electric Power Distribution Systems (MEPDS), Mobile Electric Power Management Systems (MEPMS) and Mobile Electric Power Storage Systems (MEPSS) IAW DODI 4120.11. The MEPDS includes current associated power distribution equipment (Power Distribution Illumination Systems Electrical (PDISE)).

These programs collectively provide a new, modern family of generators and distribution systems satisfying critical user requirements. The TEP CPD (rev 2, July 2014) will:

1. Reduce Acquisition Costs and Operations and Sustainment (O&S) costs by 15-20%.
2. Reduce weight by 25% across generator population, thereby reducing the Logistics footprint and improving deployability.
3. Significantly improve Reliability, Availability and Maintainability, to include mean time between failure improvements of 100-300%.
4. Eliminate gasoline from the generator inventory, thus complying with DoD guidance regarding single fuel on the battlefield (diesel/JP-8).
5. Reduce battlefield detectability by lowering noise levels by 50-75% across generator population.
6. Improve battlefield survivability by providing mission critical electric power to the digitized warfighting forces.

MEPDS, MEPMS and MEPSS will develop and field joint solutions, the equipment developed will provide an interface for future On-board Vehicle Power System, Hybrid Power systems and alternative/renewable energy power systems.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 60: Generators	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Power Distribution Illumination Systems Electrical (PDISE) provides the linkage between the generators and the Network/C3I, Air & Missile Defense, Long Range Precision Fires, Command Post and Combat Support/Combat Service Support systems. Power distribution systems are the circuit breaker panel for communication and electronic systems. PDISE are integral accessories to the CPI2 (Command Post Integrated Infrastructure), TESS (Towable Expeditionary Shelter System), and the Army Field Hospital AMMPS MicroGrid MG5602 120kW generator set. This program transmits electrical power efficiently from the point of generation to the point of need. PDISE components are man-portable and safe for all weather operations to protect Soldiers from electric shock. PDISE is a reliable, quick to assemble, modular designed power distribution equipment that is critical to deploying power networks. PDISE is compatible with DoD generator sets from 5kW to 60kW. PDISE as a program is committed solely to the warfighter. Medium Power Distribution System (MPDS) provides the linkage between the 5-60kW generators and includes the current PDISE family (M200, M100, M40, M60, M46).

M200 Army Acquisition Objective (AAO) = 395; M100 AAO = 3,415; M60 AAO = 6,524; M40 AAO = 7,427; M46 AAO = 17,619.

PDISE Expansion will add power distribution greater than 60kW. PDISE Expansion - Prime, the Prime Power Distribution Systems (PPDS) effort will fulfill prime power (medium voltage, 4160 Volts Alternating Current (VAC)) distribution shortfalls to support 249th Engineer Battalion (Prime Power) and Force Provider Expeditionary (FPE) requirements. PPDS will provide modernized power distribution capabilities for the U.S. Army Deployable Power Generation and Distribution System (DPGDS), the FPE Prime Power Connection Kit (PPCK), and the U.S. Air Force Basic Expeditionary Airfield Resources (BEAR) power systems. The PPDS will incorporate advanced capabilities and include three primary components: an improved Primary Switching Center (iPSC), an improved Secondary Distribution Center (iSDC), and a Tactical Prime Power Transformer (TPPT). Production forecasted to begin in FY26.

Advanced Medium Mobile Power Sources (AMMPS) units power or are incorporated into digital systems across the Army Portfolio to include Network/C3I, Air & Missile Defense, Long Range Precision Fires, Command Post and Combat Support/Combat Service Support Systems. AMMPS is a modernization program to provide 5kW, 10kW, 15kW, 30kW, or 60kW generators in either a skid, trailer mounted, or microgrid configuration to replace legacy generators and provide an ability to interface with newer technologies. AMMPS enhances operational effectiveness by increasing availability of power, while reducing noise, weight, and sustainment burdens for units. AMMPS Microgrid Configurations meet power needs while reducing the fuel consumption on the battlefield. The reduced logistics footprint significantly reduces the cost of operation. Army Acquisition Objective (AAO) = 17,192.

Power Units/Mounted (AMMPS): Power Units (PUs) consist of one generator set mounted on a trailer. Power Plants (PPs) consist of two generator sets mounted on either one or two trailers (depending on size) with a switchbox installed and paralleling cables between sets. The Microgrid capability allows up to six (6) 30kW or 60kW sized AMMPS generators to automatically start and stop to match load demand and supply power to a common distribution hub. Power Units/Power Plants Army Acquisition Objective (AAO) = 14,481.

The generator sets are procured by competitive contracts through the Army Contracting Command - Aberdeen Proving Ground, Belvoir (ACC-APG, B). The trailers are procured by competitive contracts through the Army Contracting Command - Detroit Arsenal (ACC-DTA).

The generators and associated equipment line also funds small power generators, which consists of three variants: Small Tactical Electric Power (STEP) Lightweight (STEP-LW) systems, STEP Hybrid Augmentation Systems (STEP HAS) and STEP 3kW systems. The STEP program contributes to the Army modernization priorities under Army Futures Command Soldier Lethality Cross Function Team (CFT) and Network CFT. It will be the power sources for Soldier borne sensors, lasers and optics and will provide the Warfighter with expeditionary power solutions designed for combat operations in the most austere environments. STEP will replace existing systems and is a modernization program that will provide improved tactical electric mobile power sources for replacement of the currently fielded 2kW (MTG) sets and 3kW (TQG) sets, initially procured in the 1990s. STEP models will be lightweight, modular, reliable and more logistically supportable power sources than their predecessors for the Department of Defense's (DoD) 21st century digitized forces. AAO: STEP Lightweight = 6,289, STEP Hybrid - 1,475, STEP 3kW = 19,788.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	1,468	867	205	-	205	259	335	310	299
	Total Obligation Authority	68.330	48.357	8.263	-	8.263	12.064	14.597	13.625	13.517

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 60: Generators	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
ANG	Quantity	735	408	550	-	550	787	815	911	834
	Total Obligation Authority	33.348	22.562	36.493	-	36.493	42.723	42.696	46.826	44.822
AR	Quantity	245	134	566	-	566	592	832	761	772
	Total Obligation Authority	11.011	7.445	36.784	-	36.784	28.254	38.973	35.357	37.752
Total:	Quantity	2,448	1,409	1,321	-	1,321	1,638	1,982	1,982	1,905
Secondary Distribution	Total Obligation Authority	112.689	78.364	81.540	-	81.540	83.041	96.266	95.808	96.091

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 60: Generators

P-1 Line Item Number / Title:
0426MA9800 / Generators And Associated 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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	M50202 / Improved Power Distribution Illumination Systems E	P-5a			- / 28.862	5 / 1.076	22 / 3.448	303 / 6.887	- / -	303 / 6.887
P-5	R51050 / Advanced Medium Mobile Power Systems (AMMPS)	P-5a, P-21			2,144 / 370.930	1,579 / 55.842	540 / 25.292	418 / 23.618	- / -	418 / 23.618
P-5	R59210 / Power Units/Mounted (AMMPS)	P-5a, P-21			1,797 / 294.206	864 / 54.158	680 / 43.984	397 / 42.466	- / -	397 / 42.466
P-5	R63510 / Small Tactical Electric Power	P-5a, P-21	A		21 / 43.931	0 / 1.613	167 / 5.640	203 / 8.569	- / -	203 / 8.569
P-40	Total Gross/Weapon System Cost				3,962 / 737.929	2,448 / 112.689	1,409 / 78.364	1,321 / 81.540	- / -	1,321 / 81.540

*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:
 IPDISE (M50202):
 FY 2025 Base procurement dollars of \$6.887 million will support procurement of power distribution for Advanced Medium Mobile Power Sources (AMMPS). The program continues fielding to Army's principal power distribution system for Corps/Division headquarters, Brigade Combat Teams (BCTs), and Support Brigades on behalf of their combat support systems. IPDISE is integral to the AMMPS Microgrid required to support increment 1 of CPI2, TESS and Army Field Hospitals. Large and Prime Power Distribution Systems (LPDS & PPDS) will start production in FY24. PDISE also continues to meet emergent fielding requirements. These programs provide safe power distribution from the point of generation to the point of need - Network/C3I, Air & Missile Defense, Long Range Precision Fires, Command Post and Combat Support/Combat Service Support systems.

AMMPS (R51050):
 FY 2025 Base procurement dollars of \$22.617 million will procure mobile electric power generating sources to support base requirements for the AMMPS 5kW-60kW skid mounted sets. AMMPS replaces aging legacy systems, reduces total ownership costs and support modernization. This program continues fielding to Corps/Division headquarters, Brigade Combat Teams (BCTs), and Support Brigades in support of their Network / Command, Control, Communications & Intelligence (C3I), Air & Missile Defense, and combat support / combat service support missions. All funding for this line has been moved from Medium Sets, SSN M53500, as of FY 2017. AMMPS generators increase readiness and operational reach while reducing noise, weight, and sustainment burdens (e.g. 60% parts commonality and 20% reduced fuel consumption across the fleet). AMMPS replaces 5-60kW legacy generators in a skid configuration, while adding a Microgrid capability with Advanced Digital Control System (ADCS) and an ability to interface with newer technologies.

FY 2025 base procurement dollars of \$1.001 million supports the procurement of thirty three MEP-1030s in support of Base European Deterrence Initiative (BEDI). This is a decrease of \$0.032 million from the FY2024 requested level.

Power Units/Mounted (AMMPS) (R59210):
 FY 2025 Base procurement dollars of \$40.857 million will procure mobile electric power generating sources to support base requirements for AMMPS power units, power plants, and Microgrid; which replace aging legacy systems, reduce total ownership costs and support modernization. The program continues fielding to Corps/Division headquarters, Brigade Combat Teams (BCT), and Support Brigades in support of their Network / Command, Control, Communications & Intelligence (C3I), Air & Missile Defense, and combat support /combat service support missions. All funding for this line has been moved from POWER UNITS/POWER PLANTS, SSN R62700, as of FY 2017. AMMPS generators increase readiness and operational reach while reducing noise, weight, and sustainment burdens (e.g. 60% parts commonality and 20% reduced fuel consumption across the fleet). Mounted AMMPS replaces 5-60kW legacy generators in a trailer mounted configuration, while adding a Microgrid capability and an ability to interface with newer technologies.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 60: Generators		P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated 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		
<p>FY 2025 base procurement dollars of \$1.609 million supports the procurement of fifty seven PU-2001A in support of Base European Deterrence Initiative (BEDI). This is a decrease of \$0.045 million from the FY2024 requested level.</p> <p>STEP (R63510): FY 2025 base procurement dollars of \$8.569 million will fund procurement of mobile electric power generating sources to support base requirements for legacy 3kW TQG.</p> <p>Overseas Operations Costs (OOC) funds this requirement in the amount of \$2.610 million for FY 2025 Budget Estimate. Overseas Operations Costs (OOC) are those financed with former Overseas Contingency Operations (OCO) funding.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</p>		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip	Item Number / Title [DODIC]: M50202 / Improved Power Distribution Illumination Systems E

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				-	5	22	303	-	303
Gross/Weapon System Cost (\$ in Millions)				28.862	1.076	3.448	6.887	-	6.887
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				28.862	1.076	3.448	6.887	-	6.887
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				28.862	1.076	3.448	6.887	-	6.887
<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)				-	215.200	156.727	22.729	-	22.729

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
1. Engineering Support	-	-	2.788	-	-	0.368	-	-	0.750	-	-	0.400	-	-	-	-	-	0.400
2. Engineering Change Orders	-	-	0.331	-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	0.050
3. Testing	-	-	0.983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. System Fielding Support	-	-	0.972	-	-	-	-	-	0.479	-	-	0.250	-	-	-	-	-	0.250
5. Systems Assessment	-	-	0.673	-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	0.050
6. Logistics Support	-	-	2.283	-	-	0.476	-	-	0.552	-	-	0.475	-	-	-	-	-	0.475
7. Data	-	-	0.570	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. PM Management Support	-	-	14.993	-	-	0.023	-	-	0.967	-	-	1.000	-	-	-	-	-	1.000
<i>Subtotal: Recurring Cost</i>	-	-	23.593	-	-	0.867	-	-	2.748	-	-	2.225	-	-	-	-	-	2.225
<i>Subtotal: Flyaway Cost</i>	-	-	23.593	-	-	0.867	-	-	2.748	-	-	2.225	-	-	-	-	-	2.225
Hardware Cost																		
Recurring Cost																		
M 40 (Distribution System) ^(†)	5.115	566	2.895	41.800	5	0.209	-	-	-	14.538	104	1.512	-	-	-	14.538	104	1.512
M200 (Feeder System) ^(†)	6.861	346	2.374	-	-	-	31.818	22	0.700	31.569	40	1.263	-	-	-	31.569	40	1.263

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip	Item Number / Title [DODIC]: M50202 / Improved Power Distribution Illumination Systems E
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
M100 ^(†)	-	-	-	-	-	-	-	-	-	19.859	40	0.794	-	-	-	19.859	40	0.794
M46 ^(†)	-	-	-	-	-	-	-	-	-	9.183	119	1.093	-	-	-	9.183	119	1.093
<i>Subtotal: Recurring Cost</i>	-	-	5.269	-	-	0.209	-	-	0.700	-	-	4.662	-	-	-	-	-	4.662
<i>Subtotal: Hardware Cost</i>	-	-	5.269	-	-	0.209	-	-	0.700	-	-	4.662	-	-	-	-	-	4.662
Gross/Weapon System Cost	-	-	28.862	215.200	5	1.076	156.727	22	3.448	22.729	303	6.887	-	-	-	22.729	303	6.887

Remarks:

The per unit costs have increased due to transition of sustainment production using the OIB, Tobyhanna Army Depot.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	3	13	41	-	41
	Total Obligation Authority	0.753	2.068	0.910	-	0.910
ANG	Quantity	2	7	53	-	53
	Total Obligation Authority	0.323	1.035	1.067	-	1.067
AR	Quantity	-	2	209	-	209
	Total Obligation Authority	-	0.345	4.910	-	4.910
Total: Secondary Distribution	Quantity	5	22	303	-	303
	Total Obligation Authority	1.076	3.448	6.887	-	6.887

^(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60			P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip					Item Number / Title [DODIC]: M50202 / Improved Power Distribution Illumination Systems E				
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
M 40 (Distribution System)		2022	TBD / TBD	Option / TBD	TBD	Feb 2022	Jul 2022	10	54.000	Y		
M 40 (Distribution System)		2025	TBD / TBD	C / IDIQ	TBD	Dec 2024	Jul 2025	104	14.538	N		
M200 (Feeder System)		2022	TBD / TBD	Option / TBD	TBD	Feb 2022	Jul 2022	11	29.000	Y		
M200 (Feeder System)		2024	Tobyhanna Army Depot (TYAD) / Tobyhanna Army Depot (TYAD), Tobyhanna, PA	MIPR	Tobyhanna, PA	Dec 2023	Jul 2024	22	31.800	N		
M200 (Feeder System)		2025	TBD / TBD	C / IDIQ	TBD	Dec 2024	Jul 2025	40	31.575	N		
M100		2025	TBD / TBD	C / IDIQ	TBD	Dec 2024	Jul 2025	40	19.850	N		
M46		2025	TBD / TBD	C / IDDQ	TBD	Dec 2024	Jul 2025	119	9.185	N		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60		P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip
		Item Number / Title [DODIC]: R51050 / Advanced Medium Mobile Power Systems (AMMPS)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			2,144	1,579	540	418	-	418
Gross/Weapon System Cost (\$ in Millions)			370.930	55.842	25.292	23.618	-	23.618
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			370.930	55.842	25.292	23.618	-	23.618
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			370.930	55.842	25.292	23.618	-	23.618
<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)			173.008	35.365	46.837	56.502	-	56.502

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
1. Engineering Support	-	-	8.961	-	-	2.215	-	-	1.643	-	-	1.834	-	-	-	-	-	1.834
2. Engineering Change Orders	-	-	1.349	-	-	0.600	-	-	0.450	-	-	1.500	-	-	-	-	-	1.500
3. Testing	-	-	0.494	-	-	0.452	-	-	0.212	-	-	0.216	-	-	-	-	-	0.216
4. System Fielding Support	-	-	15.047	-	-	1.461	-	-	1.527	-	-	1.573	-	-	-	-	-	1.573
5. System Assessment	-	-	2.626	-	-	1.024	-	-	0.404	-	-	0.204	-	-	-	-	-	0.204
6. Logistics Support	-	-	8.781	-	-	1.504	-	-	0.840	-	-	0.750	-	-	-	-	-	0.750
7. Data	-	-	1.851	-	-	0.848	-	-	0.421	-	-	0.612	-	-	-	-	-	0.612
8. PM Management Support	-	-	22.076	-	-	2.857	-	-	2.339	-	-	2.207	-	-	-	-	-	2.207
<i>Subtotal: Recurring Cost</i>	-	-	<i>61.185</i>	-	-	<i>10.961</i>	-	-	<i>7.836</i>	-	-	<i>8.896</i>	-	-	-	-	-	<i>8.896</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>61.185</i>	-	-	<i>10.961</i>	-	-	<i>7.836</i>	-	-	<i>8.896</i>	-	-	-	-	-	<i>8.896</i>
Hardware Cost																		
Recurring Cost																		
5kW/60Hz (MEP1030) ^(†)	23.223	3,939	91.475	26.673	788	21.018	27.866	164	4.570	30.183	100	3.018	-	-	-	30.183	100	3.018
10kW/60Hz (MEP1040) ^(†)	23.860	4,293	102.431	30.168	791	23.863	31.612	376	11.886	35.723	175	6.252	-	-	-	35.723	175	6.252

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip	Item Number / Title [DODIC]: R51050 / Advanced Medium Mobile Power Systems (AMMPS)

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
10kW, 400Hz (MEP 1041) ^(†)	32.444	18	0.584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15kW/60Hz (MEP1050) ^(†)	28.936	1,442	41.726	-	-	-	-	-	-	38.125	143	5.452	-	-	-	38.125	143	5.452
15kW/400Hz (MEP1051)	32.362	318	10.291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30kW/60Hz (MEP1060) ^(†)	33.777	848	28.643	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30kW/400Hz (MEP1061)	42.217	23	0.971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60kW/60Hz (MEP1070) ^(†)	37.384	654	24.449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60kW/400z(MEP1071) ^(†)	60.000	8	0.480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spare parts - Accessories	-	-	8.695	-	-	-	-	-	1.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	309.745	-	-	44.881	-	-	17.456	-	-	14.722	-	-	-	-	-	14.722
<i>Subtotal: Hardware Cost</i>	-	-	309.745	-	-	44.881	-	-	17.456	-	-	14.722	-	-	-	-	-	14.722
Gross/Weapon System Cost	173.008	2,144	370.930	35.365	1,579	55.842	46.837	540	25.292	56.502	418	23.618	-	-	-	56.502	418	23.618

Remarks:
Increase in FY25 ECP due to procurement of STANDARD AUTOMOTIVE TOOL SET (SATS) MWO KITS; Containerized Kitchen (CK)/Safety Improvement Kits (SIK) and Petroleum & Water Systems (PAWS).

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	947	332	33	33
	Total Obligation Authority	33.469	15.588	1.001	1.001
ANG	Quantity	473	156	228	228
	Total Obligation Authority	16.780	7.277	13.367	13.367
AR	Quantity	159	52	157	157
	Total Obligation Authority	5.593	2.427	9.250	9.250
Total: Secondary Distribution	Quantity	1,579	540	418	418
	Total Obligation Authority	55.842	25.292	23.618	23.618

^(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip	Item Number / Title [DODIC]: R51050 / Advanced Medium Mobile Power Systems (AMMPS)
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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
5kW/60Hz (MEP1030)		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Apr 2021	Feb 2022	460	22.700	Y		
5kW/60Hz (MEP1030)		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	188	24.000	Y		
5kW/60Hz (MEP1030)		2023	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Mar 2023	Mar 2024	788	26.673	Y		
5kW/60Hz (MEP1030)		2024	TBD / TBD	C / TBD	ACC-APG, Belvoir	Apr 2024	Apr 2025	164	27.866	N		
5kW/60Hz (MEP1030)		2025	TBD / TBD	C / TBD	ACC-APG Belvoiiir	Apr 2025	Apr 2026	100	30.183	N		
10kW/60Hz (MEP1040) ^(†)		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	360	25.200	Y		
10kW/60Hz (MEP1040) ^(†)		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Mar 2022	Mar 2023	341	26.400	Y		
10kW/60Hz (MEP1040) ^(†)		2023	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Mar 2023	Mar 2024	791	30.168	Y		
10kW/60Hz (MEP1040) ^(†)		2024	TBD / TBD	C / TBD	ACC-APG, Belvoir	Apr 2024	Apr 2025	376	31.612	Y		
10kW/60Hz (MEP1040) ^(†)		2025	TBD / TBD	C / TBD	acc-apg belvoir	Apr 2025	Apr 2026	175	35.723	N		
10kW, 400Hz (MEP 1041)		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Mar 2022	Mar 2023	13	33.000	Y		
15kW/60Hz (MEP1050)		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Mar 2022	Mar 2023	41	30.000	Y		
15kW/60Hz (MEP1050) ^(†)		2025	TBD / TBD	C / TBD	ACC-APG,Belvoir	Apr 2025	Apr 2026	143	38.125	N		
30kW/60Hz (MEP1060)		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG,Belvoir	Feb 2021	Feb 2022	250	30.900	Y		
30kW/60Hz (MEP1060)		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	325	37.600	Y		
60kW/60Hz (MEP1070)		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG,Belvoir	Feb 2021	Feb 2022	149	36.100	Y		
60kW/60Hz (MEP1070)		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2022	355	38.000	Y		
60kW/400z(MEP1071)		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	8	60.000	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60										P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip										Item Number / Title [DODIC]: R51050 / Advanced Medium Mobile Power Systems (AMMPS)									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2023															Fiscal Year 2024												BALANCE		
O C O #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023															Calendar Year 2024												
							O C T	N O V	D E C	J A N	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				
10kW/60Hz (MEP1040)																																		
Prior Years Deliveries: 3592																																		
	2	2021	ARMY	360	240	120	30	30	30	30																		0						
	2	2022	ARMY	341	0	341	-	-	-	-	-	30	30	30	30	30	21	20	20	20	20	30	30					0						
	2	2023	ARMY	791	0	791						A -	-	-	-	-	-	-	-	-	-	65	66	66	66	66	66	330						
	1	2024	ARMY	376	0	376																					376							
	1	2025	ARMY	175	0	175																					175							

15kW/60Hz (MEP1050)																														
Prior Years Deliveries: 1401																														
	3	2025	ARMY	143	0	143																						143		
							O C T	N O V	D E C	J A N	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 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60										P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip										Item Number / Title [DODIC]: R51050 / Advanced Medium Mobile Power Systems (AMMPS)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025														Fiscal Year 2026														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025														Calendar Year 2026														
							O C T	N O V	D E C	J A N	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					
10kW/60Hz (MEP1040)																																			
Prior Years Deliveries: 3592																																			
	2	2021	ARMY	360	360	0																													0
	2	2022	ARMY	341	341	0																													0
	2	2023	ARMY	791	461	330	66	66	66	66	66																								0
	1	2024	ARMY	376	0	376	-	-	-	-	-	-	31	31	31	31	31	31	31	31	32	32	32	32										0	
	1	2025	ARMY	175	0	175							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	

15kW/60Hz (MEP1050)																																		
Prior Years Deliveries: 1401																																		
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
	3	2025	ARMY	143	0	143							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60										P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip										Item Number / Title [DODIC]: R51050 / Advanced Medium Mobile Power Systems (AMMPS)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027												Fiscal Year 2028												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	Calendar Year 2027												Calendar Year 2028												
							O C T	N O V	D E C	J A N	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
10kW/60Hz (MEP1040)																															
Prior Years Deliveries: 3592																															
	2	2021	ARMY	360	360	0																							0		
	2	2022	ARMY	341	341	0																							0		
	2	2023	ARMY	791	791	0																							0		
	1	2024	ARMY	376	376	0																							0		
	1	2025	ARMY	175	90	85	15	14	14	14	14	14																0			
15kW/60Hz (MEP1050)																															
Prior Years Deliveries: 1401																															
	3	2025	ARMY	143	72	71	12	12	12	12	12	11																	0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60		P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip
		Item Number / Title [DODIC]: R51050 / Advanced Medium Mobile Power Systems (AMMPS)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	1,200	3,000	3,600	0	0	0	0	0	0	0	0	0
2	CUMMINS POWER GENERATION; INC - Minneapolis, MN	1,200	3,000	3,600	6	2	17	19	6	2	17	19	19
3	TBD - TBD	1,200	3,000	3,600	0	0	0	0	0	0	0	0	0

Remarks:

All production rates shown on a yearly basis.

Manufacturer has multiple products (AMMPS and PUPPS) that contribute to the minimum production rate of 1,200. Customer funding across the POM increases funding above 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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60		P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip
		Item Number / Title [DODIC]: R59210 / Power Units/Mounted (AMMPS)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:											
Resource Summary				Prior Years		FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	
Procurement Quantity (Units in Each)				1,797		864		680		397		-		397	
Gross/Weapon System Cost (\$ in Millions)				294.206		54.158		43.984		42.466		-		42.466	
Less PY Advance Procurement (\$ in Millions)				-		-		-		-		-		-	
Net Procurement (P-1) (\$ in Millions)				294.206		54.158		43.984		42.466		-		42.466	
Plus CY Advance Procurement (\$ in Millions)				-		-		-		-		-		-	
Total Obligation Authority (\$ in Millions)				294.206		54.158		43.984		42.466		-		42.466	
<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)				163.721		62.683		64.682		106.967		-		106.967	

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
1. Engineering Support	-	-	7.541	-	-	0.924	-	-	1.997	-	-	1.834	-	-	-	-	-	1.834
2. Engineering Change Orders	-	-	0.303	-	-	-	-	-	0.482	-	-	-	-	-	-	-	-	-
3. Testing	-	-	1.377	-	-	0.733	-	-	-	-	-	1.250	-	-	-	-	-	1.250
4. System Fielding Support	-	-	8.827	-	-	1.461	-	-	1.801	-	-	1.583	-	-	-	-	-	1.583
5. System Assessment	-	-	2.682	-	-	-	-	-	-	-	-	0.534	-	-	-	-	-	0.534
6. Logistics Support	-	-	5.657	-	-	0.554	-	-	1.553	-	-	0.750	-	-	-	-	-	0.750
7. Data	-	-	1.742	-	-	-	-	-	0.227	-	-	0.251	-	-	-	-	-	0.251
8. PM Management Support	-	-	18.069	-	-	1.569	-	-	2.306	-	-	2.192	-	-	-	-	-	2.192
<i>Subtotal: Recurring Cost</i>	-	-	46.198	-	-	5.241	-	-	8.366	-	-	8.394	-	-	-	-	-	8.394
<i>Subtotal: Flyaway Cost</i>	-	-	46.198	-	-	5.241	-	-	8.366	-	-	8.394	-	-	-	-	-	8.394
Hardware Cost																		
Recurring Cost																		
PU2001, 5kW 50/60Hz ^(†)	26.626	1,201	31.978	30.700	60	1.842	39.483	149	5.883	39.491	57	2.251	-	-	-	39.491	57	2.251
PU2002, 10kW 50/60Hz ^(†)	29.171	918	26.779	-	-	-	43.228	101	4.366	44.098	184	8.114	-	-	-	44.098	184	8.114

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60		P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip
		Item Number / Title [DODIC]: R59210 / Power Units/Mounted (AMMPS)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
PU2003, 15kW/60Hz, LTT ^(†)	35.136	265	9.311	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PU2101, 15kW 50/60Hz, M200 ^(†)	33.958	1,292	43.874	-	-	-	46.170	230	10.619	-	-	-	-	-	-	-	-	-
PU2102, 30kW 50/60Hz ^(†)	36.494	775	28.283	30.830	430	13.257	50.900	50	2.545	-	-	-	-	-	-	-	-	-
PU2103, 60kW/60Hz ^(†)	38.448	395	15.187	65.640	235	15.425	57.300	40	2.292	-	-	-	-	-	-	-	-	-
PU 2111, 15Kw/400Hz	36.000	30	1.080	-	-	-	51.000	3	0.153	-	-	-	-	-	-	-	-	-
PU2112, 30kW 400Hz ^(†)	40.881	59	2.412	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PP3001, two 5kW 50/60Hz, LTT ^(†)	52.596	193	10.151	-	-	-	70.667	12	0.848	-	-	-	-	-	-	-	-	-
PP3003, two 15kW 50/60Hz ^(†)	64.949	197	12.795	-	-	-	97.200	5	0.486	-	-	-	-	-	-	-	-	-
PP3102, two 10kW 50/60Hz ^(†)	81.542	166	13.536	86.600	26	2.252	78.810	21	1.655	79.100	20	1.582	-	-	-	79.100	20	1.582
PP3105, two 30kW 50/60Hz ^(†)	68.855	262	18.040	-	-	-	108.100	20	2.162	110.286	21	2.316	-	-	-	110.286	21	2.316
PP3106, two 60kW 50/60Hz ^(†)	82.963	383	31.775	140.370	113	15.862	107.400	25	2.685	-	-	-	-	-	-	-	-	-
MEP-3101; TWO 5kW 50/60 Hz AMMPS GEN SETS ON M200 ^(†)	51.000	7	0.357	-	-	-	71.500	2	0.143	-	-	-	-	-	-	-	-	-
Spare parts. Assemblies	-	-	2.450	-	-	0.279	-	-	1.781	-	-	-	-	-	-	-	-	-
Z06043; MG-5006 ^(†)	-	-	-	-	-	-	-	-	-	162.750	68	11.067	-	-	-	162.750	68	11.067
Z06042; MG-5106 ^(†)	-	-	-	-	-	-	-	-	-	186.000	47	8.742	-	-	-	186.000	47	8.742
<i>Subtotal: Recurring Cost</i>	-	-	<i>248.008</i>	-	-	<i>48.917</i>	-	-	<i>35.618</i>	-	-	<i>34.072</i>	-	-	-	-	-	<i>34.072</i>
<i>Subtotal: Hardware Cost</i>	-	-	<i>248.008</i>	-	-	<i>48.917</i>	-	-	<i>35.618</i>	-	-	<i>34.072</i>	-	-	-	-	-	<i>34.072</i>
Gross/Weapon System Cost	163.721	1,797	294.206	62.683	864	54.158	64.682	680	43.984	106.967	397	42.466	-	-	-	106.967	397	42.466

Remarks:
FY23 P-40 should reflect a total quantity of 1332.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip	Item Number / Title [DODIC]: R59210 / Power Units/Mounted (AMMPS)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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FY24 P-40 should reflect a total quantity of 658.

Increased testing cost in FY25 due to Joint Light Tactical Vehicle trailer testing.
Increased Assessment costs in FY25 due to emerging requirements for Microgrid.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	518	422	9	-	9
	Total Obligation Authority	32.495	27.317	1.211	-	1.211
ANG	Quantity	260	195	208	-	208
	Total Obligation Authority	16.245	12.558	19.488	-	19.488
AR	Quantity	86	63	180	-	180
	Total Obligation Authority	5.418	4.109	21.767	-	21.767
Total:	Quantity	864	680	397	-	397
Secondary Distribution	Total Obligation Authority	54.158	43.984	42.466	-	42.466

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60			P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip					Item Number / Title [DODIC]: R59210 / Power Units/Mounted (AMMPS)				
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
PU2001, 5kW 50/60Hz		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	304	23.000	Y		
PU2001, 5kW 50/60Hz		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC- APG, Belvoir	Feb 2022	Feb 2023	93	24.000	Y		
PU2001, 5kW 50/60Hz		2023	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC- APG, Belvoir	Mar 2023	Mar 2024	60	30.700	N		
PU2001, 5kW 50/60Hz		2024	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2024	Apr 2025	149	39.480	Y		
PU2001, 5kW 50/60Hz		2025	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2025	Apr 2026	57	39.491	N		
PU2002, 10kW 50/60Hz		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	210	26.000	Y		
PU2002, 10kW 50/60Hz		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	87	26.299	Y		
PU2002, 10kW 50/60Hz ^(f)		2024	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2024	Apr 2025	101	43.230	Y		
PU2002, 10kW 50/60Hz ^(f)		2025	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2025	Apr 2026	184	44.098	N		
PU2003, 15kW/60Hz, LTT		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	50	28.000	Y		
PU2003, 15kW/60Hz, LTT		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	25	29.000	Y		
PU2101, 15kW 50/60Hz, M200		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	176	28.000	Y		
PU2101, 15kW 50/60Hz, M200		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	56	28.304	Y		
PU2101, 15kW 50/60Hz, M200		2024	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2024	Apr 2025	230	46.170	Y		
PU2102, 30kW 50/60Hz		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	50	31.500	Y		
PU2102, 30kW 50/60Hz		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	190	32.200	Y		
PU2102, 30kW 50/60Hz		2024	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2024	Apr 2025	50	50.900	Y		
PU2103, 60kW/60Hz		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	50	37.000	Y		
PU2103, 60kW/60Hz		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	80	37.520	Y		
PU2103, 60kW/60Hz		2023	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC- APG, Belvoir	Mar 2023	Mar 2024	235	65.640	Y		
PU2103, 60kW/60Hz		2024	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2024	Apr 2025	40	57.300	Y		
PU2112, 30kW 400Hz		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	3	41.333	Y		

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip	Item Number / Title [DODIC]: R59210 / Power Units/Mounted (AMMPS)
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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
PP3001, two 5kW 50/60Hz, LTT		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACP-APG, Belvoir	Feb 2022	Feb 2023	77	49.333	Y		
PP3001, two 5kW 50/60Hz, LTT		2024	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2024	Apr 2025	12	70.630	Y		
PP3003, two 15kW 50/60Hz		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	90	63.000	Y		
PP3003, two 15kW 50/60Hz		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC, APG, Belvoir	Feb 2022	Feb 2023	2	63.000	Y		
PP3102, two 10kW 50/60Hz		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	0	0.000	Y		
PP3102, two 10kW 50/60Hz		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC, APG, Belvoir	Feb 2022	Feb 2023	4	56.000	Y		
PP3102, two 10kW 50/60Hz		2023	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC- APG, Belvoir	Mar 2023	Mar 2024	26	86.600	Y		
PP3102, two 10kW 50/60Hz		2024	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2024	Apr 2025	21	78.820	Y		
PP3102, two 10kW 50/60Hz		2025	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2025	Apr 2026	20	79.100	N		
PP3105, two 30kW 50/60Hz		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC=APG, Belvoir	Feb 2021	Feb 2022	108	68.000	Y		
PP3105, two 30kW 50/60Hz		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	71	69.000	Y		
PP3105, two 30kW 50/60Hz		2024	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2024	Apr 2025	20	108.080	Y		
PP3105, two 30kW 50/60Hz		2025	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2025	Apr 2026	21	110.286	N		
PP3106, two 60kW 50/60Hz		2021	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2021	Feb 2022	108	82.400	Y		
PP3106, two 60kW 50/60Hz		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC-APG, Belvoir	Feb 2022	Feb 2023	140	83.000	Y		
PP3106, two 60kW 50/60Hz		2023	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC- APG, Belvoir	Feb 2023	Feb 2024	113	140.370	Y		
PP3106, two 60kW 50/60Hz		2024	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2024	Apr 2025	25	107.400	Y		
MEP-3101; TWO 5kW 50/60 Hz AMMPS GEN SETS ON M200		2022	CUMMINS POWER GENERATION; INC / Minneapolis, MN	SS / FFP	ACC- APG, Belvoir	Mar 2022	Mar 2023	7	51.000	Y		
Z06043; MG-5006 ^(†)		2025	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2025	Apr 2026	68	162.750	N		
Z06042; MG-5106 ^(†)		2025	TBD / TBD	C / IDIQ	ACC-APG, Belvoir	Apr 2025	Apr 2026	47	186.000	N		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60										P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip										Item Number / Title [DODIC]: R59210 / Power Units/Mounted (AMMPS)									

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
PU2002, 10kW 50/60Hz																															
Prior Years Deliveries: 621																															
	1	2024	ARMY	101	0	101																							101		
	1	2025	ARMY	184	0	184																							184		
Z06043; MG-5006																															
	2	2025	ARMY	68	0	68																							68		
Z06042; MG-5106																															
	3	2025	ARMY	47	0	47																							47		
							O C T	N O V	D E C	J A N	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 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60										P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip										Item Number / Title [DODIC]: R59210 / Power Units/Mounted (AMMPS)									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2025													Fiscal Year 2026													BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025													Calendar Year 2026													
							O C T	N O V	D E C	J A N	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			
PU2002, 10kW 50/60Hz																																	
Prior Years Deliveries: 621																																	
	1	2024	ARMY	101	0	101	-	-	-	-	-	-	8	8	8	8	8	8	8	9	9	9	9	9					0				
	1	2025	ARMY	184	0	184							A -	-	-	-	-	-	-	-	-	-	-	15	15	15	15	15	15	94			
Z06043; MG-5006																																	
	2	2025	ARMY	68	0	68							A -	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	32			
Z06042; MG-5106																																	
	3	2025	ARMY	47	0	47							A -	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	23			
							O C T	N O V	D E C	J A N	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 2025 Army																									Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60										P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip										Item Number / Title [DODIC]: R59210 / Power Units/Mounted (AMMPS)										
Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027										Fiscal Year 2028										BALANCE				
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	Calendar Year 2027										Calendar Year 2028													
							O C T	N O V	D E C	J A N	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
PU2002, 10kW 50/60Hz																														
Prior Years Deliveries: 621																														
	1	2024	ARMY	101	101	0																						0		
	1	2025	ARMY	184	90	94	15	15	16	16	16	16																0		
Z06043; MG-5006																														
	2	2025	ARMY	68	36	32	6	6	5	5	5	5																0		
Z06042; MG-5106																														
	3	2025	ARMY	47	24	23	4	4	4	4	4	3																0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60		P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip
		Item Number / Title [DODIC]: R59210 / Power Units/Mounted (AMMPS)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	200	600	1,200	0	0	0	0	0	0	0	0	0
2	TBD - TBD	200	600	1,200	0	0	0	0	0	0	0	0	0
3	TBD - TBD	200	600	1,200	0	0	0	0	0	0	0	0	0

Remarks:
 This is an integration of components which makes up the power unit/power plant/microgrid. The manufacturing lead time includes the time to order and receive the generator sets, trailers, and switchboxes.
 All production rates are shown on a yearly basis.
 Manufacturer has multiple products that contribute to the minimum production rate.

"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 2025 Army					Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60			P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip					Item Number / Title [DODIC]: R63510 / Small Tactical Electric Power		
ID Code (A=Service Ready, B=Not Service Ready) : A					MDAP/MAIS Code:					
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total		
Procurement Quantity (<i>Units in Each</i>)			21	0	167	203	-	203		
Gross/Weapon System Cost (<i>\$ in Millions</i>)			43.931	1.613	5.640	8.569	-	8.569		
Less PY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-		
Net Procurement (P-1) (<i>\$ in Millions</i>)			43.931	1.613	5.640	8.569	-	8.569		
Plus CY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-		
Total Obligation Authority (<i>\$ in Millions</i>)			43.931	1.613	5.640	8.569	-	8.569		
<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>)			2,091.952	-	33.772	42.212	-	42.212		

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
1. Engineering Support	-	-	11.003	-	-	0.600	-	-	0.597	-	-	0.868	-	-	-	-	-	0.868
2. Engineering Change Orders	-	-	1.126	-	-	0.008	-	-	0.030	-	-	0.402	-	-	-	-	-	0.402
3. Testing	-	-	2.693	-	-	0.025	-	-	0.030	-	-	0.030	-	-	-	-	-	0.030
Fielding Support	-	-	-	-	-	-	-	-	0.030	-	-	0.030	-	-	-	-	-	0.030
4. System Assessment	-	-	2.137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Logistic Support	-	-	2.167	-	-	0.080	-	-	0.050	-	-	0.600	-	-	-	-	-	0.600
6. Data	-	-	2.176	-	-	-	-	-	-	-	-	0.060	-	-	-	-	-	0.060
7. PM Management Support	-	-	18.799	-	-	0.900	-	-	0.692	-	-	1.067	-	-	-	-	-	1.067
<i>Subtotal: Recurring Cost</i>	-	-	40.101	-	-	1.613	-	-	1.429	-	-	3.057	-	-	-	-	-	3.057
<i>Subtotal: Flyaway Cost</i>	-	-	40.101	-	-	1.613	-	-	1.429	-	-	3.057	-	-	-	-	-	3.057
Hardware Cost																		
Recurring Cost																		
3KW Power Distribution Unit	-	-	0.175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G18358 3kW/60Hz TQG Generator ^(f)	20.221	172	3.478	-	-	-	25.216	167	4.211	27.153	203	5.512	-	-	-	27.153	203	5.512
TRC Inverters	-	-	0.039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Battery Terminal Kits	-	-	0.138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60		P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:
Item Number / Title [DODIC]: R63510 / Small Tactical Electric Power		

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	3.830	-	-	-	-	-	4.211	-	-	5.512	-	-	-	-	-	5.512
<i>Subtotal: Hardware Cost</i>	-	-	3.830	-	-	-	-	-	4.211	-	-	5.512	-	-	-	-	-	5.512
Gross/Weapon System Cost	2,091.952	21	43.931	-	0	1.613	33.772	167	5.640	42.212	203	8.569	-	-	-	42.212	203	8.569

Remarks:

Engineering Change Order cost element increased from FY 2024 to FY 2025 to address component obsolescence.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	100	122	-	122
	Total Obligation Authority	1.613	3.384	5.141	-	5.141
ANG	Quantity	-	50	61	-	61
	Total Obligation Authority	-	1.692	2.571	-	2.571
AR	Quantity	-	17	20	-	20
	Total Obligation Authority	-	0.564	0.857	-	0.857
Total:	Quantity	0	167	203	-	203
Secondary Distribution	Total Obligation Authority	1.613	5.640	8.569	-	8.569

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip	Item Number / Title [DODIC]: R63510 / Small Tactical Electric Power
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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
G18358 3kW/60Hz TQG Generator ^(†)		2020	Fidelity / Reading, PA	C / FFP	ACC-APG	Sep 2020	Apr 2021	25	26.500	Y		
G18358 3kW/60Hz TQG Generator ^(†)		2021	Fidelity / Reading, PA	C / FFP	ACC-APG	Nov 2021	Sep 2022	21	25.713	Y		
G18358 3kW/60Hz TQG Generator ^(†)		2022	Fidelity / Reading, PA	C / FFP	ACC-APG	Mar 2022	Sep 2022	38	25.130	Y		
G18358 3kW/60Hz TQG Generator ^(†)		2024	Fidelity / Reading, PA	C / FFP	ACC-APG	Oct 2023	Sep 2024	167	25.216	N		
G18358 3kW/60Hz TQG Generator ^(†)		2025	Fidelity / Reading, PA	C / FFP	ACC-APG	Oct 2024	Sep 2025	203	27.153	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60 **P-1 Line Item Number / Title:** 0426MA9800 / Generators And Associated Equip **Item Number / Title [DODIC]:** R63510 / Small Tactical Electric Power

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														
G18358 3kW/60Hz TQG Generator																																												
Prior Years Deliveries: 88																																												
1		2020	ARMY	25	0	25																							A -	-	-	-	-	-	-	-	5	5	5	5	5	5	0	
1		2021	ARMY	21	0	21																																						21
1		2022	ARMY	38	0	38																																						38
1		2024	ARMY	167	0	167																																						167
1		2025	ARMY	203	0	203																																						203

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60 **P-1 Line Item Number / Title:** 0426MA9800 / Generators And Associated Equip **Item Number / Title [DODIC]:** R63510 / Small Tactical Electric Power

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022														Fiscal Year 2023														BALANCE	
O C C #	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					
G18358 3kW/60Hz TQG Generator																																			
Prior Years Deliveries: 88																																			
1		2020	ARMY	25	25	0																							0						
1		2021	ARMY	21	0	21		A	-	-	-	-	-	-	-	-	3	4	2	4	2	4	2						0						
1		2022	ARMY	38	0	38											6	6	6	6	7	7							0						
1		2024	ARMY	167	0	167																							167						
1		2025	ARMY	203	0	203																							203						

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60 **P-1 Line Item Number / Title:** 0426MA9800 / Generators And Associated Equip **Item Number / Title [DODIC]:** R63510 / Small Tactical Electric Power

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024													Fiscal Year 2025													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024													Calendar Year 2025													
							O C T	N O V	D E C	J A N	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			
G18358 3kW/60Hz TQG Generator																																	
Prior Years Deliveries: 88																																	
1		2020	ARMY	25	25	0																							0				
1		2021	ARMY	21	21	0																							0				
1		2022	ARMY	38	38	0																							0				
1		2024	ARMY	167	0	167	A	-	-	-	-	-	-	-	-	-	-	14	14	14	14	14	14	14	14	14	14	14	13	0			
1		2025	ARMY	203	0	203													A	-	-	-	-	-	-	-	-	-	17	186			
							O C T	N O V	D E C	J A N	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60 **P-1 Line Item Number / Title:** 0426MA9800 / Generators And Associated Equip **Item Number / Title [DODIC]:** R63510 / Small Tactical Electric Power

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026													Fiscal Year 2027													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026													Calendar Year 2027													
							O C T	N O V	D E C	J A N	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			
G18358 3kW/60Hz TQG Generator																																	
Prior Years Deliveries: 88																																	
1		2020	ARMY	25	25	0																							0				
1		2021	ARMY	21	21	0																							0				
1		2022	ARMY	38	38	0																							0				
1		2024	ARMY	167	167	0																							0				
1		2025	ARMY	203	17	186	17	17	17	17	17	17	17	17	17	17	17	17	16											0			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60				P-1 Line Item Number / Title: 0426MA9800 / Generators And Associated Equip				Item Number / Title [DODIC]: R63510 / Small Tactical Electric Power				
MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Fidelity - Reading, PA	144	432	720	0	0	0	0	0	0	0	0

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

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

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 60: Generators	P-1 Line Item Number / Title: 9012R42501 / Tactical Electric Power Recapitalization
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	32	6	12	12	-	12	12	-	-	-	-	74
Gross/Weapon System Cost (<i>\$ in Millions</i>)	85.585	8.761	11.088	12.051	-	12.051	12.298	2.787	0.168	0.170	-	132.908
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	85.585	8.761	11.088	12.051	-	12.051	12.298	2.787	0.168	0.170	-	132.908
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	85.585	8.761	11.088	12.051	-	12.051	12.298	2.787	0.168	0.170	-	132.908

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	2,674.531	1,460.167	924.000	1,004.250	-	1,004.250	1,024.833	-	-	-	-	1,796.054

Description:

This line provides power generation and distribution that enables the Army to employ Air and Missile Defense systems across the operational spectrum.

The Deployable Power Generation and Distribution System (DPGDS) Power Unit (PU) provides mission critical power to the Nation's strategic missile defense assets; specifically the Army/Navy Transportable Radar Surveillance (AN/TPY-2) X-Band Radar in Forward-Based Mode (FBM). These radars are critical in detecting, classifying and tracking ballistic missiles. The power unit is also used by the Army's only Prime Power Battalion to support its National Response Framework (NRF) mission, providing DoD support to civil defense and climate related disasters. The recapitalization effort leverages significant technology advancements over past 15 years and extends the economic useful life of these PUs by bringing the set back to zero hours and reduces emissions with a newer EPA Tier engine.

The recapitalized MEP-PU-810 will come in two variants, the MEP-PU-810C, a towed trailer configuration, and the MEP-PU-810D, a 5th wheel configuration DoT approved for over the road use at 55 mph. Throughout the Department of Defense, the MEP-PU-810D supports numerous missions, such as supporting the nation's Ballistic Missile Defense System.

Capabilities:

Once fielded, the MEP-PU-810C/D Power Unit (PU) will be at the center of the Army's Deployable Power Generation and Distribution System (DPGDS). Portable, multi-fuel engine driven generator rated to provide 800kW of electrical power at 4160 Volts Alternating Current (VAC) and provides the transition from tactical electric power to Shore/Host Nation power. Completely self-contained, integrated trailer. Capable of operating standalone or in a multi-unit Microgrid configuration equipped with modern, built-in controls & its own electrical distribution bus, High Altitude Electromagnetic Pulse (HEMP) hardened.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	6	7	12	-	12	12	-	-
	Total Obligation Authority	8.761	6.653	12.051	-	12.051	12.298	2.787	0.168
ANG	Quantity	-	4	-	-	-	-	-	-
	Total Obligation Authority	-	3.326	-	-	-	-	-	-
AR	Quantity	-	1	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army							Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 60: Generators					P-1 Line Item Number / Title: 9012R42501 / Tactical Electric Power Recapitalization					
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										

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
	Total Obligation Authority	-	1.109	-	-	-	-	-	-	-
Total:	Quantity	6	12	12	-	12	12	-	-	-
Secondary Distribution	Total Obligation Authority	8.761	11.088	12.051	-	12.051	12.298	2.787	0.168	0.170

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 60: Generators **P-1 Line Item Number / Title:** 9012R42501 / Tactical Electric Power Recapitalization

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	R42511 / RECAP of DPGDS (840k)	P-5a, P-21			32 / 85.585	6 / 8.761	12 / 11.088	12 / 12.051	- / -	12 / 12.051
P-40	Total Gross/Weapon System Cost				32 / 85.585	6 / 8.761	12 / 11.088	12 / 12.051	- / -	12 / 12.051

*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 2025 Base procurement dollars of \$12.051 million will procure twelve power units (PU) to support continuation of the Deployable Power Generation & Distribution System (DPGDS) PU Recapitalization production and fielding as well as Investment Spares, Initial Spares and Mission Readiness Support Package (MRSP) Kits.

Power Units supporting the AN/TPY-2 Forward-Based Mode (FBM) radar sites and 249th Engineer Battalion (Prime Power) are at or are quickly approaching overhaul thresholds-taxing the 249th EN BN to complete/manage repairs and increasing the urgency of the recap effort.

Once fielded, the MEP-PU-810C/D will be the center of the U.S. Army's DPGDS. This 4160 VAC power unit provides the transition from tactical electric power to Shore/Host Nation power. The system enables the U.S. Army Corps of Engineer's support to the National Response Framework (NRF) to include climate related Disaster Relief and contingency basing/operations.

This program extends the service life, stabilizes the rate of the growth of operating and support costs, improves reliability, maintainability, availability safety and the efficiency of the existing fleet. Subsequently, the RECAP leverages the tremendous advancement in technology and will consist primarily of integrating readily available, commercially proven components into an existing ruggedized package with a new EPA Tier engine to reduce emissions.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), these items are 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 2025 Army											Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60						P-1 Line Item Number / Title: 9012R42501 / Tactical Electric Power Recapitalization					Item Number / Title [DODIC]: R42511 / RECAP of DPGDS (840k)				
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:								
Resource Summary				Prior Years		FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	
Procurement Quantity (Units in Each)				32		6		12		12		-		12	
Gross/Weapon System Cost (\$ in Millions)				85.585		8.761		11.088		12.051		-		12.051	
Less PY Advance Procurement (\$ in Millions)				-		-		-		-		-		-	
Net Procurement (P-1) (\$ in Millions)				85.585		8.761		11.088		12.051		-		12.051	
Plus CY Advance Procurement (\$ in Millions)				-		-		-		-		-		-	
Total Obligation Authority (\$ in Millions)				85.585		8.761		11.088		12.051		-		12.051	
<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)				2,674.531		1,460.167		924.000		1,004.250		-		1,004.250	

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Engineering Support	-	-	10.150	-	-	0.820	-	-	0.600	-	-	0.670	-	-	-	-	-	0.670
Engineering Change Orders	-	-	2.004	-	-	0.416	-	-	-	-	-	-	-	-	-	-	-	-
Testing	-	-	17.881	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-
System Fielding Support	-	-	1.711	-	-	0.550	-	-	0.385	-	-	0.400	-	-	-	-	-	0.400
Logistics Support	-	-	7.279	-	-	0.730	-	-	0.413	-	-	0.550	-	-	-	-	-	0.550
Data	-	-	1.170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Assessment	-	-	0.873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PM Management Support	-	-	9.217	-	-	1.173	-	-	1.950	-	-	2.123	-	-	-	-	-	2.123
<i>Subtotal: Recurring Cost</i>	-	-	50.285	-	-	3.789	-	-	3.348	-	-	3.743	-	-	-	-	-	3.743
<i>Subtotal: Flyaway Cost</i>	-	-	50.285	-	-	3.789	-	-	3.348	-	-	3.743	-	-	-	-	-	3.743
Hardware Cost																		
Recurring Cost																		
GENERATOR SET: DIESEL ENGINE MEP-810C	365.000	2	0.730	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GENERATOR SET: DIESEL ENGINE MEP-810D ^(t)	584.615	50	29.231	660.000	7	4.620	645.000	12	7.740	680.000	12	8.160	-	-	-	680.000	12	8.160
Initial spares and Mission Readiness	-	-	5.339	-	-	0.352	-	-	-	-	-	0.148	-	-	-	-	-	0.148

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 9012R42501 / Tactical Electric Power Recapitalization	Item Number / Title [DODIC]: R42511 / RECAP of DPGDS (840k)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Spares Package (MRSP) Kits																		
<i>Subtotal: Recurring Cost</i>	-	-	35.300	-	-	4.972	-	-	7.740	-	-	8.308	-	-	-	-	-	8.308
<i>Subtotal: Hardware Cost</i>	-	-	35.300	-	-	4.972	-	-	7.740	-	-	8.308	-	-	-	-	-	8.308
Gross/Weapon System Cost	2,674.531	32	85.585	1,460.167	6	8.761	924.000	12	11.088	1,004.250	12	12.051	-	-	-	1,004.250	12	12.051

Remarks:

FY23 qty should reflect 7 on P40.
Prior year qty should reflect 52 on P40.

IAW the terms and conditions of the contract, the Government exercised the Economic Price Redetermination clause.

Negotiated new production pricing reflects the current fiscal climate, COVID-19, labor resources, higher inflation, raw material, supply chain, and transportation issues.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	6	7	12	-	12
	Total Obligation Authority	8.761	6.653	12.051	-	12.051
ANG	Quantity	-	4	-	-	-
	Total Obligation Authority	-	3.326	-	-	-
AR	Quantity	-	1	-	-	-
	Total Obligation Authority	-	1.109	-	-	-
Total: Secondary Distribution	Quantity	6	12	12	-	12
	Total Obligation Authority	8.761	11.088	12.051	-	12.051

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60			P-1 Line Item Number / Title: 9012R42501 / Tactical Electric Power Recapitalization				Item Number / Title [DODIC]: R42511 / RECAP of DPGDS (840k)				

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
GENERATOR SET: DIESEL ENGINE MEP-810D ^(†)		2020	PD Power Systems / Springfield,VA	C / FFP	ACC-APG Fort Belvoir	Jun 2020	Jan 2021	12	525.000	Y		
GENERATOR SET: DIESEL ENGINE MEP-810D ^(†)		2021	PD Power Systems / Springfield,VA	C / FFP	ACC-APG Fort Belvoir	Apr 2021	Oct 2021	22	580.000	Y		
GENERATOR SET: DIESEL ENGINE MEP-810D ^(†)		2022	PD Power Systems / Springfield,VA	C / FFP	ACC-APG Fort Belvoir	Feb 2022	Aug 2022	12	600.000	Y		
GENERATOR SET: DIESEL ENGINE MEP-810D ^(†)		2023	PD Power Systems / Springfield,VA	C / FFP	ACC-APG Fort Belvoir	Mar 2023	Sep 2023	7	660.000	Y		
GENERATOR SET: DIESEL ENGINE MEP-810D ^(†)		2024	PD Power Systems / Springfield,VA	C / FFP	ACC-APG Fort Belvoir	Mar 2024	Sep 2024	12	645.000	Y		
GENERATOR SET: DIESEL ENGINE MEP-810D ^(†)		2025	PD Power Systems / Springfield,VA	C / FFP	ACC-APG Fort Belvoir	Nov 2024	May 2025	12	680.000	N		

^(†) indicates the presence of a P-21

Remarks:
 In addition to procuring the MEP-PU-810 C/D Power Unit, the OPA will also procure:
 Investment Spares
 Initial Spares
 Mission Readiness Support Package (MRSP) Kits

All production rates shown on a yearly basis. Manufacturer has multiple products that contribute to the minimum production rate.

"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-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60 **P-1 Line Item Number / Title:** 9012R42501 / Tactical Electric Power Recapitalization **Item Number / Title [DODIC]:** R42511 / RECAP of DPGDS (840k)

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
GENERATOR SET: DIESEL ENGINE MEP-810D																															
Prior Years Deliveries: 4																															
1		2020	ARMY	12	0	12																								0	
1		2021	ARMY	22	0	22																								22	
1		2022	ARMY	12	0	12																								12	
1		2023	ARMY	7	0	7																								7	
1		2024	ARMY	12	0	12																								12	
1		2025	ARMY	12	0	12																								12	
							O C T	N O V	D E C	J A N	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 9012R42501 / Tactical Electric Power Recapitalization	Item Number / Title [DODIC]: R42511 / RECAP of DPGDS (840k)
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022												Fiscal Year 2023												B A L A N C E				
O C C #	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			
GENERATOR SET: DIESEL ENGINE MEP-810D																																		
Prior Years Deliveries: 4																																		
1		2020	ARMY	12	12	0																							0					
1		2021	ARMY	22	0	22	2	2	2	2	2	2	2	2	2	2													0					
1		2022	ARMY	12	0	12					A	-	-	-	-	-	2	2	2	2	2								0					
1		2023	ARMY	7	0	7																				A	-	-	-	-	-	-	1	6
1		2024	ARMY	12	0	12																											12	
1		2025	ARMY	12	0	12																											12	
							O C T	N O V	D E C	J A N	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60 **P-1 Line Item Number / Title:** 9012R42501 / Tactical Electric Power Recapitalization **Item Number / Title [DODIC]:** R42511 / RECAP of DPGDS (840k)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024												Fiscal Year 2025												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024												Calendar Year 2025												
							O C T	N O V	D E C	J A N	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
GENERATOR SET: DIESEL ENGINE MEP-810D																															
Prior Years Deliveries: 4																															
1		2020	ARMY	12	12	0																							0		
1		2021	ARMY	22	22	0																							0		
1		2022	ARMY	12	12	0																							0		
1		2023	ARMY	7	1	6	1	1	1	1	1	1																	0		
1		2024	ARMY	12	0	12						A -	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	0			
1		2025	ARMY	12	0	12													A -	-	-	-	-	-	-	1	1	1	7		

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60 **P-1 Line Item Number / Title:** 9012R42501 / Tactical Electric Power Recapitalization **Item Number / Title [DODIC]:** R42511 / RECAP of DPGDS (840k)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026												Fiscal Year 2027												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026												Calendar Year 2027												
							O C T	N O V	D E C	J A N	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
GENERATOR SET: DIESEL ENGINE MEP-810D																															
Prior Years Deliveries: 4																															
1		2020	ARMY	12	12	0																							0		
1		2021	ARMY	22	22	0																							0		
1		2022	ARMY	12	12	0																							0		
1		2023	ARMY	7	7	0																							0		
1		2024	ARMY	12	12	0																							0		
1		2025	ARMY	12	5	7		1		1		1		1		1		1		1		1		1		1		1	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 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 60	P-1 Line Item Number / Title: 9012R42501 / Tactical Electric Power Recapitalization	Item Number / Title [DODIC]: R42511 / RECAP of DPGDS (840k)
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	PD Power Systems - Springfield,VA	36	48	96	6	8	5	13	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 65: Material Handling Equipment	P-1 Line Item Number / Title: 5558G41001 / Family Of Forklifts
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	297	61	97	51	-	51	92	90	85	86	-	859
Gross/Weapon System Cost (<i>\$ in Millions</i>)	153.067	9.308	12.982	7.849	-	7.849	12.902	12.911	12.563	12.687	-	234.269
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	153.067	9.308	12.982	7.849	-	7.849	12.902	12.911	12.563	12.687	-	234.269
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	153.067	9.308	12.982	7.849	-	7.849	12.902	12.911	12.563	12.687	-	234.269

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	515.377	152.590	133.835	153.902	-	153.902	140.239	143.456	147.800	147.523	-	272.723

Description:

The Family of Forklifts includes several platforms. Near-term procurements focus on modernizing the fleet through 5K Light Capability Rough Terrain Forklift (LCRTF) production and a replacement for the All-Terrain Lifter, Army System (ATLAS).

The LCRTF enables the current and future multi-domain maneuver force by equipping Maneuver, Maneuver Support, and Sustainment Units with the capability to handle, transport, and stack materials, thereby addressing during Large Scale Combat Operations (LSCO) Gap 10. The LCRTF is required to clear landing zones of supplies and equipment, load and unload combat vehicles and aircraft, and move some artillery assets and supplies. The LCRTF is the only rugged forklift in the U.S. Army's inventory which can rapidly enter, pack, and unpack ISO containers; load and unload tactical vehicles and trailers; and lift and move light equipment and cargo. This system is Critical Dual-Use Equipment. LCRTF Army Acquisition Objective (AAO) is 2,838.

The All-Terrain Lifter, Army System (ATLAS) is a variable reach, rough terrain forklift with 10,000 lb lift capability. The ATLAS primary missions include handling all classes of supply, load and unload of standard Army pallets in ISO containers, handling break-bulk cargo and loads weighing up to 10,000 LBS on Air Force 463L pallets. It is a key component to the Army's Container Oriented Distribution System which is essential to the deployment of an Expeditionary Army and sustainment of a deployed force. The ATLAS forklift mobility capabilities support all the Army's Brigade Combat Teams and units from seven branches (Transportation, Quartermaster, Ordnance, Missile & Munitions, Engineer, Aviation and Medical). Crew survivability is being addressed in accordance with the Army's Long Term Armor Strategy (ALTAS). The ATLAS is a military unique vehicle. It operates in all terrains, has cross country mobility, and road speed of 23 Miles per Hour (MPH) and is C130 air transportable. The ATLAS is capable of performing all mission requirements and meets EPA Tier III emissions requirements, with increased reliability and survivability. The ATLAS system is a Critical Dual- Use system enabling and supporting DSCA operations (i.e. Disaster Relief). ATLAS Army Acquisition Objective (AAO) is 2878.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	24	40	20	-	20	36	35	36	33
	Total Obligation Authority	3.660	5.353	3.061	-	3.061	5.032	5.036	4.899	4.940
ANG	Quantity	13	21	11	-	11	20	20	19	19
	Total Obligation Authority	1.984	2.811	1.727	-	1.727	2.838	2.840	2.764	2.787
AR	Quantity	24	36	20	-	20	36	35	30	34

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 65: Material Handling Equipment	P-1 Line Item Number / Title: 5558G41001 / Family Of Forklifts
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
	Total Obligation Authority	3.664	4.818	3.061	-	3.061	5.032	5.035	4.900	4.960
Total:	Quantity	61	97	51	-	51	92	90	85	86
Secondary Distribution	Total Obligation Authority	9.308	12.982	7.849	-	7.849	12.902	12.911	12.563	12.687

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 65: Material Handling Equipment **P-1 Line Item Number / Title:** 5558G41001 / Family Of Forklifts

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	G41002 / 5K LIGHT CAPABILITY ROUGH TERRAIN (LCRT) FORKLIFT	P-5a	A		297 / 153.067	61 / 9.308	97 / 12.982	51 / 7.849	- / -	51 / 7.849
P-40	Total Gross/Weapon System Cost				297 / 153.067	61 / 9.308	97 / 12.982	51 / 7.849	- / -	51 / 7.849

*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 2025 Base procurement dollars in the amount of \$7.849 million will procure 51 Light Capability Rough Terrain Forklift (LCRTF) systems, support equipment, program support, transportation, and fielding costs to support Base requirements.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the Active and Reserve and National Guard 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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 65	P-1 Line Item Number / Title: 5558G41001 / Family Of Forklifts	Item Number / Title [DODIC]: G41002 / 5K LIGHT CAPABILITY ROUGH TERRAIN (LCRT) FORKLIFT

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		297	61	97	51	-	51
Gross/Weapon System Cost (\$ in Millions)		153.067	9.308	12.982	7.849	-	7.849
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		153.067	9.308	12.982	7.849	-	7.849
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		153.067	9.308	12.982	7.849	-	7.849
<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)		515.377	152.590	133.835	153.902	-	153.902

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Hardware ^(†)	70.365	1,991	140.097	101.738	61	6.206	100.134	97	9.713	103.784	51	5.293	-	-	-	103.784	51	5.293
System Engineering/ Program Management	-	-	-	-	-	0.717	-	-	1.060	-	-	-	-	-	-	-	-	-
Data	-	-	-	-	-	0.202	-	-	0.462	-	-	-	-	-	-	-	-	-
Support Equipment	17.727	99	1.755	7.467	15	0.112	7.636	44	0.336	7.867	15	0.118	-	-	-	7.867	15	0.118
Fielding	-	-	-	-	-	1.358	-	-	1.071	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	0.165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding - Transportation FDT	-	-	-	-	-	0.224	-	-	0.340	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	142.017	-	-	8.819	-	-	12.982	-	-	5.411	-	-	-	-	-	5.411
Non Recurring Cost																		
System Engineering/ Program Management	-	-	0.719	-	-	0.489	-	-	-	-	-	0.614	-	-	-	-	-	0.614
System Test and Evaluation, Production	-	-	0.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding - Transportation FDT	-	-	3.602	-	-	-	-	-	-	-	-	0.163	-	-	-	-	-	0.163
Subtotal: Non Recurring Cost	-	-	4.621	-	-	0.489	-	-	-	-	-	0.777	-	-	-	-	-	0.777
Subtotal: Flyaway Cost	-	-	146.638	-	-	9.308	-	-	12.982	-	-	6.188	-	-	-	-	-	6.188
Package Fielding Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 65		P-1 Line Item Number / Title: 5558G41001 / Family Of Forklifts
		Item Number / Title [DODIC]: G41002 / 5K LIGHT CAPABILITY ROUGH TERRAIN (LCRT) FORKLIFT
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Fielding	-	-	4.394	-	-	-	-	-	-	-	-	1.190	-	-	-	-	-	1.190
<i>Subtotal: Non Recurring Cost</i>	-	-	4.394	-	-	-	-	-	-	-	-	1.190	-	-	-	-	-	1.190
<i>Subtotal: Package Fielding Cost</i>	-	-	4.394	-	-	-	-	-	-	-	-	1.190	-	-	-	-	-	1.190
Logistics Cost																		
Recurring Cost																		
Data	-	-	2.035	-	-	-	-	-	-	-	-	0.471	-	-	-	-	-	0.471
<i>Subtotal: Recurring Cost</i>	-	-	2.035	-	-	-	-	-	-	-	-	0.471	-	-	-	-	-	0.471
<i>Subtotal: Logistics Cost</i>	-	-	2.035	-	-	-	-	-	-	-	-	0.471	-	-	-	-	-	0.471
Gross/Weapon System Cost	515.377	297	153.067	152.590	61	9.308	133.835	97	12.982	153.902	51	7.849	-	-	-	153.902	51	7.849

Remarks:

Budget for cost elements remain constant throughout budget years on P-5. Duplication is result of streamlining cost element reporting.

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	24	40	20	-	20
	Total Obligation Authority	3.660	5.353	3.061	-	3.061
ANG	Quantity	13	21	11	-	11
	Total Obligation Authority	1.984	2.811	1.727	-	1.727
AR	Quantity	24	36	20	-	20
	Total Obligation Authority	3.664	4.818	3.061	-	3.061
Total: Secondary Distribution	Quantity	61	97	51	-	51
	Total Obligation Authority	9.308	12.982	7.849	-	7.849

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 65			P-1 Line Item Number / Title: 5558G41001 / Family Of Forklifts				Item Number / Title [DODIC]: G41002 / 5K LIGHT CAPABILITY ROUGH TERRAIN (LCRT) FORKLIFT				

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
Hardware		2023	JCB Inc. / Pooler, GA	C / FFP	Detroit Arsenal, MI	Mar 2023	Aug 2023	61	101.738	N		
Hardware		2024	JCB Inc. / Pooler, GA	C / FFP	Detroit Arsenal, MI	Dec 2023	Oct 2024	97	100.134	N		
Hardware		2025	JCB Inc. / Pooler, GA	C / FFP	Detroit Arsenal, MI	Nov 2024	Apr 2025	51	103.784	N		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment	P-1 Line Item Number / Title: 1780MA6600 / Combat Training Centers Support
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604715A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	2,391	23	6	2	-	2	2	1	1	1	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,128.230	48.044	56.619	40.686	-	40.686	36.567	31.302	31.451	32.019	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,128.230	48.044	56.619	40.686	-	40.686	36.567	31.302	31.451	32.019	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,128.230	48.044	56.619	40.686	-	40.686	36.567	31.302	31.451	32.019	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>)	890.100	2,088.870	9,436.500	20,343.000	-	20,343.000	18,283.500	31,302.000	31,451.000	32,019.000	Continuing	Continuing

Description:

The Combat Training Centers (CTCs) are the Army's premiere collective training centers. The CTCs provide high-fidelity Live, Virtual and Constructive (LVC) Brigade training rotations which prepare Brigade Combat Teams, Joint partners, and supporting units to deploy in support of the Army's Sustainable Readiness Model (SRM). The CTC program supports the National Training Center (NTC), the Joint Readiness Training Center (JRTC), and the Joint Multinational Readiness Center (JMRC). The CTCs primary goal is to develop agile and adaptive leaders at the tactical, operational and strategic levels while providing BCTs the core training necessary to conduct decisive action in a dynamic operating environment.

The Combat Training Center Instrumentation System (CTC-IS) is a communications, analysis and feedback system that provides a realistic operational environment for training the Brigade Combat Team (BCT) and below in preparation for deployment to conduct Unified Land Operations (ULO). It is comprised of voice, video, and data instrumentation subsystem networks that include software, hardware, work stations, base-station equipment, communications infrastructure, voice radios, data devices, and interfaces. The Instrumentation System provides the Combat Trainer (CT) critical situational awareness for training safety, analysis, and feedback capabilities to conduct After Action Reviews (AARs).

Training Aircraft Survivability Equipment (ASE) Stimulation Suite (TASS) is a live training system that utilizes Aircraft Survivability Equipment B-Kit Emulator (ABE) software application to support the need for units to replicate the Operational Environment (OE) at Maneuver Combat Training Center (MCTC) requirement. TASS supports U.S. Army helicopters during force-on-force exercises in the live training environment of the maneuver Combat Training Center (CTC). TASS consist of airborne and ground transceivers that exchange position and engagement data between the Aircraft Survivability Equipment (ASE) simulation, Ground Threat Emitters (GTE), and the CTC Instrumentation System (IS). Aircrafts use tracking and engagement data collected by the CTC- IS and is displayed as training performance feedback in an AAR.

Threat Integrated Air Defense System (TIADS) will provide for an enhanced OE to support evolving and realistic training requirement at MCTCs. The TIADS consists of five components; the Training Aircraft Survivability Equipment (ASE) Stimulation Suite (TASS), Ground Threat Emitter (GTE), Visual Modification (VISMOD), Man-Portable Air Defense Systems (MANPADS) and the Radar Signal Emulator (RSE) which replicates an enemy multi-layered, short range, medium and high altitude air-defense system to execute unified land operations against the current or projected threat. The TIADS creates the ways and means needed to challenge rotational training units with an opposing force air defense threat. TIADS moves to NA0110000 in FY 2024.

The Opposing Forces (OPFOR) Surrogate Wheeled Vehicles (OSWV) program procures technical wheeled vehicles, unique VISMODs, and Civilian on the Battlefield Vehicles (COBVs). This capability provides for a more realistic replication of OPFOR and Civilians on the Battlefield (COB) vehicle environment that rotational units must train against.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment	P-1 Line Item Number / Title: 1780MA6600 / Combat Training Centers Support
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604715A
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Line Item MDAP/MAIS Code: N/A

Independent Commercially Compatible Cellular Network System (IC3NS) provides a closed loop, commercially available cell phone communications infrastructure at the CTCs that portrays the OPFOR cellular telephone network portion of the Operating Environment to allow BCTs to train on exploit/defeat the network tasks.

The Opposing Force Mechanized Vehicle Replication (OMVR) will consist of a common Army tracked platform that uses modular VISMODs. This capability will allow the Opposing Forces to replicate five of the six warfighting functions. This replication will train Army units to synchronize all Intelligence, Surveillance, and Reconnaissance (ISR) assets available to the Brigade Combat Rotational Training Unit (RTU) across the depth and breadth of the training area and provide the Opposing Force (OPFOR) and the Army with a sustainable system that is safe for Soldiers to operate and maintain.

Cyber Environment Replication (CER) supports the Maneuver Combat Training Center (MCTC) live training OE, which must portray emerging, hybrid, and future threats within operational doctrine and organizational Tactics Techniques and Procedures. MCTCs must reflect the 21st Century OE and be equipped to replicate the capabilities of a hybrid threat on future battlefields. The OE will be full-spectrum capable, and enable training forces to employ asymmetrical tactics in order to attack or employ modern information systems so as to achieve RTU objectives.

The Opposing Forces (OPFOR) Attack Aircraft Shoot-back Capability (OA2SBC) program procures and installs instrumentation capabilities on the Light Utility Helicopter (LUH) and for the Instrumentation System (IS) to track newly fielded Light Utility Helicopters (LUH) performing Observer/Controller (OC) and OPFOR roles at the three CTCs. The CTC Aviation program provides the capabilities to communicate with LUH organic onboard radios via the CTC ground-based Observer Controller Communications Systems (OCCS). The OPFOR capability provides a high-fidelity threat to the Blue Forces (BLUFOR) in training at the CTCs and the OC capability provides and aids the control of the CTC exercises to ultimately achieve the objective of improved and sustained readiness of the force.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	23	6	2	-	2	2	1	1	1
	Total Obligation Authority	48.044	56.619	40.686	-	40.686	36.567	31.302	31.451	32.019
Total: Secondary Distribution	Quantity	23	6	2	-	2	2	1	1	1
	Total Obligation Authority	48.044	56.619	40.686	-	40.686	36.567	31.302	31.451	32.019

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment

P-1 Line Item Number / Title:
1780MA6600 / Combat Training Centers Support

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604715A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	MA6601 / Combat Training Centers (CTC) Support	P-5a			2,391 / 2,128.230	23 / 48.044	6 / 56.619	2 / 40.686	- / -	2 / 40.686
P-40	Total Gross/Weapon System Cost				2,391 / 2,128.230	23 / 48.044	6 / 56.619	2 / 40.686	- / -	2 / 40.686

*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 2025 Base procurement dollars in the amount of \$40.686 million supports the following efforts:

FY 2025 Combat Training Center Instrumentation System (CTC-IS) Base procurement dollars in the amount of \$30.799 million procures essential lifecycle activities on the existing subsystems of the fielded Instrumentation Systems located at the National Training Center (NTC), Joint Readiness Training Center (JRTC), and the Joint Multinational Readiness Center (JMRC). These essential lifecycle activities consist of Information Technology (IT) Hardware Replacement, Continuous Technology Refresh (CTR), and Post Deployment Software Support (PDSS) to ensure that the Instrumentation System subsystems do not become obsolete and that there is a continuing evolution of system capability over the lifecycle of the Instrumentation Systems at the three Combat Training Centers.

FY 2025 Base procurement dollars in the amount of \$2.004 million for CTC IS OPA Military Construction (MILCON) tails is required to procure initial spares for the instrumentation system being install as part of the FY 2024 communication towers effort which installs two communication tower sites and all its supporting equipment at the National Training Center in support of Army Rotational Training Units (RTU). These funds are also required to procure Interim Contractor Support (ICS) to allow the PMO time to transfer maintenance and sustainment tasks to the TADDS Support Operations (TSO) for life cycle sustainment. In addition, these funds are required to procure Mobile Access Nodes (MAN) to augment network connectivity in areas where there are dead spaces.

FY 2025 OPFOR Surrogate Wheeled Vehicles (OSWV) program base procurement dollars in the amount of \$1.724 million will fund the Continuous Technology Refresh (CTR) of 20% of the fielded Civilian on the Battlefield Vehicles (COBV) & Tactical Vehicles.

FY 2025 Independent Commercially Compatible Cellular Network system (IC3NS) dollars in the amount of \$5.461 million will be utilized to deploy both 5G non-standalone and 5G standalone cellular capabilities at the National Training Center (NTC). This will enable the Rotational Training Unit (RTU) more freedom of mobility when conducting Information Operations on the replicated internet. Additionally, this will allow expanded cyber, Electronic Warfare (EW), and Signal Intelligence (SIGINT) operations at both centers on an operationally realistic network representative of our near peer adversaries. Finally, the team will continue to support network operations and employ white card EW, cyber, and SIGINT effects on the RTU.

FY 2025 Base procurement dollars in the amount of \$0.011 million for OMVR procures flat racks for Visual Modification (VISMOD) material handling and storage. Flat racks are required to assist with material handling and storage necessary to protect and maneuver the VISMOS until they are ready to ship to the CTCs.

FY 2025 Base procurement dollars in the amount of \$0.687 million for Opposing Forces (OPFOR) Attack Aircraft Shoot-back Capability (OA2SBC) procures Continuous Technology Refresh (CTR) of fielded systems.

"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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 1780MA6600 / Combat Training Centers Support	Item Number / Title [DODIC]: MA6601 / Combat Training Centers (CTC) Support

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		2,391	23	6	2	-	2
Gross/Weapon System Cost (\$ in Millions)		2,128.230	48.044	56.619	40.686	-	40.686
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		2,128.230	48.044	56.619	40.686	-	40.686
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		2,128.230	48.044	56.619	40.686	-	40.686
<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)		890.100	2,088.870	9,436.500	20,343.000	-	20,343.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Combat Training Center Instrumentation System (CTC-IS) Modernization ^(†)	128.448	1,111	142.706	2,177.000	1	2.177	1,340.000	1	1.340	903.000	1	0.903	-	-	-	903.000	1	0.903
Combat Training Center Instrumentation System (CTC-IS) Essential Lifecycle Activities	-	-	1,522.204	-	-	19.927	-	-	12.288	-	-	14.446	-	-	-	-	-	14.446
CTC LIVE FIRE MOD Stationary Infantry Targets (SIT) Kits	8.970	642	5.759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC LIVE FIRE MOD Integration	-	-	1.781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC LIVE FIRE MOD Kits	10.357	3,645	37.752	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC MOUT-IS Continuous Tech Refresh	-	-	17.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC MOUT-IS Instrumentation	3,377.818	11	37.156	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPFOR Integrated Air Defense System (IADS) TASS	-	-	6.445	-	-	1.802	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 1780MA6600 / Combat Training Centers Support	Item Number / Title [DODIC]: MA6601 / Combat Training Centers (CTC) Support
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
OPFOR Integrated Air Defense System (IADS) TASS Mobile VISMOSDS ^(f)	-	-	6.830	48.600	20	0.972	-	-	-	-	-	-	-	-	-	-	-	-
OPFOR Integrated Air Defense System (IADS) TASS Interim Contract Support	-	-	0.495	-	-	0.253	-	-	-	-	-	-	-	-	-	-	-	-
OPFOR Integrated Air Defense System (IADS) TASS Initial Spares Package	-	-	2.540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPFOR Integrated Air Defense System (IADS) RSE	6,445.750	4	25.783	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Opposing Forces (OPFOR) Surrogate Wheeled Vehicle (OSWV) Visual Modifications	201.811	159	32.088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Opposing Forces (OPFOR) Surrogate Wheeled Vehicle (OSWV) Spares and Basic Issue Items	-	-	2.779	-	-	2.186	-	-	-	-	-	-	-	-	-	-	-	-
Opposing Forces (OPFOR) Surrogate Wheeled Vehicle (OSWV) Interim Contract Support	-	-	0.761	-	-	2.984	-	-	-	-	-	-	-	-	-	-	-	-
Opposing Forces (OPFOR) Surrogate Wheeled Vehicle (OSWV) Technical Vehicles	91.120	50	4.556	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Opposing Forces (OPFOR) Surrogate Wheeled Vehicle (OSWV) Thermal Sight Units	-	-	1.320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Opposing Forces (OPFOR) Surrogate Wheeled Vehicle (OSWV) Continuous Technical Refresh	-	-	-	-	-	-	-	-	1.371	-	-	1.461	-	-	-	-	-	1.461

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 1780MA6600 / Combat Training Centers Support						Item Number / Title [DODIC]: MA6601 / Combat Training Centers (CTC) Support					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
IC3NS HW Components ^(f)	1,567.750	8	12.542	1,141.500	2	2.283	1,859.500	2	3.719	5,461.000	1	5.461	-	-	-	5,461.000	1	5.461
Direct Injection Jammer (DIJ)	7.017	1,070	7.508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EW/Space/Cyber	2,489.778	9	22.408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Opposing Forces (OPFOR) Surrogate Vehicles (OSV) Tank Thermal Sights (TTS)	211.812	260	55.071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Opposing Forces (OPFOR) Vehicles Conversion	884.615	26	23.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPFOR WEAPONS (MBT, OSV & SLM) kits	19.450	626	12.176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPFOR Attack Aircraft Shoot-back Capability (OA2SBC)	-	-	0.469	-	-	-	-	-	-	-	-	0.687	-	-	-	-	-	0.687
CTC Aviation Shootback Kits	2,012.083	12	24.145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JPMRC-IS Congressional Add	-	-	15.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC IS OPA Tails	-	-	-	-	-	-	-	-	15.588	-	-	2.004	-	-	-	-	-	2.004
Cyber Environment Replication (CER) ^(f)	-	-	-	-	-	-	2,160.000	3	6.480	-	-	-	-	-	-	-	-	-
Opposing Force Mechanized Vehicle Replication (OMVR)	-	-	-	-	-	-	-	-	-	11.000	1	0.011	-	-	-	11.000	1	0.011
<i>Subtotal: Recurring Cost</i>	-	-	<i>2,020.679</i>	-	-	<i>32.584</i>	-	-	<i>40.786</i>	-	-	<i>24.973</i>	-	-	-	-	-	<i>24.973</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>2,020.679</i>	-	-	<i>32.584</i>	-	-	<i>40.786</i>	-	-	<i>24.973</i>	-	-	-	-	-	<i>24.973</i>
Software Cost																		
Recurring Cost																		
Combat Training Center Instrumentation System (CTC-IS) Post Deployment Software Support	-	-	37.854	-	-	9.457	-	-	10.697	-	-	10.306	-	-	-	-	-	10.306
OPFOR Integrated Air Defense System (IADS) LT2 Post	-	-	0.510	-	-	0.161	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 1780MA6600 / Combat Training Centers Support	Item Number / Title [DODIC]: MA6601 / Combat Training Centers (CTC) Support

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Deployment Software Support																		
<i>Subtotal: Recurring Cost</i>	-	-	38.364	-	-	9.618	-	-	10.697	-	-	10.306	-	-	-	-	-	10.306
<i>Subtotal: Software Cost</i>	-	-	38.364	-	-	9.618	-	-	10.697	-	-	10.306	-	-	-	-	-	10.306
Logistics Cost																		
Recurring Cost																		
Opposing Forces (OPFOR) Surrogate Wheeled Vehicle (OSWV) Transportation	-	-	4.159	-	-	0.715	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	4.159	-	-	0.715	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics Cost</i>	-	-	4.159	-	-	0.715	-	-	-	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Contractor Management	-	-	64.075	-	-	4.293	-	-	4.447	-	-	3.926	-	-	-	-	-	3.926
Government Management	-	-	0.954	-	-	0.834	-	-	0.689	-	-	1.481	-	-	-	-	-	1.481
<i>Subtotal: Support - Program Management Cost</i>	-	-	65.029	-	-	5.127	-	-	5.136	-	-	5.407	-	-	-	-	-	5.407
Gross/Weapon System Cost	890.100	2,391	2,128.230	2,088.870	23	48.044	9,436.500	6	56.619	20,343.000	2	40.686	-	-	-	20,343.000	2	40.686

Remarks:

Program Management contains those costs associated with CTC-IS and OSWV.
 FY 2025 CTC-IS Contractor Management \$3.746 million and Government Management \$1.398 million total of \$5.144 million.
 FY 2025 OSWV Contractor and Government Management totals \$0.263 million.

The CTC-IS program consists of Instrumentation Systems at three CTC locations, each with multiple subsystems and unique modernization and lifecycle requirements. The funding for modernization and essential lifecycle activities varies year to year based on the equipment fielded and the corresponding requirement to replace or refresh. The FY 2025 lifecycle activities for the CTC-IS include replacing end-of-life communications, network and edge devices at all three CTCs, including Target Individual Player Units (IPUs).

Opposing Forces (OPFOR) Surrogate Wheeled Vehicle (OSWV) program has shifted to a Continuous Tech Refresh (CTR) cycle of refreshing 20% of the fielded fleet annually starting in FY2024.

The IC3NS increase for FY 2025 unit cost is purchasing all of the required hardware to deploy a new 5G IC3NS system for the Joint Multinational Readiness Center (JMRC). FY 2024 unit costs consisted of upgrades to two existing systems at National Training Center (NTC) and Joint Readiness Training Center (JRTC).

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 1780MA6600 / Combat Training Centers Support	Item Number / Title [DODIC]: MA6601 / Combat Training Centers (CTC) Support

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	23	6	2	-	2
	Total Obligation Authority	48.044	56.619	40.686	-	40.686
Total: Secondary Distribution	Quantity	23	6	2	-	2
	Total Obligation Authority	48.044	56.619	40.686	-	40.686

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 1780MA6600 / Combat Training Centers Support	Item Number / Title [DODIC]: MA6601 / Combat Training Centers (CTC) Support
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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 (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Combat Training Center Instrumentation System (CTC-IS) Modernization		2023	Advanced IT Concepts, INC. / Winter Springs, FL	C / FFP	ACC, Orlando, FL	Jul 2023	Jul 2024	1	2,177.000	Y		
Combat Training Center Instrumentation System (CTC-IS) Modernization		2024	TBS (CTC IS) / TBS	C / FFP	ACC, Orlando, FL	Jul 2024	Jul 2025	1	1,340.000	Y		
Combat Training Center Instrumentation System (CTC-IS) Modernization		2025	TBS (CTC IS) / TBS	C / CPIF	ACC, Orlando	Nov 2024	Aug 2025	1	903.000	N		
OPFOR Integrated Air Defense System (IADS) TASS Mobile VISMODS		2023	Letterkenny Army Depot / Chambersburg, PA	MIPR	N/A	Apr 2023	Sep 2023	20	48.600	Y		
IC3NS HW Components		2023	Scientific Research Corp (DIJ) / Huntsville, AL	Option / IDIQ	ACC, Orlando, FL	Jun 2023	Aug 2023	2	1,141.500	Y		
IC3NS HW Components		2024	Scientific Research Corp (IC3NS) / Norfolk, VA	Option / IDIQ	ACC, Redstone Arsenal, AL	Jan 2024	Aug 2024	2	1,859.500	Y		
IC3NS HW Components		2025	TBS (IC3NS) / TBS	TBD	ACC, Redstone Arsenal, AL	Feb 2025	Aug 2025	1	5,461.000	Y		
Cyber Environment Replication (CER)		2024	Test LLC (CER) / Huntsville, AL	C / IDIQ	ACC Redstone Arsenal, AL	Dec 2023	Mar 2024	3	2,160.000	Y	Oct 2023	Oct 2023

Remarks:
PEO STRI = Program Executive Office for Simulation, Training and Instrumentation
Army Contracting Command, (ACC) Orlando, FL

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0654715A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	4,513	1,378	904	835	-	835	1,464	1,383	20,927	19,322	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	6,437.224	179.879	226.379	174.890	-	174.890	176.905	179.194	188.420	186.547	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	6,437.224	179.879	226.379	174.890	-	174.890	176.905	179.194	188.420	186.547	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	6,437.224	179.879	226.379	174.890	-	174.890	176.905	179.194	188.420	186.547	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>)	1,426.374	130.536	250.419	209.449	-	209.449	120.837	129.569	9.004	9.655	Continuing	Continuing

Description:

The Army continues to build on a major initiative with the Non-System Training Device (NSTD) program to introduce realistic and effective training devices into the individual and unit training setting. These devices bring into play many aspects of the combat environment (smoke, noise, confusion, stress, etc.), which provide our Soldiers with a valuable experience of battlefield conditions in a training environment. This effort includes the acquisition of training capabilities that support force-on-force training, force-on-target training, engagement simulation, and classroom instruction. Devices and simulations are being fielded to minimize resource consumption which will affect a direct cost reduction through conservation of energy and ammunition. These devices provide capabilities that allow Soldiers, leaders, and units to train tasks and missions that would be unsafe or too resource intensive to conduct with actual weapons, weapons systems, and ammunitions if done in the actual environment. This budget line supports all Other Procurement, Army (OPA) funding for Non-System Training Devices (NSTD). It procures a variety of NSTD items such as the Medical Simulation Training Center (MSTC), Basic Electronics Maintenance Trainer (BEMT), Direct Injection Jammer (DIJ), Intelligence & Electronic Warfare Tactical Proficiency Trainer (IEWTPT), Common Battle Command Simulations Equipment (CBCSE), Joint Land Component Constructive Training Capability (JLCCTC), Digital Range Training System (DRTS), Future Army System of Integrated Targets (FASIT), Battle Command Training Capability - Equipment Support (BCTC-ES), Soldier Monitoring System (SMS), Joint Pacific Multinational Readiness Capability Information System (JPMRC-IS), Home Station Instrumentation Systems (HITS), Instrumentable Multiple Integrated Laser Engagement System (I-MILES), Common Training Instrumentation Architecture (CTIA), Live, Virtual, Constructive Integrating Architecture (LVC-IA) and Threat Integrated Air Defense System (TIADS).

The Medical Simulation Training Center (MSTC) is a critical readiness enabler for combat units as it provides realistic medical training to both medical and non-medical Soldiers in the Active, Reserve, and Army National Guard. MSTCs provide hands-on instruction on the latest battlefield trauma and critical care techniques based on Army Medical Center of Excellence (MEDCoE) approved performance oriented Program of Instructions (POI). Medical treatment validation exercises simulate the high stress of performing medical interventions in combat. MSTC supports Unit Medical Readiness by validating Combat Medic Military Occupational Specialty (MOS) (68W) Emergency Medical Technician (EMT) biennial recertification requirements and provides Combat Lifesaver (CLS) training to non-medical Soldiers. The Tactical Combat Casualty Care Exportable (TC3X) Soldier System provides capability to train Soldiers on medical Warrior skills at the individual, leader, and collective levels.

The Basic Electronics Maintenance Trainer (BEMT) provides the essential modernized electronic system maintenance training capability to achieve Military Occupational Specialty-Qualification (MOS-Q) for 40 Military Occupational Specialties (MOS) at 24 Active, National Guard, and Army Reserve camps, posts, and stations. Soldiers utilizing the BEMT system receive highly realistic training using scenarios which require performing basic electronic tasks in a virtual environment including tests, diagnosis, and repair while saving institutions significant expenses over live training alternatives. The BEMT consists of an Instructor Operator Station (IOS), Student Training Station(s) (STS), associated test equipment, commercial off-the-shelf (COTS) computers, electronics consoles, supporting experiment cards, and content servers as applicable.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0654715A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>The Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT) is the key training device for the Military Intelligence Training Strategy (MITS) enabling military intelligence (MI) Soldier readiness in support of mission command, targeting, and intelligence soldier certification. It fills a MI specific warfighting function training gap at Home-Station by supporting sustainment of critical individual, crew, and collective multi-intelligence MOS tasks/skills. IEWTPT tools drive multi echelon training events allowing the collection, synchronization, integration, production and dissemination of intelligence training data and products to support the commander's Priority Intelligence Requirements (PIR) and inform operational decision making in a "Train as you Fight" environment. IEWTPT provides a realistic Intelligence target environment for Multi-Intelligence disciplines such as Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), Human Intelligence (HUMINT), Geospatial Intelligence (GEOINT) and All Source Intelligence and must stimulate and emulate multiple Intelligence, Surveillance, Reconnaissance (ISR) platform systems such as: All Source Intelligence; Tactical Ground Station (TGS); and Aerial Intelligence assets such as Enhanced Medium Altitude Reconnaissance and Surveillance System (EMARSS) and Guardrail Common Sensor (GRCS). IEWTPT provides the "Digital Range" for Warfighting Commanders at all echelons to train intelligence tasks based on accurately portraying the operational environment and simulating and stimulating MI warfighting equipment where system operators and analysts are able to synchronize their Intelligence, Surveillance, and Reconnaissance (ISR) assets to exploit exercise intelligence data and provide the commander with required and executable, intelligence information. IEWTPT is a Non-System Training Device (NSTD) that provides proficiency training for analyst and system operators to exploit intelligence data during training, just as they would in "Real World" operations. The IEWTPT Technical Control Cell (TCC) is composed of two components: The Lower Enclave (LE) which supports exercise planning and development and drives the All Source and GEOINT training tasks and the Upper Enclave (UE) which supports all SIGINT related training and operates at the Top Secret / Sensitive Compartmented Information (TS/SCI) classification level. Increment 2 will be a software only environment and provide training capabilities that are synchronized with emerging Intelligence Corps system modernization priorities supporting multi-domain operations.</p> <p>Joint Land Component Constructive Training Capability (JLCCTC) supports Army Title X training worldwide for Army Commanders and their staff at Mission Training Complexes (MTCs), Training and Doctrine Command (TRADOC) facilities, and other customer locations. JLCCTC trains Commanders and their staff in Decisive Actions to include offensive, defensive, stability, and civil support operations. JLCCTC is a software modeling and simulation capability that contributes to Army Training Mission Area by providing appropriate levels of model and simulation resolution and fidelity to support unit collective and combined arms training. The JLCCTC provides a composable federation configurable to any combination of models and simulations, as required by training exercise intent/design. The JLCCTC provides accurate representations of tactically and operationally relevant land warfare operations executed in a contemporary Joint operating environment/context in support of Army Commander and Staff Training.</p> <p>Common Battle Command Simulation Equipment (CBCSE) is a fundamental element of the Joint Land Component Constructive Training Capability (JLCCTC) Program of Record, which supports institutional and operational Mission Command training for Active, Reserve, and National Guard units. CBCSE procures and fields commercial-off-the-shelf hardware, software and delta/new equipment training in support of JLCCTC for Army Hub and Spoke Mission Training Complexes and Combat Training Centers. CBCSE must be capable of running each JLCCTC fielded software version of Army training in support of Army Command and Staff training.</p> <p>The Digital Range Training System (DRTS) provides advanced instrumentation specifically required for live fire gunnery training and qualification with the Abrams, Bradley, Stryker/MGS, Apache Aircraft and Unmanned Aerial Systems (UAS) on larger mounted maneuver Instrumented "Digital" Ranges. DRTS provides crew, section, platoon and company training and qualification capabilities above and beyond any other range in the Army inventory. These ranges interface with the tactical vehicles through an Integrated Player Unit Recorder (IPUR) or Smart Onboard Data Interface Module (SMODIM) to provide both real-time feedback to leaders and rapid development of complete After Action Reviews (AARs) and Take Home Packages (THPs). These AAR THPs include synchronized Thru-Sight Video (TSV) from the Commander/Gunner sights, crew camera video from inside the vehicles, thermal field camera video from the range cameras and internal crew audio for a complete evaluation. Nine of these DRTS ranges also incorporate Aerial Weapons Scoring System (AWSS) to interface with Aviation and Unmanned Aerial System gunnery training and qualification in a similar manner. The five standard training ranges utilize all available combat systems capabilities and digitally integrate them to manage all forces undergoing crew through collective live-fire training and qualification: Digital Multi-Purpose Range Complex (DMPRC) supports all gunnery tables and Combined Arms Live Fire Exercise (CALFEX) for Armor, Infantry and Aviation; Digital Multi-Purpose Training Range (DMPTR) supports crew and section qualification for Armor and Infantry; Battle Area Complex (BAX) supports crew through company CALFEX for Stryker & Infantry Brigade Combat Teams (SBCT/IBCT); Digital Air Ground Integration Range (DAGIR) supports all gunnery tables and CALFEX for Armor, Infantry and Aviation platforms; Aerial Gunnery Range (AGR) at Fort Bragg supports crew through Company CALFEX for manned/unmanned aviation platforms.</p> <p>Future Army System of Integrated Targets (FASIT) provides Live Fire training systems and software capable of supporting 1100 automated ranges at installations all over the world. The FASIT training systems include: A single, universal target control software for all automated ranges (ground and aviation) identified in TC 25-8, providing users a controller with a common look and feel; downrange stationary and moving infantry and armor Presentation Devices (PD), to include Autonomous Robotic Trackless Moving Targets (TMTs), that interact with the control software to present targets and provide scoring feedback; battlefield/ weapons effects devices that simulate combat situations, visuals, and sounds; and targets that provide visual, infrared and thermal representations of friendly/threat engagements. The FASIT systems enable trainers to develop scenarios to simulate wartime mission tasks in a stressful battlefield environment.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0654715A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>Battle Command Training Capability-Equipment Support (BCTC-ES) provides the furniture, fixtures, equipment (FFE) enabling installation Mission Training Complex (MTC) to provide Home Station Training for the Warfighter. FFE includes network infrastructure hardware and software, Reconfigurable Tactical Operation Center (RTOC), tech control suites, classrooms, work cell capabilities and technical tools required for 33 MTC locations and the procurement tail for MTC Military Construction, Army (MCA) projects. FFE enables the linkage of constructive simulations to Mission Command (MC) systems, individual and collective MC training and War fighter Exercises. BCTC-ES provides equipment that integrates Army MC Systems into Tactical Operation Center (TOC) sets, providing visualization of the Common Operating Picture (COP) and the linkage within an MTC that supports secure and distributed MC/Simulation training. Provides Architectural and Engineering (A&E) support to the MTC Design Board for new MCA development.</p> <p>The Soldier Monitoring System (SMS) is the U.S. Army's materiel solution for Soldier tracking. It provides real-time Soldier tracking, After Action Reviews (AAR), and automated alerts, to include but not limited to, boundary alerts, non-motion alerts, and Soldier initiated alerts. SMS is a self-contained and mobile tracking system with small networked devices, worn by Soldiers, which provide data to mobile monitoring devices and monitoring stations. SMS reduces risk to Soldiers without curtailing training objectives or realism when training requires individual execution such as land navigation. The SMS program was initiated in response to a directive issued by the Vice Chief of Staff, Army, due to a fatality during a land navigation exercise. The CPD was signed 26 May 2019.</p> <p>The Joint Pacific Multinational Readiness Capability-Instrumentation System (JPMRC-IS) is a transportable instrumentation system that provides instrumented training for the Brigade Combat Team and below. JPMRC-IS is a rapidly deployable, self-supported system providing an Observer Controller Communications Systems, Battle Command Systems, Instrumentation System, Embedded Constructive Simulations, Training Analysis and Feedback (TAF) workstations, Voice and Video Monitoring, After Action Review (AAR) presentation, and provides its own power generation. JPMRC-IS performs the end-to-end mission functions of Exercise Planning, System Preparation, Exercise Management, Monitoring, and Control, Training Performance Feedback through onsite AARs and unit Take Home Packages.</p> <p>The Home Station Instrumentation Training System (HITS) provides a high-fidelity deployable instrumented training capability to support platoon through battalion level Live Force-on-Force Training. HITS tracks the location of soldiers and vehicles and simulates weapons' effects and engagements, allowing units to "Train as they Fight" against live opponents. HITS provides accurate feedback to training units. HITS consists of light deployable components that can be rapidly assembled/disassembled and transported to support deployed training. HITS integrates with future and legacy MILES. HITS is a member of the Live Training Transformation (LT2) family of training systems and shares several hardware and software components with the Instrumentation Systems (IS). HITS provides the Live domain for Live-Virtual-Constructive (LVC) training integration.</p> <p>The Direct Injection Jammer (DIJ) program provides a suite of multifunctional products for threat realistic Electronic Warfare (EW) and Space training at the Maneuver Combat Training Centers (MCTCs). The DIJ is both a jammer and instrumentation. The DIJ utilizes a methodology that enables operationally realistic EW training to occur when spectrum limitations prevent or limit the use of open-air jammers. As instrumentation, the DIJ provides near-real time jammer verification and other pertinent data over a wireless network to help train and instruct Rotational Training Units (RTUs) at an After Action Review (AAR) or provide Combat Training Centers (CTCs) with the ability to monitor data and shape training as needed.</p> <p>The Instrumentable-Multiple Integrated Laser Engagement System (I-MILES) program enhances the warfighter's capability to prepare for combat operations allowing training and assessment of individual and collective tasks during force-on-force operations. The devices use an eye-safe laser to replicate the engagement effects of their intended "line of sight" weapons systems. I-MILES provides realistic, real-time casualty effects for force-on-force tactical engagement training scenarios and its ability to integrate into training instrumentation systems provide for high fidelity combined arms combat exercises. Due to their modular design, I-MILES devices are approved for use at Home Station, the Combat Training Centers (CTCs) and in the theater of operations to meet training requirements. The current "Instrumentable" MILES replaces the previously fielded "Basic" MILES, which cannot integrate into training instrumentation systems.</p> <p>The Common Training Instrumentation Architecture (CTIA) is the critical core product-line architecture of the Live, Virtual, Constructive Integrated Training Environment (LVC-ITE). The program provides Army owned software, product-line architecture, product-line software, standards, services, and the architectural framework for supporting the Live Training Transformation (LT2) of Live Training Systems (LTS) to include Army-wide live instrumented Force-On-Force (FOF) and Force-On-Target (FOT) training requirements. It includes Post Deployment Software Support (PDSS) and technology to support LT2 family of LTS. CTIA is fielded, as the core software, at 200+ locations across the Army at both CONUS and OCONUS locations. CTIA also provides the live training standard for achieving and maintaining interoperability between LTS, virtual and constructive systems, the emerging synthetic training environment and battle command and control (C2) systems.</p> <p>The Live, Virtual, Constructive - Integrating Architecture (LVC-IA) provides a net-centric linkage that collects, retrieves and exchanges data among existing Training Aids, Devices, Simulations, and Simulators (TADSS) and Mission Command Information Systems (MCIS). LVC-IA provides the architecture that enables the Army to utilize the LVC TADSS in the Army's Integrated Training Environment (ITE). The LVC-IA</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem

ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0654715A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

defines "how" information is exchanged among the different LVC domains and the MCIS. The LVC-IA provides enterprise level tools for exercise control, Enterprise After Action Review, and system information assurance. It also provides hardware and software to interface the different Live, Virtual, and Constructive communication protocols and provides a correlated common operating picture for the training audience on their organic MCIS equipment. The integration of the Live, Virtual, and Constructive and Gaming TADSS with the MCIS equipment will enable larger and more robust training events to better prepare units for their missions at an overall reduced cost. The end-state goal is to enable an LVC ITE that can cost effectively replicate Operational Environments to provide a high level of value-added training and mission rehearsal opportunities to Army Commanders, their Staffs, and Warfighters enhancing Army training and readiness.

The Threat Integrated Air Defense System (TIADS) provides an enhanced Operational Environment (OE) to support evolving and realistic training requirement at Maneuver Combat Training Center (MCTCs). The TIADS consists of five components; the Training Aircraft Survivability Equipment (ASE) Stimulation Suite (TASS), Ground Threat Emitter (GTE), Visual Modification (VISMOD), Man-Portable Air Defense Systems (MANPADS) and the Radar Signal Emulator (RSE) which replicates an enemy multi-layered, short range, medium and high-altitude air-defense system to execute unified land operations against the current or projected threat. The Threat IADS creates the ways and means needed to challenge rotational training units with an opposing force air defense threat.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	1,288	890	792	-	792	1,456	1,283	20,839	19,315
	Total Obligation Authority	163.869	210.583	156.171	-	156.171	161.967	162.040	168.357	171.373
ANG	Quantity	46	9	38	-	38	5	84	46	4
	Total Obligation Authority	8.896	9.047	12.086	-	12.086	8.872	10.909	13.263	8.730
AR	Quantity	44	5	5	-	5	3	16	42	3
	Total Obligation Authority	7.114	6.749	6.633	-	6.633	6.066	6.245	6.800	6.444
Total: Secondary Distribution	Quantity	1,378	904	835	-	835	1,464	1,383	20,927	19,322
	Total Obligation Authority	179.879	226.379	174.890	-	174.890	176.905	179.194	188.420	186.547

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment

P-1 Line Item Number / Title:
2062NA0100 / Training Devices, Nonsystem

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0654715A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	NA0101 / NSTD Soldier Training Support Program (STSP)	P-5a, P-21	A		382 / 2,772.346	328 / 5.351	284 / 10.661	159 / 9.321	- / -	159 / 9.321
P-5	NA0103 / NSTD COMMAND & CONTROL	P-5a	A		39 / 618.457	18 / 35.470	18 / 33.047	13 / 28.178	- / -	13 / 28.178
P-5	NA0105 / NSTD RANGES AND TARGETS	P-5a, P-21	A		34 / 1,826.218	33 / 60.821	35 / 87.115	29 / 66.869	- / -	29 / 66.869
P-5	NA0106 / NSTD Battle Command Training Center Support Prg	P-5a			24 / 444.465	11 / 15.076	11 / 15.764	12 / 17.229	- / -	12 / 17.229
P-5	NA0110 / NSTD - Live Training	P-5a			8 / 20.904	342 / 29.692	553 / 53.404	- / 22.166	- / -	- / 22.166
P-5	NA0116 / NSTD- MILES	P-5a, P-21			4,012 / 627.255	643 / 25.866	- / 13.343	619 / 17.133	- / -	619 / 17.133
P-5	NA0121 / NSTD - LVC ARCHITECTURE	P-5a			14 / 127.579	3 / 7.603	3 / 13.045	3 / 13.994	- / -	3 / 13.994
P-40	Total Gross/Weapon System Cost				4,513 / 6,437.224	1,378 / 179.879	904 / 226.379	835 / 174.890	- / -	835 / 174.890

*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 2025 BASE procurement dollars in the amount of \$174.890 million supports the following efforts:

NA0101: Soldier Training Support program of \$9.321 million consists of:

FY 2025 Base procurement dollars in the amount of \$8.015 million fields the final two MSTCs (24 and 25) to Papago Military Reservation, Phoenix, AZ, ARNG (the change from Camp Bullis to Papago Military Reservation due to facility readiness) and Camp Williams State Military Reservation, Bluffdale, Utah, ARNG to train high 68W medic throughput, and fields the Medical Training Command and Control (MT-C2) Post Deployment Software Support (PDSS). The MT-C2 enables MSTC training environment manipulation, medical scenario integration, mannequin control, audio video (AV) surveillance and recording as well as hostile fire simulations and friendly force engagement control in order to maximize the positive impact and training experience of each fluid training event. The MT-C2 PDSS provides software and hardware support to ensure equipment operability and update with 24/7 help desk.

FY 2025 Base procurement dollars in the amount of \$1.306 million supports 134 Basic Electronics Maintenance Trainer (BEMT) II systems to procure, upgrade and install the replacement of critical electronic test cards, all necessary Test, Measuring and Diagnostic Equipment and procure a serviceability refresh/ extended warranty of the BEMT System test console to provide increased capabilities in systems level training.

NA0103: Command & Control program of \$28.178 million consists of:

FY 2025 Base procurement dollars in the amount of \$28.178 million will be used to procure Common Battle Command Simulation Equipment (CBCSE) commercial off-the-shelf (COTS) hardware and software, and to conduct Joint Land Component Constructive Training Capability (JLCCTC) post deployment software refinement and Pre-Planned Product Improvement (P3I) activities. This includes fixing Problem Trouble Reports (PTRs), First-Use exercise support and Training Documentation updates, Cyber Security/Risk Management Framework (RMF) and Mission Command Concurrency, Common Terrain integration, and Live, Virtual, Constructive - Integrating Architecture (LVC-IA) Interoperability, Regression Test of external interfaces to Joint and Coalition simulations, Fielding activities, Information Assurance Vulnerability Assessment (IAVA), Configuration Management, provide a Low Overhead Capability Division eExercise Training and Reporting System (DXTRS), Combat Training Center Instrumentation System (CTC-IS) and Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT) interoperability, conduct fielding and training activities of the Single Federation solution, and Helpdesk activities. Quantities represent sites and vary to configuration of site size, therefore, causing unit costs to fluctuate. The base quantity reflects the number of planned fielding events.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0654715A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
NA0105: Ranges and Targets program of \$66.869 million consists of:		
<p>FY 2025 Base procurement dollars in the amount of \$17.399 million supports the Digital Range Training System (DRTS) program with the following Continuous Technology Refreshment (CTR): Fort Liberty Aerial Gunnery Range (AGR) Tier 1, Ft. Stewart Field Cameras, Ft. Carson Digital Multi-Purpose Range Complex (DMPRC) Tier 1 and Digital Multi-Purpose Training Range (DMPTR) Tier 2 plus Field Cameras, and Ft. Bliss DMPC Tier 1. Funding also supports travel, contractor engineering and cybersecurity support. The CTR of these ranges is critical to keeping the equipment functioning and maintaining the ranges' fully mission capable status. If these ranges become inoperable, then Soldiers will not be adequately trained or qualified on their platforms prior to deployment to real world operations.</p> <p>FY 2025 Base procurement dollars in the amount of \$9.939 million for OPA Military Construction (MILCON) tails. Future Army System of Integrated Targets (FASIT) OPA tails procures the presentation device and range control hardware and software for the new Multi Purpose Training Range (MPTR) at Ft. Campbell. This range is critical to maintaining Soldiers and crews weapons' qualifications in preparation for deployment. Automated Record Fire Range at Ft. Liberty. Automated Multi-Purpose Machine Gun Range (MPMG) at Camp Robinson, Camp McCrady, and Grafenwoehr. Infantry Platoon Battle Course (IPBC) at Ft. Carson, Ft. Johnson, and Ft. Cavazos. Readiness of Soldiers is critical to saving lives in wartime situations. Accurate feedback to Soldiers on training with battlefield conditions helps them learn procedures and techniques that will save lives and achieve success on the battlefield.</p> <p>FY 2025 Base procurement dollars in the amount of \$2.733 million for FASIT Targetry Range Automated Control and Recording (TRACR) II Post Production Software Support (PDSS), Cybersecurity and engineering resources to maintain the software and range control hardware at 1100 ranges across the world. This support is critical to provide software bug fixes, cybersecurity updates and the helpdesk resources to the range operators.</p> <p>FY 2025 Base procurement dollars in the amount of \$3.175 million provides FASIT CTR of the range control information technology (IT) equipment and software at numerous ranges across the world. The program began a 5-year CTR cycle, in FY 2023, on the range control hardware that was not performed in the past. Maintaining the hardware and software every 5 years allows the systems to be tech refreshed to the industry standard of 5 years for IT equipment and allows the systems to be maintained from a Cybersecurity perspective.</p> <p>FY 2025 Base procurement dollars in the amount of \$9.120 million for FASIT to provide Autonomous Robotic Trackless Moving Targets (TMTs) to the following installations: Ft. Drum, Ft. Bliss, Ft. Stewart, and Ft. Huachuca. These autonomous robotic TMTs are critical to training Soldiers to engage moving targets with reactive behaviors and provide a significant enhancement to the Army's current tracked/predictable moving targets.</p> <p>FY 2025 Base procurement dollars in the amount of \$4.000 million for FASIT provides the production of the Area Weapons Scoring System II (AWSS II) which is the replacement capability for the obsolete Aerial Weapons Scoring System (AWSS). This capability is critical as the current mobile AWSS has components that cannot be replaced and could cause these systems to become non-functioning. Without these mobile AWSS, aviation units across the world will not be able to train and qualify on live fire platforms.</p> <p>FY 2025 Base procurement dollars in the amount of \$1.500 million for FASIT provides the production of the Dynamic Infrared (DIR) Projection systems. This capability supports the Army's Multi-Domain Operations (MDO) and will provide realistic thermal signatures on target presentation devices. This is a critical enhancement to live fire training ranges as it will allow individuals and crews to prioritize targets in a multi-threat environment.</p> <p>FY2025 Base procurement dollars in the amount of \$15.437 million for FASIT Range Recapitalization. The Army constructed numerous live-fire ranges over the past 20+ years. Those ranges are reaching their Economic Useful Life (EUL) and need to be refreshed to remain operational and supportable. The funding provides the production of the target lifters and other devices on 25 - 30 ranges. Without the refreshment of the ranges, units, across the world, will not be able to train and qualify on their weapons and platforms using live fire. This will cause unit readiness to be compromised.</p> <p>FY2025 Base procurement dollars in the amount of \$0.500 million for FASIT Battlefield Effects Replication (BFER) Production. The production of the BFER system provides more realistic down range visual cues for units performing live-fire gunnery. This is a critical enhancement as current down range visual effects do not provide proper stimulation to units using those ranges.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0654715A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>FY2025 Base procurement dollars in the amount of \$1.000 million to provide initial spares for FASIT Basic Army Target Lifters (BATL). The Government designed BATL systems begin fielding in FY24. This funding provides an initial set of spare components that installations can utilize as components fail or are damaged. Given the lead time for some of the components with the BATL systems, it is critical that the Army has a supply of spare components to allow the installations to maintain their systems.</p> <p>FY2025 Base procurement dollars in the amount of \$2.066 million for the FASIT program provides contractor management support and fielding costs.</p> <p>NA0106: Battle Command Training Capability - Equipment Support Program of \$17.229 million consists of:</p> <p>FY 2025 Base procurement dollars in the amount of \$17.229 million procures network infrastructure hardware and software to maintain Risk Management Framework requirements for Mission Training Complex (MTC) locations, technology refresh for Mission Command Tactical Server Infrastructure at MTC locations, the refresh of furniture, fixtures and equipment (FFE) for MTC locations and equipping the US Army Central Command MTC Military Construction Army (MCA) project w/FFE, the Electronic Security System access control design, procurement and installation for the Joint Multinational Simulation Center MTC MCA U.S. Army Garrison Bavaria (Grafenwoehr) and technology refresh of Video Teleconference (VTC) capability at MTC locations. The cost varies by site and fiscal year, depending on the size of the MTC, time between technology refresh and Army component AC, USARNG and USAR. The Risk Management Framework (RMF) process, increased network and boundary enclave requirements has driven up the costs to maintain accreditation and system security.</p> <p>NA0110: Live Training Program of \$22.166 million consists of:</p> <p>FY 2025 Base procurement dollars in the amount of \$10.432 million to support JPMRC IS will fund PDSS performing software updates, cyber security updates and Problem Ticket Reports (PTR) that fix any issues with the system software as well as any new capabilities. Funds a 24/7 JPMRC-IS Help Desk/issue tracking site of the Live Training Transformation (LT2) Portal for PDSS customer support. Funds Continuous Technology Refreshment (CTR) on the systems and subsystems that have reached end of life, to maintain cyber security posture and Authority to Operate (ATO). Funds winterization to the system to support training exercises in the Arctic region. Funds modernization activities and system build up in support of full operational capability (FOC) milestone in FY25.</p> <p>FY 2025 procurement dollars in the amount of \$3.817 million supports the Pacific Deterrence Initiative (PDI) and will fund the necessary technical / operational procurements to support JPMRC deployments throughout the IndoPacific Area of Responsibility (AOR) to support distributed instrumented live, virtual, constructive training using mission command and sustainment systems available to the Commander. JPMRC includes a dedicated operations group, trained observer coach trainers, OPFOR, and tactical analysis, data collection and AAR reporting while tracking maneuver units with assigned echelons above brigade (EAB) enabling units conducting Large Scale Combat Operation (LSCO) training with partners and allies West of the International Dateline.</p> <p>FY 2025 Base procurement dollars in the amount of \$6.056 million procures multiple efforts to support the Home Station Instrumentation Systems (HITS) program's Post Deployment Software Support (PDSS) - This funding is for General Dynamics to participate and support the many exercises that HITS has in a calendar year, procure licenses that expire, COTS software updates, problem reports from the field. Funding shall support replacing outdated equipment Remote Base Station (RBS) and Network Communication Center (NCC) antenna's, trailer and associated electronic equipment. Funding shall support a Continuous Technical Refresh (CTR) of radios, laptop Exercise Controller, and Observer Controller Tablet (OCT). Other CTR items include noise cancelling headsets for each location, shore power capability for each trailer, fixes/updates to each trailer and to procure additional COTS software to ensure that HITS operates to its optimum capability.</p> <p>FY2025 Base Procurement dollars in the amount of \$.586 million for the Threat Integrated Air Defense System (TIADS) program enables procurement of travel and contractor support needed to complete the fielding of one Training Aircraft Survivability Equipment (ASE) Stimulation Suite (TASS) kit to one of eight Homestations and prepare for future procurements.</p> <p>FY 2025 procurement dollars in the amount of \$1.002 million supports the Pacific Deterrence Initiative (PDI) and will enable USARPAC Concepts to continue building on previous successful experimentation efforts with Multi Domain Operations while leveraging industry partners and Joint stakeholders to integrate emerging capabilities that will stress the 1st MDTF and TFE to fully understand Joint multi domain concepts with the INDOPACOM AOR. Such capabilities will include stratospheric platforms, unmanned aerial systems, terrestrial sensors, innovative networking strategies, cross-domain solutions, partner sharing, and sensor 2 sensor architecture. The effort will utilize the appropriate assessment teams and analysts to capture objective performance metrics that will inform future requirements and influence programs of record to ensure INDOPACOM's warfighting needs are met.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0654715A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>FY 2025 Base procurement dollars in the amount of \$0.273 million to support SMS will fund Tech refresh and additional sparing to support BOI.</p> <p>NA0116: MILES Program of \$17.133 million consists of:</p> <p>FY 2025 Base procurement dollars in the amount of \$17.133 million for the Instrumentable-Multiple Integrated Laser Engagement System (I-MILES) program will procure Vehicle Tactical Engagement Simulation System (VTESS) kits to replace Tactical Vehicle System (TVS) kits and initial batteries procurement, continuous technology refreshment, engineering change proposals, contractor management support and fielding costs. The technology refresh incorporates the Live Training Engagement Composition architecture and engineering change proposals that refine and enhance the VTESS systems during its initial fielding. I-MILES systems support Brigade Combat Teams down to the squad level and can be integrated into the Live-Virtual-Constructive Integrated Architecture as a component of the full training environment. I-MILES enhances the Warfighter's ability to effectively train individual and collective combat skills in a safe training environment. The data from I-MILES systems provide information for After Action Reviews to assess Tactics Techniques Procedures. The completion of the I-MILES basis of issue plan and pure fleeting of the I-MILES product lines will standardize training at Home Station, Combat Training Centers, and deployed training environments.</p> <p>NA0121: LVC Architecture Program of \$13.994 million consists of:</p> <p>FY 2025 Base procurement dollars in the amount of \$3.378 million supports the required CTIA program infrastructure, core lab facility, post deployment software support, and technology refresh and modifications for the Live Training Transformation Family of Training Systems. CTIA enables interoperability with legacy and future modernization efforts including emerging Army and joint architectures.</p> <p>FY 2025 Base procurement dollars in the amount of \$5.606 million procures the Live, Virtual, Constructive - Integrating Architecture (LVC-IA) associated COTS hardware and software, Post Deployment Software Support (PDSS) activities, version upgrades, technology refresh/ spares, site support and New Equipment Training (NET) at Army Mission Training Complexes (MTC) in preparation for Multi-Domain Operations 2028 and beyond. LVC-IA program PDSS provides a capability to support sustainment of the system software and its associated subsystems and components along with Interoperability, Regression Testing of external interfaces with LVC Training Aids, Devices, Simulators and Simulations and Synthetic Training Environment, Information Assurance Vulnerability Assessment (IAVA), Configuration Management. LVC-IA program performs version upgrades/technical refresh for replacement or modification of components for reasons other than obsolescence including modification, conversion, reconfiguration, retrofit, and technology insertion to increase the performance capability of the system. Government Program Management will provide program management; engineering and technical oversight activities necessary for Army Risk Management Framework (RMF) requirement; contract support and travel for the LVC-IA Program.</p> <p>FY 2025 procurement dollars in the amount of \$5.010 million supports the Pacific Deterrence Initiative (PDI) and will support USAR-J in developing a bilateral cyber range forward in Japan, West IDL, for the training of US Forces and the Japanese Self Defense Force (JSDF). This project is partially Government of Japan (GoJ) funded via Host Nation support special measures agreement (HNS-SMA) and will foster experimentation and enhance US & JSDF operational cyber training capabilities. This architecture is designed to augment bilateral exercises and separate US & JSDF training events. In 2QFY23 thru 2QFY26, USAR-J will procure, operate, and maintain a HNS-SMA funded cyberspace architecture what will consist of information technology platforms and facilities capable of hosting virtual cyberspace simulation environments via existing DOD Battle Cloud capabilities (eg Persistent Cyber Training Environment (PCTE)). This effort will enable USAR-J to host bilateral cyber operations training via physically augmenting the existing Sagami Depot Mission Training Complex facility with a SCIF facility and deploying cyber range fly-away packages capable of hosting interconnected virtual environments to Japan Ground Self Defense Force (JGSDF) regional Army locations.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), these items are necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</p>		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
		Item Number / Title [DODIC]: NA0101 / NSTD Soldier Training Support Program (STSP)

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			382	328	284	159	-	159
Gross/Weapon System Cost (\$ in Millions)			2,772.346	5.351	10.661	9.321	-	9.321
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			2,772.346	5.351	10.661	9.321	-	9.321
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			2,772.346	5.351	10.661	9.321	-	9.321
<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)			7,257.450	16.314	37.539	58.623	-	58.623

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
EST - Five Lane Subsystem/Refresh	56.193	1,051	59.059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CFFT (Various Configurations)	686.429	28	19.220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CFFT Concurrency/PDSS	-	-	6.151	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEMT II Upgrades ^(†)	6.627	687	4.553	6.366	306	1.948	8.116	259	2.102	5.896	134	0.790	-	-	-	5.896	134	0.790
HITS version 4	3,772.500	2	7.545	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HITS Engineering Change Proposal	-	-	2.718	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HITS Concurrency	-	-	3.646	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HITS PDSS/CTR	-	-	27.525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JPMRC-IS FOC/PDSS/CTR	-	-	62.299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MSTC MT-C2 ^(†)	556.071	42	23.355	265.000	5	1.325	238.000	6	1.428	113.043	23	2.600	-	-	-	113.043	23	2.600
MSTC TC3X	70.270	222	15.600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MSTC MATT Concurrency	32.929	42	1.383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MSTC Validation Lanes	33.000	2	0.066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:
Item Number / Title [DODIC]: NA0101 / NSTD Soldier Training Support Program (STSP)		

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
MSTC Part Task Trainers	32.905	21	0.691	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MSTC Continous Tech Refreshment ^(†)	704.857	21	14.802	108.100	17	1.838	244.944	18	4.409	-	-	-	-	-	-	-	-	-
MSTC High Fidelity Tetherless Mannequin	-	-	4.981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Racks and Shelving	-	-	2.139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training Devices	-	-	2,514.665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MSTC New Site (Ft. Hood)	1,750.000	1	1.750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MSTC New Sites (Fort Bragg, Camp Willis, Papago Military Reservation) ^(†)	-	-	-	-	-	-	2,200.000	1	2.200	2,707.500	2	5.415	-	-	-	2,707.500	2	5.415
<i>Subtotal: Recurring Cost</i>	-	-	2,772.148	-	-	5.111	-	-	10.139	-	-	8.805	-	-	-	-	-	8.805
<i>Subtotal: Flyaway Cost</i>	-	-	2,772.148	-	-	5.111	-	-	10.139	-	-	8.805	-	-	-	-	-	8.805
Support - Program Management Cost																		
Contractor Management	-	-	0.198	-	-	0.200	-	-	0.482	-	-	0.477	-	-	-	-	-	0.477
Government Management	-	-	-	-	-	0.040	-	-	0.040	-	-	0.039	-	-	-	-	-	0.039
<i>Subtotal: Support - Program Management Cost</i>	-	-	0.198	-	-	0.240	-	-	0.522	-	-	0.516	-	-	-	-	-	0.516
Gross/Weapon System Cost	7,257.450	382	2,772.346	16.314	328	5.351	37.539	284	10.661	58.623	159	9.321	-	-	-	58.623	159	9.321

Remarks:

Program Management contains those costs associated with BEMT. FY 2025 BEMT Contractor and Government Management totals \$.516 million.

BEMT unit costs differ year to year due to fielding locations (active Army vs Army National Guard), system configuration at each location. The original schedule for fielding has been updated to include the largest fielding's at the beginning and middle of the fielding schedule. BEMT procures COTS items.

MSTC. FY 2025 funding was added to field the remaining MSTCs due to a funding reduction in FY 2023. MSTC new site Camp Williams moved from FY 2023 to FY 2025. MSTC new site Papago Military Reservation moved from FY 2024 to FY2025. Additionally, the second MSTC site at Fort Liberty (Fort Bragg) moved from FY 2023 to FY 2024 as a result of the same reduction.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	244	276	125	-	125

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0101 / NSTD Soldier Training Support Program (STSP)

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
	Total Obligation Authority	3.860	8.089	6.508	-	6.508
ANG	Quantity	43	6	32	-	32
	Total Obligation Authority	0.892	1.929	2.173	-	2.173
AR	Quantity	41	2	2	-	2
	Total Obligation Authority	0.599	0.643	0.640	-	0.640
Total:	Quantity	328	284	159	-	159
Secondary Distribution	Total Obligation Authority	5.351	10.661	9.321	-	9.321

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem				Item Number / Title [DODIC]: NA0101 / NSTD Soldier Training Support Program (STSP)					

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
BEMT II Upgrades		2023	Nida Corporation / Melbourne, FL	Option / FFP	ACC, Orlando, FL	Nov 2022	Aug 2023	306	6.366	Y		
BEMT II Upgrades		2024	Nida Corporation / Melbourne, FL	Option / FFP	ACC, Orlando, FL	Nov 2023	Aug 2024	259	8.116	Y		
BEMT II Upgrades		2025	Nida Corporation / Melbourne, FL	Option / FFP	ACC, Orlando, FL	Nov 2024	Aug 2025	134	5.896	Y		
MSTC MT-C2		2023	MicroHealth / Vienna, VA	Option / FFP	GSA	Apr 2023	May 2023	5	265.000	Y		
MSTC MT-C2		2024	MicroHealth / Vienna, VA	Option / FFP	GSA	Apr 2024	May 2024	6	238.000	Y		
MSTC MT-C2		2025	MicroHealth / Vienna, VA	Option / FFP	GSA	Apr 2025	May 2025	23	113.043	Y		
MSTC Continuous Tech Refreshment		2023	MSTC MULTIPLE VENDORS / MSTC MULTIPLE VENDOR LOCATIONS	C / IDIQ	HRCO	Oct 2022	Jan 2023	17	108.100	Y		
MSTC Continuous Tech Refreshment		2024	MSTC MULTIPLE VENDORS / MSTC MULTIPLE VENDOR LOCATIONS	C / IDIQ	HRCO	Apr 2024	Jul 2024	18	244.944	Y		
MSTC New Sites (Fort Bragg, Camp Willis, Papago Military Reservation) ^(†)		2025	MSTC MULTIPLE VENDORS / MSTC MULTIPLE VENDOR LOCATIONS	C / FFP	HRCO	Mar 2025	Jul 2025	2	2,707.500	N		

^(†) indicates the presence of a P-21

Remarks:
PEO STRI = Program Executive Office for Simulation, Training and Instrumentation

Army Contracting Command, (ACC) Orlando, FL

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70										P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem										Item Number / Title [DODIC]: NA0101 / NSTD Soldier Training Support Program (STSP)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023												Fiscal Year 2024												BALANCE	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023												Calendar Year 2024												
							O C T	N O V	D E C	J A N	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

MSTC New Sites (Fort Bragg, Camp Willis, Papago Military Reservation)

1	2025	ARMY		2	0	2																													2
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							O C T	N O V	D E C	J A N	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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
Item Number / Title [DODIC]: NA0101 / NSTD Soldier Training Support Program (STSP)		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	MSTC MULTIPLE VENDORS - MSTC MULTIPLE VENDOR LOCATIONS	1	4	10	0	0	0	0	0	0	3	3	6

"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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
		Item Number / Title [DODIC]: NA0103 / NSTD COMMAND & CONTROL

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				39	18	18	13	-	13
Gross/Weapon System Cost (\$ in Millions)				618.457	35.470	33.047	28.178	-	28.178
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				618.457	35.470	33.047	28.178	-	28.178
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				618.457	35.470	33.047	28.178	-	28.178
<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)				15,857.872	1,970.556	1,835.944	2,167.538	-	2,167.538

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Flyaway Recurring: Division/Hub	7,382.279	43	317.438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Recurring: Spoke	885.456	57	50.471	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	367.909	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	367.909	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware Cost																		
Recurring Cost																		
Common Hardware Platform Refresh	-	-	52.260	-	-	8.715	-	-	7.302	-	-	6.085	-	-	-	-	-	6.085
<i>Subtotal: Recurring Cost</i>	-	-	52.260	-	-	8.715	-	-	7.302	-	-	6.085	-	-	-	-	-	6.085
<i>Subtotal: Hardware Cost</i>	-	-	52.260	-	-	8.715	-	-	7.302	-	-	6.085	-	-	-	-	-	6.085
Software Cost																		
Recurring Cost																		
Post Deployment Software Refinement	-	-	98.924	-	-	9.550	-	-	9.631	-	-	8.277	-	-	-	-	-	8.277
Pre-Planned Product Improvement (P3I)	-	-	46.357	-	-	5.258	-	-	5.298	-	-	4.999	-	-	-	-	-	4.999
RMF Concurrency and Joint Coalition Interoperability	-	-	4.720	-	-	2.660	-	-	2.690	-	-	2.259	-	-	-	-	-	2.259

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0103 / NSTD COMMAND & CONTROL

ID Code (A=Service Ready, B=Not Service Ready) : A	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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	150.001	-	-	17.468	-	-	17.619	-	-	15.535	-	-	-	-	-	15.535
Non Recurring Cost																		
Constructive Strategy Implementation	-	-	17.565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	17.565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Software Cost</i>	-	-	167.566	-	-	17.468	-	-	17.619	-	-	15.535	-	-	-	-	-	15.535
Package Fielding Cost																		
Recurring Cost																		
Recurring Package Fielding for Division through Theatre level Hardware Suites ^(†)	835.000	4	3.340	897.000	4	3.588	799.750	4	3.199	776.000	4	3.104	-	-	-	776.000	4	3.104
Recurring Package Fielding for Brigade and below level Hardware Suites ^(†)	340.250	12	4.083	353.214	14	4.945	295.643	14	4.139	300.222	9	2.702	-	-	-	300.222	9	2.702
<i>Subtotal: Recurring Cost</i>	-	-	7.423	-	-	8.533	-	-	7.338	-	-	5.806	-	-	-	-	-	5.806
<i>Subtotal: Package Fielding Cost</i>	-	-	7.423	-	-	8.533	-	-	7.338	-	-	5.806	-	-	-	-	-	5.806
Support - Program Management Cost																		
Government Management	-	-	23.299	-	-	0.754	-	-	0.788	-	-	0.752	-	-	-	-	-	0.752
<i>Subtotal: Support - Program Management Cost</i>	-	-	23.299	-	-	0.754	-	-	0.788	-	-	0.752	-	-	-	-	-	0.752
Gross/Weapon System Cost	15,857.872	39	618.457	1,970.556	18	35.470	1,835.944	18	33.047	2,167.538	13	28.178	-	-	-	2,167.538	13	28.178

Remarks:
Fielding quantity changed due to emerging warfighter requirements, fielding JLCCTC up to 18 sites per year (a 3.5-year cycle to complete a total of 54 sites).

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	14	14	9	-	9
	Total Obligation Authority	22.508	21.003	16.427	-	16.427
ANG	Quantity	2	2	2	-	2
	Total Obligation Authority	7.225	6.718	6.553	-	6.553

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0103 / NSTD COMMAND & CONTROL

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
AR	Quantity	2	2	2	-	2
	Total Obligation Authority	5.737	5.326	5.198	-	5.198
Total:	Quantity	18	18	13	-	13
Secondary Distribution	Total Obligation Authority	35.470	33.047	28.178	-	28.178

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

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem				Item Number / Title [DODIC]: NA0103 / NSTD COMMAND & CONTROL				

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
Recurring Package Fielding for Division through Theatre level Hardware Suites		2023	Phoenix Defense / Mesa, AZ	Option / Various	ACC, Orlando, FL	Oct 2022	Dec 2022	4	897.000	N		
Recurring Package Fielding for Division through Theatre level Hardware Suites		2024	TBD / TBD	Option / Various	ACC, Orlando, FL	Oct 2023	Dec 2023	4	799.750	N		
Recurring Package Fielding for Division through Theatre level Hardware Suites		2025	TBD / TBD	Option / Various	ACC Orlando, FL	Jan 2025	Mar 2025	4	776.000	N		
Recurring Package Fielding for Brigade and below level Hardware Suites		2023	Phoenix Defense / Mesa, AZ	Option / Various	ACC, Orlando, FL	Oct 2022	Dec 2022	14	353.214	N		
Recurring Package Fielding for Brigade and below level Hardware Suites		2024	TBD / TBD	Option / Various	ACC, Orlando, FL	Oct 2023	Dec 2023	14	295.643	N		
Recurring Package Fielding for Brigade and below level Hardware Suites		2025	TBD / TBD	Option / Various	ACC, Orlando, FL	Jan 2025	Mar 2025	9	300.222	N		

Remarks:
FY2024 Acquisition Requirements Package (ARP) is complete and awaiting contract award. Contractor and location are TBD with an expected obligation of Jan 2024.

Items are all commercial-off-the-shelf (COTS). Per the Resource Formulation Guidance, no P-21 is required for COTS items.

The JLCCTC federation supports Brigade through Theatre level.

The program is executing a 5-year Common Hardware Platform (CHP) refresh cycle.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
		Item Number / Title [DODIC]: NA0105 / NSTD RANGES AND TARGETS

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)			34	33	35	29	-	29
Gross/Weapon System Cost (\$ in Millions)			1,826.218	60.821	87.115	66.869	-	66.869
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			1,826.218	60.821	87.115	66.869	-	66.869
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			1,826.218	60.821	87.115	66.869	-	66.869
<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)			53,712.294	1,843.061	2,489.000	2,305.828	-	2,305.828

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
DRTS Complex	205,149.833	6	1,230.899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRTS CTR	-	-	60.503	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRTS DAGIR Tier 2 ^(†)	8,055.250	4	32.221	-	-	7,489.000	1	7.489	-	-	-	-	-	-	-	-	-	-
DRTS DAGIR Tier 1	-	-	12.626	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRTS DMPRC CTR Tier 1 ^(†)	-	-	4.404	-	-	4,565.333	3	13.696	2,851.000	2	5.702	-	-	-	2,851.000	2	5.702	-
DRTS DMPRC CTR Tier 2 ^(†)	-	-	20.096	4,603.000	1	4.603	-	-	-	-	-	-	-	-	-	-	-	-
DRTS DMPTR CTR Tier 1 ^(†)	-	-	9.092	3,735.667	3	11.207	-	-	2,600.000	1	2.600	-	-	-	2,600.000	1	2.600	-
DRTS DMPTR CTR Tier 2 ^(†)	-	-	4.803	5,167.000	1	5.167	2,780.500	2	5.561	2,590.000	1	2.590	-	-	2,590.000	1	2.590	-
DRTS BAX	-	-	2.402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRTS Unmanned Aerial System (UAS) Implementation	-	-	2.550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRTS Integration	-	-	2.293	-	-	-	-	-	-	-	-	4.078	-	-	-	-	-	4.078
DRTS Aviation Integration	-	-	9.502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATS Hardware	7,039.000	15	105.585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army													Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem						Item Number / Title [DODIC]: NA0105 / NSTD RANGES AND TARGETS						
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
ATS CTR (Lifecycle Management)	-	-	23.359	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC Live Fire Mod Human Urban Target (HUT) Kits	4.730	200	0.946	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC Live Fire Mod Moving Armor Targets (MAT) Kits	103.000	2	0.206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC Live Fire Mod Battle Effect Simulators (BES) (60 Shot)	6.000	4	0.024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC Live Fire Mod Battle Effect Simulators (BES) (6 Shot)	-	-	1.884	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC Live Fire Mod Machine Gun Simulators	-	-	0.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTC Live Fire Mod Integration	-	-	2.083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Target Modernization	-	-	40.097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FASIT OPA Tails ^(†)	392.000	1	0.392	-	-	-	691.750	4	2.767	1,104.333	9	9.939	-	-	-	1,104.333	9	9.939
FASIT Range CTR ^(†)	260.450	60	15.627	1,454.000	16	23.264	-	-	-	964.813	16	15.437	-	-	-	964.813	16	15.437
FASIT Information Technology Equipment and Software Refresh CTR	-	-	7.814	-	-	2.565	-	-	8.650	-	-	3.175	-	-	-	-	-	3.175
FASIT Targetry Refresh CTR ^(†)	-	-	1.320	-	-	-	399.875	24	9.597	-	-	-	-	-	-	-	-	-
FASIT Targetry Range Automated Control and Recording (TRACR) II Software Migration	-	-	-	-	-	4.137	-	-	-	-	-	-	-	-	-	-	-	-
FASIT Trackless Moving Target Production	-	-	2.410	-	-	-	-	-	25.150	-	-	9.120	-	-	-	-	-	9.120
FASIT Trackless Moving Targets Upgrades / Interim	-	-	1.815	-	-	3.158	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:
Item Number / Title [DODIC]: NA0105 / NSTD RANGES AND TARGETS		

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Contractor Support (ICS)																		
FASIT PDSS & Cybersecurity	-	-	5.677	-	-	2.769	-	-	2.869	-	-	2.733	-	-	-	-	-	2.733
FASIT Battlefield Effects Devices Small Arm Simulators	30.000	30	0.900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FASIT Battle Effects Simulators (BES)6-18 Shot	5.000	80	0.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FASIT Battlefield Effects Devices - Main Gun Simulator	50.000	30	1.500	-	-	-	-	-	-	-	-	0.500	-	-	-	-	-	0.500
FASIT Battlefield Effects Devices - Machine Gun Simulator	19.289	45	0.868	-	-	1.714	-	-	-	-	-	-	-	-	-	-	-	-
FASIT Dynamic Infrared (DIR) Projection Production	-	-	-	-	-	-	-	-	2.000	-	-	1.500	-	-	-	-	-	1.500
FASIT Non-Contact Area Scoring Technology (NCAST) Production ^(f)	-	-	-	-	-	-	6,000.000	1	6.000	-	-	-	-	-	-	-	-	-
IMTS CTF	-	-	12.402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMTS CTR	-	-	71.985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FASIT AWSS II	-	-	-	-	-	-	-	-	-	-	-	4.000	-	-	-	-	-	4.000
FASIT - Basic Army Target Lifters (BATL) Initial Spares	-	-	-	-	-	-	-	-	-	-	-	1.000	-	-	-	-	-	1.000
Subtotal: Recurring Cost	-	-	1,688.985	-	-	58.584	-	-	83.779	-	-	62.374	-	-	-	-	-	62.374
Non Recurring Cost																		
UDAIRI Range Target Lifter	23,000.000	1	23.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARCENT Thru Sight Video (TSV)	2,106.000	1	2.106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Range Complex	2,850.000	1	2.850	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	27.956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost	-	-	1,716.941	-	-	58.584	-	-	83.779	-	-	62.374	-	-	-	-	-	62.374

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem						Item Number / Title [DODIC]: NA0105 / NSTD RANGES AND TARGETS					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Software Cost																		
Non Recurring Cost																		
European Reassurance Initiative - USAREUR - Targetry requirements for Hungary	42.857	63	2.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	2.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Software Cost	-	-	2.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Contractor Management	-	-	93.394	-	-	2.237	-	-	3.336	-	-	4.063	-	-	-	-	-	4.063
Government Management	-	-	-	-	-	-	-	-	-	-	-	0.432	-	-	-	-	-	0.432
Subtotal: Support - Program Management Cost	-	-	93.394	-	-	2.237	-	-	3.336	-	-	4.495	-	-	-	-	-	4.495
Support - Quality Assurance Cost																		
Quality Assurance	-	-	5.949	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - Quality Assurance Cost	-	-	5.949	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - System Engineering Cost																		
System Engineering	-	-	7.234	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - System Engineering Cost	-	-	7.234	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	53,712.294	34	1,826.218	1,843.061	33	60.821	2,489.000	35	87.115	2,305.828	29	66.869	-	-	-	2,305.828	29	66.869

Remarks:

FY2025 FASIT Contractor and Government Management totals \$2.066 million. FY2025 DRTS Contractor and Government Management totals \$2.429 million.

DRTS CTR Tier 1 includes replacement of all information technology (IT) range control equipment and software loads approximately every 5 years due to obsolescence, which requires a technology refreshment of equipment to keep the system fully mission capable.

DRTS CTR Tier 2 includes replacement of the Player Units, field cameras, and the Radio Frequency infrastructure on the range approximately every 10 years due to obsolescence, which requires a technology refreshment of equipment to keep the system fully mission capable.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0105 / NSTD RANGES AND TARGETS

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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FASIT includes the fielding on new ranges, tech refreshment of the target lifters on existing ranges, tech refreshment of the Information Technology equipment on existing ranges, migration from the obsolete Government owned software baseline, Targetry Range Automated Control and Recording (TRACR I) to the new TRACR II baseline to operate and control the ranges, the fielding of Trackless Moving Targets, and the fielding on Machine Gun Simulators at multiple Home Stations.

FY2025 DRTS and FASIT-To align the reporting methodology between the DRTS and FASIT programs, each program will detail quantities of Continuous Technology Refreshments (CTRs) performed at the range level. DRTS will perform approximately 6 range CTRs per year and FASIT will steady state at approximately 30 ranges per year. This approach ensures consistency of reporting between the Army's live fire programs.

FY2025 DRTS-In prior years, the quantity of CTRs performed were not quantified and were simply lumped together into an overall CTR line. Starting in FY 2024, the program is delineating the number and type (Tier 1 or 2) of CTRs that are being performed on each type of range to provide better visibility into the efforts being accomplished with the funding. This detailed breakout of CTR efforts means that the quantities and funding for each cost element will now vary from year to year. The CTR schedule for Tier 1 and 2 determines which ranges are worked on each FY.

FY2025 DRTS-Digital Multi-Purpose Range Complex (DMPRC) CTR Tier 1 - Unit cost decrease of DMPRC Tier 1 due to utilization of a new contracting strategy.

FY2025 DRTS-Integration - TRACR II software to replace current DRTS software baseline.

FY2025-FASIT reporting approach-The program will report the quantity of CTRs performed at the range level which includes all of the IT range control equipment, Presentation Devices (PDs), and battlefield effect devices. The other cost elements are capabilities that are part of a live fire range and are not uniquely quantified in the FASIT Capability Production Document (CPD) or the FASIT Program Office Estimate (POE).

FY2025-FASIT Technology Equipment and Software Refresh CTR - Starting in FY2024, given the updated reporting methodology for the program, no quantities are shown for this cost element as this is a sub-part of the overall range CTRs.

FY2025-FASIT Aerial Weapons Scoring System (AWSS) II - New element is to accurately reflect the name change of Non-Contact Area Scoring Technology (NCAST) to AWSS II.

FY2025-FASIT TMT Production - FY2024 Army allocated additional funds for TMT production to field the capability to Germany. FY2025 and beyond costs to remain level.

FY2025-FASIT OPA Tails - Follow on OPA tails to planned MILCON projects that will install FASIT software and Hardware Targetry on new ranges. FASIT OPA Tails funding will fluctuate each year depending on type of range being constructed and is tied directly to MILCON projects.

FY2025-FASIT Range CTR - Cost increase from FY2024 due to increased number of Range CTRs in FY2025. Range CTRs are critical to keep Army ranges operational for Soldier training and qualifications.

FY2023 - FASIT OPA Tails - OPA tails were not executable in FY2023 due to delays in MILCON. Funding was executed under FY2023 FASIT Range CTR line.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	33	34	27	-	27
	Total Obligation Authority	60.821	86.715	65.085	-	65.085
ANG	Quantity	-	1	2	-	2
	Total Obligation Authority	-	0.400	1.784	-	1.784
Total:	Quantity	33	35	29	-	29

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0105 / NSTD RANGES AND TARGETS

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Secondary Distribution	Total Obligation Authority	60.821	87.115	66.869	-	66.869

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0105 / NSTD RANGES AND TARGETS
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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
DRTS DAGIR Tier 2		2024	TBD (DRTS DAGIR Tier 2) / TBD	Option / FFP	ACC, Orlando, FL	Nov 2023	Jun 2024	1	7,489.000	N		
DRTS DMPRC CTR Tier 1 ^(†)		2024	TBD (DRTS DMPRC CTR Tier 1) / TBD	Option / FFP	ACC, Orlando, FL	Nov 2023	May 2024	3	4,565.333	N		
DRTS DMPRC CTR Tier 1 ^(†)		2025	TBD (DRTS DMPRC CTR Tier 1) / TBD	Option / FFP	ACC, Orlando, FL	Nov 2024	Aug 2025	2	2,851.000	N		
DRTS DMPRC CTR Tier 2		2023	General Dynamcis (Tier 2 CTR) / Reston, Va	Option / FFP	ACC, Orlando, FL	Sep 2023	Sep 2024	1	4,603.000	N		
DRTS DMPTR CTR Tier 1		2023	Riptide (Tier 1 CTR) / Orlando, FL 32826	Option / FFP	ACC, Orlando, FL	Sep 2023	Oct 2024	3	3,735.667	N		
DRTS DMPTR CTR Tier 1		2025	TBD (DRTS DMPTR CTR Tier 1) / TBD	Option / FFP	ACC, Orlando, FL	Nov 2024	Aug 2025	1	2,600.000	N		
DRTS DMPTR CTR Tier 2		2023	General Dynamcis (Tier 2 CTR) / Reston, Va	Option / FFP	ACC, Orlando, FL	Sep 2023	Sep 2024	1	5,167.000	N		
DRTS DMPTR CTR Tier 2		2024	TBD (DRTS DMPTR CTR Tier 2) / TBD	Option / FFP	ACC, Orlando, FL	Nov 2023	Apr 2024	2	2,780.500	N		
DRTS DMPTR CTR Tier 2		2025	TBD (DRTS DMPTR CTR Tier 2) / TBD	Option / FFP	ACC, Orlando, FL	Nov 2024	Aug 2025	1	2,590.000	N		
FASIT OPA Tails ^(†)		2024	TBD (FASIT OPA Tails) / TBD	C / FFP	ACC, Orlando, FL	Apr 2024	Aug 2024	4	691.750	N		
FASIT OPA Tails ^(†)		2025	TBD (FASIT OPA Tails) -1 / TBD	C / FFP	ACC, Orlando, FL	Feb 2025	Nov 2025	9	1,104.333	N		
FASIT Range CTR ^(†)		2023	Theissen Training Systems, Inc (FASIT RANGE CTR) / Gainesville, FL 32608	C / FFP	ACC, Warren, MI	Apr 2023	Sep 2023	16	1,454.000	N		
FASIT Range CTR ^(†)		2025	TBD (FASIT Range CTR) -1 / TBD	C / FFP	ACC, Orlando, FL	Jan 2025	Jun 2025	16	964.813	N		
FASIT Targetry Refresh CTR		2024	TBD (FASIT Targetry Refresh CTR) / TBD	C / FFP	ACC, Orlando, FL	Apr 2024	Aug 2024	24	399.875	N		
FASIT Non-Contact Area Scoring Technology (NCAST) Production		2024	TBD (FASIT Non-Contact Area Scoring Technology (NCAST) Production) / TBD	C / FFP	ACC, Orlando, FL	Jun 2024	Dec 2024	1	6,000.000	N		

^(†) indicates the presence of a P-21

Remarks:
Army Contracting Command, (ACC) Orlando, FL

Army Contracting Command (ACC) Warren, MI

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70										P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem										Item Number / Title [DODIC]: NA0105 / NSTD RANGES AND TARGETS									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025													Fiscal Year 2026													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025													Calendar Year 2026													
							O C T	N O V	D E C	J A N	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			
DRTS DMPC CTR Tier 1																																	
	1	2024	ARMY	3	3	0																							0				
	1	2025	ARMY	2	0	2		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
FASIT OPA Tails																																	
Prior Years Deliveries: 1																																	
	2	2024	ARMY	4	4	0																							0				
	3	2025	ARMY	9	0	9																							0				
FASIT Range CTR																																	
Prior Years Deliveries: 60																																	
	4	2023	ARMY	16	16	0																							0				
	5	2025	ARMY	16	0	16																							0				
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
								C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	A	E	A	A	A	U	U	A	S	
								T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P		

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70		P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem
		Item Number / Title [DODIC]: NA0105 / NSTD RANGES AND TARGETS

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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 (DRTS DMPRC CTR Tier 1) - TBD	1	3	5	0	1	9	10	0	0	0	0
2	TBD (FASIT OPA Tails) - TBD	1	5	10	0	0	5	5	0	0	0	0
3	TBD (FASIT OPA Tails) -1 - TBD	1	5	10	0	0	9	9	0	0	0	0
4	Theissen Training Systems, Inc (FASIT RANGE CTR) - Gainesville, FL 32608	1	15	30	0	3	9	12	0	0	0	0
5	TBD (FASIT Range CTR) -1 - TBD	1	15	30	0	3	6	9	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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0106 / NSTD Battle Command Training Center Support Prg

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				24	11	11	12	-	12
Gross/Weapon System Cost (\$ in Millions)				444.465	15.076	15.764	17.229	-	17.229
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				444.465	15.076	15.764	17.229	-	17.229
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				444.465	15.076	15.764	17.229	-	17.229
<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)				18,519.375	1,370.545	1,433.091	1,435.750	-	1,435.750

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
MCTC Furniture, Fixture & Equipment	35,033.750	8	280.270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equipment Refresh ^(†)	1,808.345	29	52.442	1,943.000	5	9.715	2,010.800	5	10.054	1,993.000	6	11.958	-	-	-	1,993.000	6	11.958
Mission Command Equipment - Hardware ^(†)	843.568	37	31.212	953.000	3	2.859	1,007.000	3	3.021	827.330	3	2.482	-	-	-	827.330	3	2.482
Battlefield Visualization ^(†)	753.231	13	9.792	493.000	2	0.986	547.000	2	1.094	312.000	2	0.624	-	-	-	312.000	2	0.624
DIACAP / RMF	1,874.077	26	48.726	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESS Services ^(†)	1,285.071	14	17.991	1,241.000	1	1.241	1,295.000	1	1.295	1,506.000	1	1.506	-	-	-	1,506.000	1	1.506
<i>Subtotal: Recurring Cost</i>	-	-	440.433	-	-	14.801	-	-	15.464	-	-	16.570	-	-	-	-	-	16.570
<i>Subtotal: Flyaway Cost</i>	-	-	440.433	-	-	14.801	-	-	15.464	-	-	16.570	-	-	-	-	-	16.570
Support - Program Management Cost																		
Government Management	-	-	4.032	-	-	0.275	-	-	0.300	-	-	0.659	-	-	-	-	-	0.659
<i>Subtotal: Support - Program Management Cost</i>	-	-	4.032	-	-	0.275	-	-	0.300	-	-	0.659	-	-	-	-	-	0.659
Gross/Weapon System Cost	18,519.375	24	444.465	1,370.545	11	15.076	1,433.091	11	15.764	1,435.750	12	17.229	-	-	-	1,435.750	12	17.229

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0106 / NSTD Battle Command Training Center Support Prg

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Remarks:
 Variations in unit cost are because of differences in the size of the site being modernized in any given year. Larger sites require more equipment, and therefore have a higher unit cost.
 FY 2024 to FY 2025 increase in ESS Services is due to the ESS Authority to Operate (ATO) is now in place and the test bed must be maintained. New contract has a slight increase in ESS costs.
 This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	9	10	9	-	9
	Total Obligation Authority	13.519	14.984	14.858	-	14.858
ANG	Quantity	1	-	2	-	2
	Total Obligation Authority	0.779	-	1.576	-	1.576
AR	Quantity	1	1	1	-	1
	Total Obligation Authority	0.778	0.780	0.795	-	0.795
Total:	Quantity	11	11	12	-	12
Secondary Distribution	Total Obligation Authority	15.076	15.764	17.229	-	17.229

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem				Item Number / Title [DODIC]: NA0106 / NSTD Battle Command Training Center Support Prg				

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
Furniture, Fixtures & Equipment Refresh		2023	Phoenix Logistics Inc. / Mesa, Arizona	C / FFP	ACC Orlando, FL	Jan 2023	Mar 2023	5	1,943.000	Y		
Furniture, Fixtures & Equipment Refresh		2024	TBD / TBD	C / FFP	ACC Orlando, FL	Jan 2024	Mar 2024	5	2,010.800	N		
Furniture, Fixtures & Equipment Refresh		2025	TBD / TBD	C / FFP	ACC, Orlando, FL	Jan 2025	Mar 2025	6	1,993.000	N		
Mission Command Equipment - Hardware		2023	PEO C3T / APG- North, MD	MIPR	ACC APG MD	Jun 2023	Sep 2023	3	953.000	Y		
Mission Command Equipment - Hardware		2024	TBD / TBD	C / FFP	ACC Orlando, FL	Jan 2024	Mar 2024	3	1,007.000	N		
Mission Command Equipment - Hardware		2025	TBD / TBD	C / FFP	ACC Orlando, FL	Jan 2025	Mar 2025	3	827.330	N		
Battlefield Visualization		2023	PEO C3T / APG- North, MD	MIPR	ACC APG MD	Jun 2023	Sep 2023	2	493.000	Y		
Battlefield Visualization		2024	TBD / TBD	C / FFP	ACC Orlando, FL	Jan 2024	Mar 2024	2	547.000	N		
Battlefield Visualization		2025	TBD / TBD	C / FFP	ACC Orlando, FL	Jan 2025	Mar 2025	2	312.000	N		
ESS Services		2023	Phoenix Logistics Inc. / Mesa, Arizona	C / FFP	ACC Orlando	Oct 2022	Oct 2022	1	1,241.000	Y		
ESS Services		2024	TBD / TBD	C / FFP	ACC Orlando, FL	Jan 2024	Mar 2024	1	1,295.000	N		
ESS Services		2025	TBD / TBD	C / FFP	ACC Orlando, FL	Jan 2025	Mar 2025	1	1,506.000	N		

Remarks:
 Items are COTS. Per the Resource Formulation Guidance, no P-21 is required for COTS items.
 Army Contracting Command, (ACC) Orlando, FL

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0110 / NSTD - Live Training
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	8	342	553	-	-	-
Gross/Weapon System Cost (\$ in Millions)	20.904	29.692	53.404	22.166	-	22.166
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	20.904	29.692	53.404	22.166	-	22.166
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	20.904	29.692	53.404	22.166	-	22.166

(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)	2,613.000	86.819	96.571	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Soldier Monitoring System (SMS)	1,213.125	8	9.705	-	-	2.851	-	-	-	-	-	0.273	-	-	-	-	-	0.273
Joint Pacific Multinational Readiness Capability-Instrumentation System (JPMRC-IS) PDSS	-	-	1.020	-	-	2.220	-	-	2.114	-	-	1.431	-	-	-	-	-	1.431
Home Station Instrumentation Training System (HITS) PDSS/CTR	-	-	8.895	-	-	1.593	-	-	4.098	-	-	4.808	-	-	-	-	-	4.808
Joint Pacific Multinational Readiness Capability-Instrumentation System (JPMRC-IS) FOC/CTR	-	-	-	-	-	20.944	-	-	16.819	-	-	7.588	-	-	-	-	-	7.588
Direct Injection Jammer (DIJ) ^(†)	-	-	-	3.146	342	1.076	9.751	470	4.583	-	-	-	-	-	-	-	-	-
T-IADS PDSS Support	-	-	-	-	-	-	-	-	0.384	-	-	-	-	-	-	-	-	-
Live Multi-Domain Operations (MDO)	-	-	-	-	-	-	-	-	-	-	-	1.002	-	-	-	-	-	1.002
<i>Subtotal: Recurring Cost</i>	-	-	19.620	-	-	28.684	-	-	27.998	-	-	15.102	-	-	-	-	-	15.102
<i>Subtotal: Flyaway Cost</i>	-	-	19.620	-	-	28.684	-	-	27.998	-	-	15.102	-	-	-	-	-	15.102

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0110 / NSTD - Live Training
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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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
T-IADS TASS Kits Production ^(†)	-	-	-	-	-	-	145.865	52	7.585	-	-	-	-	-	-	-	-	-
T-IADS MANPADS Production ^(†)	-	-	-	-	-	-	109.516	31	3.395	-	-	-	-	-	-	-	-	-
JPMRC-IS Pacific Multi-Domain Training Experimentation Capability (PMTEC)	-	-	-	-	-	-	-	-	11.300	-	-	3.817	-	-	-	-	-	3.817
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	22.280	-	-	3.817	-	-	-	-	-	3.817
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	-	-	-	22.280	-	-	3.817	-	-	-	-	-	3.817
Logistics Cost																		
Recurring Cost																		
T-IADS Phase II Contract Management Support	-	-	-	-	-	-	-	-	0.760	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	0.760	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics Cost</i>	-	-	-	-	-	-	-	-	0.760	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Contractor Management	-	-	1.284	-	-	0.773	-	-	2.100	-	-	2.039	-	-	-	-	-	2.039
Government Management	-	-	-	-	-	0.235	-	-	0.266	-	-	1.208	-	-	-	-	-	1.208
<i>Subtotal: Support - Program Management Cost</i>	-	-	1.284	-	-	1.008	-	-	2.366	-	-	3.247	-	-	-	-	-	3.247
Gross/Weapon System Cost	2,613.000	8	20.904	86.819	342	29.692	96.571	553	53.404	-	-	22.166	-	-	-	-	-	22.166

Remarks:
Program Management contains those costs associated with HITS, JPMRC-IS and TIADS.

FY 2025 HITS Contractor Management \$0.746 million and Government Management \$0.502 million, FY 2025 JPMRC-IS Contractor Management \$0.746 and Government Management totals \$0.667 million, FY 2025 TIADS Contractor Management \$0.547 million and Government Management \$0.039 million.

FY 2025 Live Multi-Domain Operations \$1.002 million will purchase 182 sUAS's.

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0110 / NSTD - Live Training
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	342	553	-	-	-
	Total Obligation Authority	29.692	53.404	22.166	-	22.166
Total:	Quantity	342	553	-	-	-
Secondary Distribution	Total Obligation Authority	29.692	53.404	22.166	-	22.166

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0110 / NSTD - Live Training
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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
Direct Injection Jammer (DIJ)		2023	Scientific Research Corp (DIJ) / Huntsville, AL	Option / IDIQ	ACC, Orlando	Jan 2023	Jan 2024	342	3.146	Y		
Direct Injection Jammer (DIJ)		2024	Scientific Research Corp (DIJ) / Huntsville, AL	Option / IDIQ	ACC, Redstone Arsenal, AL	Jan 2024	Jul 2024	470	9.751	Y		
T-IADS TASS Kits Production		2024	TBD - Threat Integrated Air Defense System (TIADS) / TBD	C / IDIQ	ACC, Orlando	Jan 2024	Nov 2024	52	145.865	Y		Jan 2023
T-IADS MANPADS Production		2024	TBD - Threat Integrated Air Defense System (TIADS) / TBD	C / IDIQ	ACC, Orlando	Jan 2024	Jan 2025	31	109.516	Y		Jan 2023

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Exhibit P-5, Cost Analysis: PB 2025 Army					Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem			Item Number / Title [DODIC]: NA0116 / NSTD- MILES		
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)			4,012	643	-	619	-	619
Gross/Weapon System Cost (<i>\$ in Millions</i>)			627.255	25.866	13.343	17.133	-	17.133
Less PY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)			627.255	25.866	13.343	17.133	-	17.133
Plus CY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)			627.255	25.866	13.343	17.133	-	17.133
<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>)			156.345	40.227	-	27.679	-	27.679

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
MILES Individual Weapon System (IWS)	5.135	59,036	303.174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILES Tactical Vehicle System (TVS)	11.107	1,000	11.107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I-MILES Vehicle TESS (V-TESS) ^(†)	11.501	9,791	112.605	7.317	643	4.705	-	-	11.268	619	6.975	-	-	-	11.268	619	6.975	
MILES CVTESS	25.439	1,758	44.721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILES Tech Refresh	-	-	21.023	-	-	-	-	2.700	-	-	-	-	-	-	-	-	-	
MILES ECPs	-	-	24.432	-	-	-	-	2.600	-	-	-	-	-	-	-	-	-	
MILES Initial Spares & Batteries	-	-	7.221	-	-	4.249	-	1.500	-	-	3.161	-	-	-	-	-	3.161	
WITS Kits	12.712	4,044	51.406	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal: Recurring Cost</i>	-	-	575.689	-	-	8.954	-	6.800	-	-	10.136	-	-	-	-	-	10.136	
Non Recurring Cost																		
Price Redetermination	-	-	-	-	-	7.482	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	7.482	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal: Flyaway Cost</i>	-	-	575.689	-	-	16.436	-	6.800	-	-	10.136	-	-	-	-	-	10.136	
Software Cost																		
Recurring Cost																		
MILES PDSS	-	-	2.415	-	-	7.452	-	1.176	-	-	2.072	-	-	-	-	-	2.072	

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem						Item Number / Title [DODIC]: NA0116 / NSTD- MILES					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	2.415	-	-	7.452	-	-	1.176	-	-	2.072	-	-	-	-	-	2.072
<i>Subtotal: Software Cost</i>	-	-	2.415	-	-	7.452	-	-	1.176	-	-	2.072	-	-	-	-	-	2.072
Logistics Cost																		
Non Recurring Cost																		
MILES Job Performance Aids	-	-	1.500	-	-	-	-	-	1.500	-	-	1.700	-	-	-	-	-	1.700
<i>Subtotal: Non Recurring Cost</i>	-	-	1.500	-	-	-	-	-	1.500	-	-	1.700	-	-	-	-	-	1.700
<i>Subtotal: Logistics Cost</i>	-	-	1.500	-	-	-	-	-	1.500	-	-	1.700	-	-	-	-	-	1.700
Support - Fielding Cost																		
Fielding	-	-	0.923	-	-	0.880	-	-	0.933	-	-	0.335	-	-	-	-	-	0.335
<i>Subtotal: Support - Fielding Cost</i>	-	-	0.923	-	-	0.880	-	-	0.933	-	-	0.335	-	-	-	-	-	0.335
Support - Program Management Cost																		
Contractor Management	-	-	38.283	-	-	-	-	-	2.267	-	-	2.372	-	-	-	-	-	2.372
<i>Subtotal: Support - Program Management Cost</i>	-	-	38.283	-	-	-	-	-	2.267	-	-	2.372	-	-	-	-	-	2.372
Support - System Engineering Cost																		
System Engineering	-	-	8.467	-	-	1.098	-	-	0.667	-	-	0.518	-	-	-	-	-	0.518
<i>Subtotal: Support - System Engineering Cost</i>	-	-	8.467	-	-	1.098	-	-	0.667	-	-	0.518	-	-	-	-	-	0.518
Gross/Weapon System Cost	156.345	4,012	627.255	40.227	643	25.866	-	-	13.343	27.679	619	17.133	-	-	-	27.679	619	17.133

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	643	-	619	-	619
	Total Obligation Authority	25.866	13.343	17.133	-	17.133
Total: Secondary Distribution	Quantity	643	-	619	-	619
	Total Obligation Authority	25.866	13.343	17.133	-	17.133

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0116 / NSTD- MILES
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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
I-MILES Vehicle TESS (V-TESS) ^(†)		2023	Lockheed Martin Corporation (V-TESS) / Orlando, FL	Option / FFP	ACC, Orlando, FL	Jul 2023	May 2025	643	7.317	Y		
I-MILES Vehicle TESS (V-TESS) ^(†)		2025	TBD / TBD	C / FFP	ACC, Orlando, FL	Mar 2025	Mar 2027	619	11.268	Y		

^(†) indicates the presence of a P-21

Remarks:
Army Contracting Command, (ACC) Orlando, FL

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70 **P-1 Line Item Number / Title:** 2062NA0100 / Training Devices, Nonsystem **Item Number / Title [DODIC]:** NA0116 / NSTD- MILES

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023												Fiscal Year 2024												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023												Calendar Year 2024												
							O C T	N O V	D E C	J A N	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
I-MILES Vehicle TESS (V-TESS)																															
Prior Years Deliveries: 9791																															
	1	2023	ARMY	643	0	643																							643		
	2	2025	ARMY	619	0	619																							619		
							O C T	N O V	D E C	J A N	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70 **P-1 Line Item Number / Title:** 2062NA0100 / Training Devices, Nonsystem **Item Number / Title [DODIC]:** NA0116 / NSTD- MILES

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2025													Fiscal Year 2026													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 4	BAL D U E A S O F 1 O C T	Calendar Year 2025													Calendar Year 2026													
							O C T	N O V	D E C	J A N	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			
I-MILES Vehicle TESS (V-TESS)																																	
Prior Years Deliveries: 9791																																	
	1	2023	ARMY	643	0	643	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
	2	2025	ARMY	619	0	619																						619					
							O C T	N O V	D E C	J A N	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0116 / NSTD- MILES
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027														Fiscal Year 2028														BALANCE	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	Calendar Year 2027														Calendar Year 2028														
							O C T	N O V	D E C	J A N	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					
I-MILES Vehicle TESS (V-TESS)																																			
Prior Years Deliveries: 9791																																			
	1	2023	ARMY	643	643	0																							0						
	2	2025	ARMY	619	0	619	-	-	-	-	-	51	51	51	51	51	52	52	52	52	52	52							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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0116 / NSTD- MILES
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Lockheed Martin Corporation (V-TESS) - Orlando, FL	300	750	10,000	0	17	19	36	0	6	13	19
2	TBD - TBD	500	3,000	4,500	0	5	24	29	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-5, Cost Analysis: PB 2025 Army											Date: March 2024						
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem					Item Number / Title [DODIC]: NA0121 / NSTD - LVC ARCHITECTURE						
ID Code (A=Service Ready, B=Not Service Ready) :						MDAP/MAIS Code:											
Resource Summary				Prior Years		FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Procurement Quantity (Units in Each)				14		3		3		3		-		3			
Gross/Weapon System Cost (\$ in Millions)				127.579		7.603		13.045		13.994		-		13.994			
Less PY Advance Procurement (\$ in Millions)				-		-		-		-		-		-			
Net Procurement (P-1) (\$ in Millions)				127.579		7.603		13.045		13.994		-		13.994			
Plus CY Advance Procurement (\$ in Millions)				-		-		-		-		-		-			
Total Obligation Authority (\$ in Millions)				127.579		7.603		13.045		13.994		-		13.994			
<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)				9,112.786		2,534.333		4,348.333		4,664.667		-		4,664.667			

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
CTIA Modifications	-	-	4.622	-	-	0.825	-	-	0.571	-	-	0.566	-	-	-	-	-	0.566
CTIA Continuous Tech Refresh	-	-	2.211	-	-	0.241	-	-	0.291	-	-	0.328	-	-	-	-	-	0.328
LVC-IA Fieldings	364.500	12	4.374	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LVC New Equipment Training	-	-	3.714	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LVC-IA Spares	-	-	0.429	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LVC-IA Site Support	-	-	1.780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USARJ Cyber Range Segami Depot	-	-	-	-	-	-	-	-	5.000	-	-	5.010	-	-	-	-	-	5.010
<i>Subtotal: Recurring Cost</i>	-	-	<i>17.130</i>	-	-	<i>1.066</i>	-	-	<i>5.862</i>	-	-	<i>5.904</i>	-	-	<i>-</i>	-	-	<i>5.904</i>
Non Recurring Cost																		
LVC-IA Version 4 Upgrade/Tech Refresh	470.357	14	6.585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LVC-IA Tech Refresh (t)	362.407	27	9.785	151.000	3	0.453	130.333	3	0.391	246.667	3	0.740	-	-	-	246.667	3	0.740
<i>Subtotal: Non Recurring Cost</i>	-	-	<i>16.370</i>	-	-	<i>0.453</i>	-	-	<i>0.391</i>	-	-	<i>0.740</i>	-	-	<i>-</i>	-	-	<i>0.740</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>33.500</i>	-	-	<i>1.519</i>	-	-	<i>6.253</i>	-	-	<i>6.644</i>	-	-	<i>-</i>	-	-	<i>6.644</i>
Software Cost																		
Recurring Cost																		
LVC-IA PDSS	1,599.667	18	28.794	-	-	2.239	-	-	2.492	-	-	3.158	-	-	-	-	-	3.158

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem						Item Number / Title [DODIC]: NA0121 / NSTD - LVC ARCHITECTURE					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
LVC-IA Core System Integration	-	-	9.432	-	-	0.730	-	-	0.606	-	-	0.606	-	-	-	-	-	0.606
CTIA PDSS	-	-	25.725	-	-	1.863	-	-	1.902	-	-	1.927	-	-	-	-	-	1.927
<i>Subtotal: Recurring Cost</i>	-	-	63.951	-	-	4.832	-	-	5.000	-	-	5.691	-	-	-	-	-	5.691
<i>Subtotal: Software Cost</i>	-	-	63.951	-	-	4.832	-	-	5.000	-	-	5.691	-	-	-	-	-	5.691
Logistics Cost																		
Recurring Cost																		
LVC-IA Contractor Logistics Support	-	-	3.873	-	-	0.435	-	-	0.426	-	-	0.467	-	-	-	-	-	0.467
<i>Subtotal: Recurring Cost</i>	-	-	3.873	-	-	0.435	-	-	0.426	-	-	0.467	-	-	-	-	-	0.467
<i>Subtotal: Logistics Cost</i>	-	-	3.873	-	-	0.435	-	-	0.426	-	-	0.467	-	-	-	-	-	0.467
Support - Program Management Cost																		
Contractor Management	-	-	25.605	-	-	0.795	-	-	1.366	-	-	1.192	-	-	-	-	-	1.192
Government Management	-	-	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	25.605	-	-	0.817	-	-	1.366	-	-	1.192	-	-	-	-	-	1.192
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	0.650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	0.650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	9,112.786	14	127.579	2,534.333	3	7.603	4,348.333	3	13.045	4,664.667	3	13.994	-	-	-	4,664.667	3	13.994

Remarks:

Program Management contains those costs associated with LVC-IA and CTIA. FY 2025 LVC-IA Contractor and Government Management totals \$0.635 million. FY 2025 CTIA Contractor and Government Management totals \$0.557 million.

The cost increase for CTIA Continuous Tech Refresh from FY 2024 to FY 2025 is to perform continuous upgrade of CTIA third party tools (e.g. - JAVA, Angular) to the latest version to maintain cybersecurity compliance and architecture stability.

The increase seen in unit cost for LVC-IA Version Upgrades/Tech Refresh from FY 2024 to FY 2025 is due upgrading hardware and software components of the LVC-IA system the original equipment manufacturer no longer provides information assurance and/or maintenance support to maintain Risk Management Framework accreditation while ensuring LVC-IA maintains interoperability with the Synthetic Training Environment (STE). The increase seen in LVC-IA Post Deployment Software Support (PDSS) is due to ensuring the external interfaces LVC TADSS and STE remains interoperable. Additionally, the increase seen in LVC-IA PDSS is due integration of One World Terrain (OWT) and Models are converted into run-time format required to be utilize with the LVC-IA. The decrease in LVC-IA Core System integration cost from FY 2023 to FY 2024 reflects actual cost from recently awarded LVC-IA follow-on contract on 24 May 2023.

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0121 / NSTD - LVC ARCHITECTURE
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	3	3	3	-	3
	Total Obligation Authority	7.603	13.045	13.994	-	13.994
Total:	Quantity	3	3	3	-	3
Secondary Distribution	Total Obligation Authority	7.603	13.045	13.994	-	13.994

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2062NA0100 / Training Devices, Nonsystem	Item Number / Title [DODIC]: NA0121 / NSTD - LVC ARCHITECTURE
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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
LVC-IA Tech Refresh		2023	Dignitas Technologies, LLC / Orlando	Option / CPFF	ACC-Orlando, FL	May 2023	Jan 2024	3	151.000	Y		Oct 2021
LVC-IA Tech Refresh		2024	Dignitas Technologies, LLC / Orlando	Option / CPFF	ACC-Orlando, FL	Nov 2023	Jan 2024	3	130.333	Y		
LVC-IA Tech Refresh		2025	Dignitas Technologies, LLC / Orlando	Option / CPFF	ACC-Orlando, FL	May 2025	Jan 2026	3	246.667	Y		

Remarks:

In FY 2022, the program continued tech refresh of the system to Version 4, to include additional integration requirement to ensure interoperability with the Synthetic Training Environment (STE). Starting in FY 2023, the program will continue tech refreshes to ensure interoperability with STE, Mission Command Information Systems (MCIS) and maintaining Risk Management Framework accreditation.

The decrease seen in unit cost for LVC-IA Version Upgrades/Tech Refresh from FY2023 to FY2024 is due to only upgrading hardware components of the LVC-IA system once the original equipment manufacturer no longer provides information assurance and/or maintenance support. The increase seen in unit cost for LVC-IA Version Upgrades/Tech Refresh from FY 2024 to FY 2025 is due upgrading hardware components of the LVC-IA system the original equipment manufacturer no longer provides information assurance and/or maintenance support to maintain Risk Management Framework accreditation in addition to ensuring LVC-IA system is interoperable with the STE.

Note: FY 2023 quantities were awarded May 2023, with a projected first delivery of Jan 2024. FY2024 quantities will be awarded May 2024, with a projected first delivery of Jan 2025. These dates will be updated on P-5a in the next available cycle.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604121A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	515	591	759	-	759	1,924	1,164	2,144	123	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3.000	186.540	234.965	218.183	-	218.183	326.114	294.945	250.557	249.390	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	3.000	186.540	234.965	218.183	-	218.183	326.114	294.945	250.557	249.390	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3.000	186.540	234.965	218.183	-	218.183	326.114	294.945	250.557	249.390	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>)	-	362.214	397.572	287.461	-	287.461	169.498	253.389	116.864	2,027.561	Continuing	Continuing

Description:

These funding lines are directly aligned to the Army Modernization Priorities.

The Synthetic Training Environment (STE) is the next generation holistic collective training capability that will enable leaders, Soldiers, and units to train where they will fight, with the partners they will fight with, and in complex operational environments to include dense urban, woodland, jungle, dessert, and sub-terrain, before the first fight begins. STE will revolutionize Army training by providing the repetition necessary at the Point of Need for improved proficiency prior to live training or operations - improving Soldier lethality and survivability. The STE program has multiple OTAs awarded in support of prototyping capabilities and will implement multiple adaptive acquisition framework pathways including the Software Acquisition Pathway (SWP) and the Middle Tier of Acquisition (MTA) pathway. The STE will be available where training occurs (home station, combat training centers, armories, institutions, shipboard, deployed).

The STE is comprised of five main signature efforts: 1) STE-Software (STE-SW); 2) Reconfigurable Virtual Collective Trainers (RVCT); 3) Squad Immersive Virtual Trainer (SiVT, in partnership with Solider Lethality's IVAS program); 4) STE Live; and 5) Solider Virtual Trainer. STE-SW is comprised of Synthetic Training Environment training capability consisting of One World Terrain (OWT), Training Simulation Software (TSS), and Training Management Tools (TMT). The RVCT will allow units to collectively train, using proponent developed Combined Arms Training Strategies (CATS), on a simulated, fully interactive, real-time battlefield. Squad Immersive Virtual Trainer (SiVT) is the immersive training capability delivered as part of the Integrated Visual Augmentation System (IVAS) for the close combat Squads that enables IVAS to be a fight, rehearse, and training platform. STE Live focuses on the development of twelve engagement types and five instrumentation enablers. The twelve engagement types are direct fire, counter-defilade fire, indirect fire, dropped objects, placed objects, thrown objects, guided weapons, autonomous weapons, cyber, directed energy, radiant energy, and plume; the five instrumentation enablers are calculations, networks, sensors, terrains, and transmitters. SVT will provide training to Soldiers Army wide by providing a Weapons Skills Development (WSD), Joint Fires Trainer (JFT) and Use of Force (UoF). A future STE line of effort includes Next Generation Constructive (NGC) that will be scaled up from what the vendor is able to deliver through the STE-SW platform. NGC, as part of STE-SW, will provide constructive training capability to echelons above brigade.

Notes:

The fluctuations in overall unit costs on the P-40 are dependent on the mix of items being procured in the sub-projects. Details on specific unit costs will be found on the individual P5's.

STE-Software (STE-SW) was previously referred to as STE-Information System (STE-IS).

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604121A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	515	583	758	-	758	1,924	1,164	2,143	123
	Total Obligation Authority	186.540	229.432	213.293	-	213.293	326.114	294.945	245.793	249.390
ANG	Quantity	-	7	1	-	1	-	-	1	-
	Total Obligation Authority	-	4.829	4.890	-	4.890	-	-	4.764	-
AR	Quantity	-	1	-	-	-	-	-	-	-
	Total Obligation Authority	-	0.704	-	-	-	-	-	-	-
Total:	Quantity	515	591	759	-	759	1,924	1,164	2,144	123
Secondary Distribution	Total Obligation Authority	186.540	234.965	218.183	-	218.183	326.114	294.945	250.557	249.390

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment

P-1 Line Item Number / Title:
2079NA2000 / Synthetic Training Environment (STE)

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604121A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	NA2012 / STE LIVE TRAINING SYSTEM	P-5a, P-21			- / 3.000	- / 6.166	- / 35.071	1 / 73.811	- / -	1 / 73.811
P-5	NA2013 / STE-SOLDIER VIRTUAL TRAINER	P-5a, P-21			- / -	- / -	14 / 10.060	31 / 23.798	- / -	31 / 23.798
P-5	NA2014 / STE-RVCT	P-5a, P-21			- / -	511 / 170.652	576 / 180.186	722 / 96.075	- / -	722 / 96.075
P-5	NA2016 / STE INFO SYSTEMS (TSS/TMT)	P-5a			- / -	4 / 9.722	1 / 9.648	5 / 24.499	- / -	5 / 24.499
P-40	Total Gross/Weapon System Cost				- / 3.000	515 / 186.540	591 / 234.965	759 / 218.183	- / -	759 / 218.183

*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 2025 Base procurement dollars in the amount of \$218.183 million supports the following STE signature efforts: Reconfigurable Virtual Collective Trainers (RVCT), Training Simulation Software/Training Management Tools (TSS/TMT), Soldier Virtual Trainer (SVT), and STE Live.

NA2012: FY 2025 STE Live base procurement dollars in the amount of \$73.811 million will procure Force on Force engagement types, updates to the live training infrastructure, and Contractor Logistics Support that will support the integration and fielding of STE Live capabilities to the Combat Training Centers. Planned entry into Middle Tier Acquisition-Rapid Fielding in 4QFY2024.

NA2013: FY 2025 SVT base procurement dollars in the amount of \$23.798 million will procure SVT initial Weapon Skills Development (WSD) capabilities for Increment 1.

NA2014: FY 2025 RVCT base procurement dollars in the amount of \$96.075 million procures the RVCT devices in FY 2025 for delivery in FY 2026. Additionally, the base funding will provide funding for Interim Contract Support to fielded locations.

NA2015: STE OWT program will not be requesting Base procurement dollars in FY 2025.

NA2016: FY 2025 Base procurement dollars in the amount of \$24.499 million for STE Software (TSS/TMT) will procure STE-SW, licenses, and associated fielding activities at five (5) locations. Furthermore, base funding will provide Post Deployment Software Support (PDSS) to conduct software updates, patches, modifications, Risk Management Framework (RMF) concurrency, address Problem Troubleshoot Reports (PTRs), and provide help desk support to fielded systems.

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 2025 Army						Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)			Item Number / Title [DODIC]: NA2012 / STE LIVE TRAINING SYSTEM		
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)			-	-	-	1	-	1
Gross/Weapon System Cost (<i>\$ in Millions</i>)			3.000	6.166	35.071	73.811	-	73.811
Less PY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)			3.000	6.166	35.071	73.811	-	73.811
Plus CY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)			3.000	6.166	35.071	73.811	-	73.811
<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>)			-	-	-	73,811.000	-	73,811.000

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
STE LTS Infrastructure and Instrumentation	-	-	3.000	-	-	-	-	-	-	-	-	11.698	-	-	-	-	-	11.698
Force on Force Engagement Type Production ^(f)	-	-	-	-	-	5.349	-	-	27.192	55,271.000	1	55.271	-	-	-	55,271.000	1	55.271
STE LTS Software Infrastructure Update	-	-	-	-	-	0.817	-	-	4.640	-	-	6.842	-	-	-	-	-	6.842
<i>Subtotal: Recurring Cost</i>	-	-	3.000	-	-	6.166	-	-	31.832	-	-	73.811	-	-	-	-	-	73.811
<i>Subtotal: Hardware Cost</i>	-	-	3.000	-	-	6.166	-	-	31.832	-	-	73.811	-	-	-	-	-	73.811
Support - Contractor Logistics Support (CLS) Cost																		
Oversight	-	-	-	-	-	-	-	-	3.239	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Contractor Logistics Support (CLS) Cost</i>	-	-	-	-	-	-	-	-	3.239	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	3.000	-	-	6.166	-	-	35.071	73,811.000	1	73.811	-	-	-	73,811.000	1	73.811

Remarks:

STE Live: FY 2025 Base procurement dollars in the amount of \$73.669 million will procure Force on Force engagement types, updates to the live training instrumentation and software infrastructure that will support the integration and fielding of STE Live capabilities to the CTCs. Qty of 1 is in reference to the number of fielded sites and is for the procurement of multiple engagement types for JRTC in FY 2025.

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2012 / STE LIVE TRAINING SYSTEM
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	1	-	1
	Total Obligation Authority	6.166	35.071	73.811	-	73.811
Total:	Quantity	-	-	1	-	1
Secondary Distribution	Total Obligation Authority	6.166	35.071	73.811	-	73.811

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)				Item Number / Title [DODIC]: NA2012 / STE LIVE TRAINING SYSTEM					
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Force on Force Engagement Type Production ^(†)		2025	TBD - STE Live / TBD	C / FFP	Orlando, FL	Mar 2025	Mar 2026	1	55,271.000	N		

^(†) indicates the presence of a P-21

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2012 / STE LIVE TRAINING SYSTEM
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025												Fiscal Year 2026												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025												Calendar Year 2026												
							O C T	N O V	D E C	J A N	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
Force on Force Engagement Type Production																															
1		2025	ARMY	1	0	1																									

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Exhibit P-21, Production Schedule: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2012 / STE LIVE TRAINING SYSTEM
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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 - STE Live - TBD	10,000,000	65,000,000	120,000,000	0	5	12	17	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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70		P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)
		Item Number / Title [DODIC]: NA2013 / STE-SOLDIER VIRTUAL TRAINER

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	-	-	14	31	-	31
Gross/Weapon System Cost (\$ in Millions)	-	-	10.060	23.798	-	23.798
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	-	10.060	23.798	-	23.798
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	10.060	23.798	-	23.798

(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)	-	-	718.571	767.677	-	767.677

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Weapon Skill Development ^(†)	-	-	-	-	-	-	718.571	14	10.060	734.387	31	22.766	-	-	-	734.387	31	22.766
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	10.060	-	-	22.766	-	-	-	-	-	22.766
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	-	-	-	10.060	-	-	22.766	-	-	-	-	-	22.766
Support - Program Management Cost																		
Contractor Management	-	-	-	-	-	-	-	-	-	-	-	1.032	-	-	-	-	-	1.032
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	-	-	-	-	-	-	1.032	-	-	-	-	-	1.032
Gross/Weapon System Cost	-	-	-	-	-	-	718.571	14	10.060	767.677	31	23.798	-	-	-	767.677	31	23.798

Remarks:

SVT will procure Weapon Skills Development (WSD) capability in FY 2025 which will replace the current Marksmanship, Engagement Skills Trainer (EST III) Program of Record.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	6	31	-	31
	Total Obligation Authority	-	4.527	23.798	-	23.798
ANG	Quantity	-	7	-	-	-
	Total Obligation Authority	-	4.829	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2013 / STE-SOLDIER VIRTUAL TRAINER

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
AR	Quantity	-	1	-	-	-
	Total Obligation Authority	-	0.704	-	-	-
Total: Secondary Distribution	Quantity	-	14	31	-	31
	Total Obligation Authority	-	10.060	23.798	-	23.798

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)					Item Number / Title [DODIC]: NA2013 / STE-SOLDIER VIRTUAL TRAINER				
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
Weapon Skill Development ^(†)		2024	CAE Inc. / Orlando, FL	C / TBD	ACC, Orlando FL	Apr 2024	Jun 2025	14	718.571	N		
Weapon Skill Development ^(†)		2025	CAE Inc. / Orlando, FL	C / FFP	ACC, Orlando, FL	Apr 2025	Jun 2026	31	734.387	N		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army																		Date: March 2024											
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70												P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)										Item Number / Title [DODIC]: NA2013 / STE-SOLDIER VIRTUAL TRAINER							

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026														Fiscal Year 2027														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026														Calendar Year 2027														
							O C T	N O V	D E C	J A N	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					
Weapon Skill Development																																			
	1	2024	ARMY	14	14	0																							0						
	1	2025	ARMY	31	0	31	-	-	-	-	-	-	-	-	5	5	5	5	5	6									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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70		P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)
		Item Number / Title [DODIC]: NA2013 / STE-SOLDIER VIRTUAL TRAINER

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	CAE Inc. - Orlando, FL	25	250	500	0	6	14	20	0	6	14	20

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2014 / STE-RVCT
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	-	511	576	722	-	722
Gross/Weapon System Cost (\$ in Millions)	-	170.652	180.186	96.075	-	96.075
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	170.652	180.186	96.075	-	96.075
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	170.652	180.186	96.075	-	96.075

(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)	-	333.957	312.823	133.068	-	133.068

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Reconfigurable Virtual Collective Trainer (Air) ^(†)	-	-	-	1,633.782	34	55.549	1,666.452	42	69.991	-	-	-	-	-	-	-	-	-
Reconfigurable Virtual Collective Trainer (UAS) ^(†)	-	-	-	317.301	4	1.269	323.600	10	3.236	-	-	-	-	-	-	-	-	-
RVCT Instructor Operator Station (IOS) ^(†)	-	-	-	19.829	37	0.734	20.216	37	0.748	-	-	-	-	-	-	-	-	-
RVCT-Ground (G) Common ^(†)	-	-	-	167.097	118	19.717	170.440	134	22.839	-	-	-	-	-	-	-	-	-
RVCT-G JLTV/MMG ^(†)	-	-	-	172.731	52	8.982	176.192	73	12.862	-	-	-	-	-	-	-	-	-
RVCT-G JLTV/Stryker ^(†)	-	-	-	29.173	50	1.459	29.756	90	2.678	-	-	-	-	-	-	-	-	-
RVCT-G Bradley ^(†)	-	-	-	237.125	72	17.073	241.875	40	9.675	-	-	-	-	-	-	-	-	-
RVCT-G Abrams ^(†)	-	-	-	447.215	68	30.411	456.158	38	17.334	-	-	-	-	-	-	-	-	-
RVCT NRCM-Gunners ^(†)	-	-	-	715.683	5	3.578	730.000	8	5.840	-	-	-	-	-	-	-	-	-
RVCT NRCM-Cargo ^(†)	-	-	-	737.887	4	2.952	752.000	5	3.760	-	-	-	-	-	-	-	-	-
RVCT-S PLT ^(†)	-	-	-	50.030	15	0.750	51.033	30	1.531	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army													Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)						Item Number / Title [DODIC]: NA2014 / STE-RVCT						
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
RVCT-S SQD ^(†)	-	-	-	57.190	38	2.173	58.333	69	4.025	-	-	-	-	-	-	-	-	-
RVCT AH-64E Cockpit Kit ^(†)	-	-	-	-	-	-	-	-	-	294.900	10	2.949	-	-	-	294.900	10	2.949
RVCT CH-47F Cockpit Kit ^(†)	-	-	-	-	-	-	-	-	-	290.500	10	2.905	-	-	-	290.500	10	2.905
RVCT UH-60M Cockpit Kit ^(†)	-	-	-	-	-	-	-	-	-	297.400	10	2.974	-	-	-	297.400	10	2.974
RVCT Air Common Flight Kit (ACFK) ^(†)	-	-	-	-	-	-	-	-	-	624.500	10	6.245	-	-	-	624.500	10	6.245
RVCT CH-47F Door Gunner Kit ^(†)	-	-	-	-	-	-	-	-	-	40.500	4	0.162	-	-	-	40.500	4	0.162
RVCT CH-47F Ramp Gunner Kit ^(†)	-	-	-	-	-	-	-	-	-	41.500	2	0.083	-	-	-	41.500	2	0.083
RVCT UH-60M Door Gunner Kit ^(†)	-	-	-	-	-	-	-	-	-	50.000	4	0.200	-	-	-	50.000	4	0.200
RVCT M240H Weapon Kit ^(†)	-	-	-	-	-	-	-	-	-	23.000	6	0.138	-	-	-	23.000	6	0.138
RVCT Sling Load Operator Kit ^(†)	-	-	-	-	-	-	-	-	-	44.000	1	0.044	-	-	-	44.000	1	0.044
RVCT Hoist Operator Kit ^(†)	-	-	-	-	-	-	-	-	-	425.000	1	0.425	-	-	-	425.000	1	0.425
RVCT Air Common Logistics Kit (ACLK) ^(†)	-	-	-	-	-	-	-	-	-	39.000	1	0.039	-	-	-	39.000	1	0.039
RVCT UAS GCS Kit ^(†)	-	-	-	-	-	-	-	-	-	80.445	2	0.161	-	-	-	80.445	2	0.161
Instructor Operator Station (IOS) Kit ^(†)	-	-	-	-	-	-	-	-	-	15.560	9	0.140	-	-	-	15.560	9	0.140
RVCT Steering Wheel Driver Kit ^(†)	-	-	-	-	-	-	-	-	-	36.205	46	1.665	-	-	-	36.205	46	1.665
RVCT Common Commander Kit ^(†)	-	-	-	-	-	-	-	-	-	37.742	46	1.736	-	-	-	37.742	46	1.736
RVCT Unstabilized Gunner Kit ^(†)	-	-	-	-	-	-	-	-	-	38.530	24	0.925	-	-	-	38.530	24	0.925
RVCT M2 Weapon Kit ^(†)	-	-	-	-	-	-	-	-	-	16.360	24	0.393	-	-	-	16.360	24	0.393
RVCT M240B Weapon Kit ^(†)	-	-	-	-	-	-	-	-	-	17.906	24	0.430	-	-	-	17.906	24	0.430

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)						Item Number / Title [DODIC]: NA2014 / STE-RVCT					

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
RVCT MK19 Weapon Kit ^(†)	-	-	-	-	-	-	-	-	-	53.629	24	1.287	-	-	-	53.629	24	1.287
RVCT RWS Gunner Kit ^(†)	-	-	-	-	-	-	-	-	-	23.976	22	0.527	-	-	-	23.976	22	0.527
RVCT Bradley Driver Kit ^(†)	-	-	-	-	-	-	-	-	-	38.783	16	0.621	-	-	-	38.783	16	0.621
RVCT M2A3 Commander and Gunner Kit ^(†)	-	-	-	-	-	-	-	-	-	138.594	16	2.218	-	-	-	138.594	16	2.218
RVCT Abrams Driver Kit ^(†)	-	-	-	-	-	-	-	-	-	31.154	14	0.436	-	-	-	31.154	14	0.436
RVCT M1A2 SEPv2 Commander Kit ^(†)	-	-	-	-	-	-	-	-	-	88.600	14	1.240	-	-	-	88.600	14	1.240
RVCT M1A2 SEPv2 Gunner Kit ^(†)	-	-	-	-	-	-	-	-	-	101.883	14	1.426	-	-	-	101.883	14	1.426
RVCT Abrams Loader Kit ^(†)	-	-	-	-	-	-	-	-	-	41.266	14	0.578	-	-	-	41.266	14	0.578
RVCT Base Seat ^(†)	-	-	-	-	-	-	-	-	-	7.398	171	1.265	-	-	-	7.398	171	1.265
RVCT Base Stand ^(†)	-	-	-	-	-	-	-	-	-	10.893	38	0.414	-	-	-	10.893	38	0.414
RVCT Base NRCM ^(†)	-	-	-	-	-	-	-	-	-	11.868	4	0.047	-	-	-	11.868	4	0.047
RVCT Compute Kit ^(†)	-	-	-	-	-	-	-	-	-	49.756	61	3.035	-	-	-	49.756	61	3.035
RVCT Unstabilized Common Weapon Kit (UCWK) ^(†)	-	-	-	-	-	-	-	-	-	41.837	44	1.841	-	-	-	41.837	44	1.841
RVCT Dismounted Platoon Kit ^(†)	-	-	-	-	-	-	-	-	-	53.258	12	0.639	-	-	-	53.258	12	0.639
RVCT Dismounted Squad Kit ^(†)	-	-	-	-	-	-	-	-	-	68.090	24	1.634	-	-	-	68.090	24	1.634
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	144.647	-	-	154.519	-	-	38.822	-	-	-	-	-	38.822
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	144.647	-	-	154.519	-	-	38.822	-	-	-	-	-	38.822
Support - Fielding Cost																		
Fielding	-	-	-	-	-	5.205	-	-	4.500	-	-	16.466	-	-	-	-	-	16.466
<i>Subtotal: Support - Fielding Cost</i>	-	-	-	-	-	5.205	-	-	4.500	-	-	16.466	-	-	-	-	-	16.466
Support - Initial Spares and Repair Parts Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)						Item Number / Title [DODIC]: NA2014 / STE-RVCT					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Initial Spares and Repair Parts	-	-	-	-	-	14.464	-	-	15.527	-	-	4.066	-	-	-	-	-	4.066
<i>Subtotal: Support - Initial Spares and Repair Parts Cost</i>	-	-	-	-	-	14.464	-	-	15.527	-	-	4.066	-	-	-	-	-	4.066
Support - Program Management Cost																		
Contractor Management	-	-	-	-	-	6.336	-	-	5.640	-	-	8.351	-	-	-	-	-	8.351
Government Management	-	-	-	-	-	-	-	-	-	-	-	9.990	-	-	-	-	-	9.990
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	6.336	-	-	5.640	-	-	18.341	-	-	-	-	-	18.341
Support - System Engineering Cost																		
System Engineering	-	-	-	-	-	-	-	-	-	-	-	18.380	-	-	-	-	-	18.380
<i>Subtotal: Support - System Engineering Cost</i>	-	-	-	-	-	-	-	-	-	-	-	18.380	-	-	-	-	-	18.380
Gross/Weapon System Cost	-	-	-	333.957	511	170.652	312.823	576	180.186	133.068	722	96.075	-	-	-	133.068	722	96.075

Remarks:

Reconfigurable Virtual Collective Trainer (RVCT):

The five RVCT general categories shown in FY 2023 and FY 2024 have been broken out for further fidelity in FY 2025 to the Configuration Item Level:

1. RVCT Air
2. RVCT UAS
3. RVCT Ground = RVCT Common Kit, JLTV/MMG Kit, JLTV/Stryker Kit, Bradley Kit, Abrams Kit;
4. RVCT Non-Rated Crew Member (NRCM) = NRCM-Gunner, NRCM-Cargo;
5. RVCT Dismounted Soldier = RVCT-S Platoon Kit, RVCT-S Squad Kit.

Likewise, the RVCT Instructor Operator Stations (IOS) were broken out from individual kits to gain efficiencies across all platforms, (1) IOS per (4) platforms.

Additionally, the RVCT platform breakout for RVCT Ground, NCRM, and Dismounted Solider specifically, provides for a more concise and efficient fielding distribution plan that allows for the Base of Issue Plan to be achieved.

The FY 2025 costs are tied directly to the CESI contract structure, the "support" costs (contractor management, systems engineering and fielding) were pulled away from the individual configuration items and shown at a rolled-up level for the entire production buy. Government Management reflects all the costs associated with the Government for managing the program to include trave, support contractors and gov't Matrix support.

Platform / System Configuration Items Matrix:

RVCT-G Common Wheeled: (1) Steering Wheel Driver Kit, (1) Common Commander Kit

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Exhibit P-5, Cost Analysis: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2014 / STE-RVCT
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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RVCT-G MMG: (1) Unstabilized Gunner Kit, (1) M2 Weapon Kit, (1) M240B Weapon Kit, (1) MK19 Weapon Kit

RVCT-G RWS: (1) RWS Gunner Kit

RVCT-G Bradley: (1) Bradley Driver Kit, (1) M2A3 Commander and Gunner Kit

RVCT-G Abrams: (1) Abrams Loader Kit, (1) Abrams Driver Kit, (1) M1A2 SEPV2 Gunner Kit, (1) M1A2 SEPV2 Commander Kit

RVCT-G Common CI Qty: (Calculate) Base Seat, (Calculate) Base Stand, (Number of Concurrent) Compute Kit, (Calculate) UCWK

RVCT-A Cockpit: (2) Base Seat, (1) Compute Kit, (1) ACFK, (1) AH-64E Cockpit Kit, (1) CH-47F Cockpit Kit, (1) UH-60M Cockpit Kit

RVCT-A NRCM Gunner Stations: (2) Base NRCM, (1) Compute Kit, (3) UCWK, (2) UH-60M Door Gunner Kit, (2) CH-47F Door Gunner Kit, (1) CH-47F Ramp Gunner Kit, (3) M240H Weapon Kit

RVCT-A NRCM Cargo: (1) Compute Kit, (1) ACLK, (1) Sling Load Operator Kit, (1) Hoist Operator Kit

RVCT-A UAS-GCS: (2) Base Seat, (1) Compute Kit, (1) UAS GCS Kit

Instructor Operator Station (IOS): (1) Base Seat, (1) IOS Kit

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	511	576	722	-	722
	Total Obligation Authority	170.652	180.186	96.075	-	96.075
Total: Secondary Distribution	Quantity	511	576	722	-	722
	Total Obligation Authority	170.652	180.186	96.075	-	96.075

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)					Item Number / Title [DODIC]: NA2014 / STE-RVCT				
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
Reconfigurable Virtual Collective Trainer (Air)		2023	Cole Engineering Svc Inc - RVCT Air / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Mar 2023	Apr 2024	34	1,633.782	N		
Reconfigurable Virtual Collective Trainer (Air)		2024	Cole Engineering Svc Inc - RVCT Air / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Dec 2024	42	1,666.458	N		
Reconfigurable Virtual Collective Trainer (UAS)		2023	Cole Engineering Svc Inc - RVCT UAS / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Mar 2023	Jun 2024	4	317.301	N		
Reconfigurable Virtual Collective Trainer (UAS)		2024	Cole Engineering Svc Inc - RVCT UAS / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Feb 2025	10	323.647	N		
RVCT Instructor Operator Station (IOS)		2023	Cole Engineering Svc Inc -Instructor Operator Station / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Mar 2023	Jun 2024	37	19.829	N		
RVCT Instructor Operator Station (IOS)		2024	Cole Engineering Svc Inc -Instructor Operator Station / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Feb 2025	37	20.226	N		
RVCT-Ground (G) Common		2023	Cole Engineering Svc Inc - RVCT Ground (G) Common / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Mar 2023	Apr 2024	118	167.097	N		
RVCT-Ground (G) Common		2024	Cole Engineering Svc Inc - RVCT Ground (G) Common / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Dec 2024	134	170.439	N		
RVCT-G JLTV/MMG		2023	Cole Engineering Svc Inc - RVCT-G JLTV/MMG / Port Orange, FL	C / IDIQ	ACC, Orlando FL	Mar 2023	Apr 2024	52	172.731	N		
RVCT-G JLTV/MMG		2024	Cole Engineering Svc Inc - RVCT-G JLTV/MMG / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Dec 2024	73	176.186	N		
RVCT-G JLTV/Stryker		2023	Cole Engineering Svc Inc - RVCT-G JLTV/Stryker / Port Orange, FL	C / IDIQ	ACC, Orlando FL	Mar 2023	Apr 2024	50	29.173	N		
RVCT-G JLTV/Stryker		2024	Cole Engineering Svc Inc - RVCT-G JLTV/Stryker / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Nov 2024	90	29.756	N		
RVCT-G Bradley		2023	Cole Engineering Svc Inc - RVCT-G Bradley / Port Orange, FL	C / IDIQ	ACC, Orlando FL	Mar 2023	Apr 2024	72	237.125	N		
RVCT-G Bradley		2024	Cole Engineering Svc Inc - RVCT-G Bradley / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Feb 2025	40	241.868	N		
RVCT-G Abrams		2023	Cole Engineering Svc Inc - RVCT-G Abrams / Port Orange, FL	C / IDIQ	ACC, Orlando FL	Mar 2023	Apr 2024	68	447.215	N		
RVCT-G Abrams		2024	Cole Engineering Svc Inc - RVCT-G Abrams / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Feb 2025	38	456.159	N		
RVCT NRCM-Gunners		2023	Cole Engineering Svc Inc - RVCT NRCM Gunners / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Mar 2023	Apr 2024	5	715.683	N		
RVCT NRCM-Gunners		2024	Cole Engineering Svc Inc - RVCT NRCM Gunners / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Feb 2025	8	729.997	N		
RVCT NRCM-Cargo		2023	Cole Engineering Svc Inc - RVCT NRCM Cargo / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Mar 2023	Apr 2024	4	737.887	N		
RVCT NRCM-Cargo		2024	Cole Engineering Svc Inc - RVCT NRCM Cargo / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Nov 2024	5	752.000	N		

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)					Item Number / Title [DODIC]: NA2014 / STE-RVCT				
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
RVCT-S PLT		2023	Cole Engineering Svc Inc - RVCT-S PLT / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Mar 2023	Apr 2024	15	50.030	N		
RVCT-S PLT		2024	Cole Engineering Svc Inc - RVCT-S PLT / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Nov 2024	30	51.031	N		
RVCT-S SQD		2023	Cole Engineering Svc Inc - RVCT-S SQD / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Mar 2023	Apr 2024	38	57.190	N		
RVCT-S SQD		2024	Cole Engineering Svc Inc - RVCT-S SQD / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Nov 2023	Feb 2025	69	58.334	N		
RVCT AH-64E Cockpit Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	10	294.900	Y		
RVCT CH-47F Cockpit Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	10	290.500	Y		
RVCT UH-60M Cockpit Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	10	297.400	Y		
RVCT Air Common Flight Kit (ACFK) ^(†)		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	10	624.500	Y		
RVCT CH-47F Door Gunner Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	4	40.500	Y		
RVCT CH-47F Ramp Gunner Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	2	41.500	Y		
RVCT UH-60M Door Gunner Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	4	50.000	Y		
RVCT M240H Weapon Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	6	23.000	Y		
RVCT Sling Load Operator Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	1	44.000	Y		
RVCT Hoist Operator Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	1	425.000	Y		
RVCT Air Common Logistics Kit (ACLK)		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	1	39.000	Y		

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)					Item Number / Title [DODIC]: NA2014 / STE-RVCT				
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
RVCT UAS GCS Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	2	80.445	Y		
Instructor Operator Station (IOS) Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	9	15.560	Y		
RVCT Steering Wheel Driver Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	46	36.205	Y		
RVCT Common Commander Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	46	37.742	Y		
RVCT Unstablized Gunner Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	24	38.530	Y		
RVCT M2 Weapon Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	24	16.360	Y		
RVCT M240B Weapon Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	24	17.906	Y		
RVCT MK19 Weapon Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	24	53.629	Y		
RVCT RWS Gunner Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	22	23.976	Y		
RVCT Bradley Driver Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	16	38.783	Y		
RVCT M2A3 Commander and Gunner Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	16	138.594	Y		
RVCT Abrams Driver Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	14	31.154	Y		
RVCT M1A2 SEPv2 Commander Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	14	88.600	Y		
RVCT M1A2 SEPv2 Gunner Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	14	101.883	Y		

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2014 / STE-RVCT
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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
RVCT Abrams Loader Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	14	41.266	Y		
RVCT Base Seat		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	171	7.398	Y		
RVCT Base Stand		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	38	10.893	Y		
RVCT Base NRCM		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	4	11.868	Y		
RVCT Compute Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	61	49.756	Y		
RVCT Unstabilized Common Weapon Kit (UCWK)		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	44	41.837	Y		
RVCT Dismounted Platoon Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	12	53.258	Y		
RVCT Dismounted Squad Kit		2025	Cole Engineering Svc Inc - Configuration Item Production Contract / Port Orange, FL	C / IDIQ	ACC, Orlando, FL	Feb 2025	May 2026	24	68.090	Y		

^(t) indicates the presence of a P-21

Remarks:
FY 2024 Contract Award and delivery schedule will be updated when database is unlocked.

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2014 / STE-RVCT
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023												Fiscal Year 2024												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023												Calendar Year 2024												
							O C T	N O V	D E C	J A N	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
RVCT Air Common Flight Kit (ACFK)																															
1		2025	ARMY	10	0	10																								10	
							O C T	N O V	D E C	J A N	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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2014 / STE-RVCT
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025												Fiscal Year 2026												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025												Calendar Year 2026												
							O C T	N O V	D E C	J A N	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
RVCT Air Common Flight Kit (ACFK)																															
1		2025	ARMY	10	0	10																									

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Exhibit P-21, Production Schedule: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2014 / STE-RVCT
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Cole Engineering Svc Inc - Configuration Item Production Contract - Port Orange, FL	1	200	400	0	1	15	16	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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2016 / STE INFO SYSTEMS (TSS/ TMT)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				-	4	1	5	-	5
Gross/Weapon System Cost (\$ in Millions)				-	9.722	9.648	24.499	-	24.499
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				-	9.722	9.648	24.499	-	24.499
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				-	9.722	9.648	24.499	-	24.499
<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)				-	2,430.500	9,648.000	4,899.800	-	4,899.800

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
STE-IS Servers ^(†)	-	-	-	1,450.000	3	4.350	1,450.000	1	1.450	-	-	-	-	-	-	-	-	-
Spares	-	-	-	-	-	0.900	-	-	0.300	-	-	1.447	-	-	-	-	-	1.447
STE-SW SITES ^(†)	-	-	-	-	-	-	-	-	-	1,445.000	5	7.225	-	-	-	1,445.000	5	7.225
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	5.250	-	-	1.750	-	-	8.672	-	-	-	-	-	8.672
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	5.250	-	-	1.750	-	-	8.672	-	-	-	-	-	8.672
Software Cost																		
Recurring Cost																		
Software License	-	-	-	-	-	2.412	-	-	4.497	-	-	7.780	-	-	-	-	-	7.780
Post Deployment Software Support (PDSS)	-	-	-	-	-	-	-	-	-	-	-	3.868	-	-	-	-	-	3.868
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	2.412	-	-	4.497	-	-	11.648	-	-	-	-	-	11.648
<i>Subtotal: Software Cost</i>	-	-	-	-	-	2.412	-	-	4.497	-	-	11.648	-	-	-	-	-	11.648
Logistics Cost																		
Recurring Cost																		
Interim Contractor Support	-	-	-	-	-	2.060	-	-	2.101	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	2.060	-	-	2.101	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics Cost</i>	-	-	-	-	-	2.060	-	-	2.101	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)	Item Number / Title [DODIC]: NA2016 / STE INFO SYSTEMS (TSS/ TMT)

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 Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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 - Fielding Cost																		
Fielding	-	-	-	-	-	-	-	-	1.300	-	-	4.179	-	-	-	-	-	4.179
<i>Subtotal: Support - Fielding Cost</i>	-	-	-	-	-	-	-	-	1.300	-	-	4.179	-	-	-	-	-	4.179
Gross/Weapon System Cost	-	-	-	2,430.500	4	9.722	9,648.000	1	9.648	4,899.800	5	24.499	-	-	-	4,899.800	5	24.499

Remarks:

FY 2025 Base procurement dollars in the amount of \$24.499 million for TSS/TMT will procure STE-SW System, licenses, and associated fielding activities at five (5) locations. Furthermore, base funding will provide Post Deployment Software Support (PDSS) to conduct software updates, patches, modifications, Risk Management Framework (RMF) concurrency, address Problem Troubleshoot Reports (PTRs), and provide help desk support to fielded systems.

The STE-IS Servers Fly Away Cost Element has been changed to STE- Software Sites (SW). Servers are not the metric used for fielding of STE-SW Sites. The metric for this cost element is the number of sites fielded per year. A STE-SW site includes required equipment including Software, Servers Stack, Fielded Servers and Exercise Control (ExCON) Laptops. The Unit Cost of the STE-SW System may change in given year due to hardware required to support training at fielded locations. Fielding activities includes fielding, New Equipment Training (NET), and Documentation for the STE-SW System.

Software License cost reflect annual license for use of a gaming engine within the Synthetic Training Environment. The gaming engine will enable collective training within the STE. The increase in cost from year to year reflects additional licenses required to support fielded locations.

Note: The STE-SW System will be embedded with Reconfigurable Virtual Collective Trainer (RVCT) fieldings to support Company Combined Arms Collective Training.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	4	1	4	-	4
	Total Obligation Authority	9.722	9.648	19.609	-	19.609
ANG	Quantity	-	-	1	-	1
	Total Obligation Authority	-	-	4.890	-	4.890
Total: Secondary Distribution	Quantity	4	1	5	-	5
	Total Obligation Authority	9.722	9.648	24.499	-	24.499

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 2079NA2000 / Synthetic Training Environment (STE)				Item Number / Title [DODIC]: NA2016 / STE INFO SYSTEMS (TSS/TMT)				

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
STE-IS Servers		2023	Cole Engineering Services / Orlando, FL	C / TBD	ACC-Orlando, FL	Jul 2023	Feb 2024	3	1,450.000	N		
STE-IS Servers		2024	TBD / TBD	C / TBD	ACC-Orlando, FL	Dec 2023	Mar 2024	1	1,450.000	N		
STE-SW SITES		2025	Cole Engineering Services / Orlando, FL	Option / FFP	ACC-Orlando, FL	Dec 2024	Mar 2025	5	1,445.000	N		

Remarks:
The STE-SW System comprises of Software, Servers Stack, Fielded Servers and Exercise Control (ExCON) Laptop; the hardware component is procured as Commercial-Off-The-Self (COTS) equipment.

NOTES:
The contract type for the FY2024 Quantities is a Firm Fixed Price (FFP) OTA, awarded in Dec 2023. The vendor for this procurement is Cole Engineering Services. The P-5a will be updated in the next available cycle.

The STE-IS Servers Fly Away Cost Element has been changed to STE- Software Sites (SW). Servers are not the metric used for fielding of STE-SW Sites. The metric for this cost element is the number of sites fielded per year. A STE-SW site includes required equipment including Software, Servers Stack, Fielded Servers and Exercise Control (ExCON) Laptops. The Unit Cost of the STE-SW System may change in given year due to hardware required to support training at fielded locations. Fielding activities includes fielding, New Equipment Training (NET), and Documentation for the STE-SW System.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment	P-1 Line Item Number / Title: 6860NA0176 / Gaming Technology In Support of Army Training
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	48	8	14	-	14	-	17	-	-	-	87
Gross/Weapon System Cost (<i>\$ in Millions</i>)	120.864	9.546	9.698	10.172	-	10.172	7.335	6.435	-	-	-	164.050
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	120.864	9.546	9.698	10.172	-	10.172	7.335	6.435	-	-	-	164.050
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	120.864	9.546	9.698	10.172	-	10.172	7.335	6.435	-	-	-	164.050

(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>)	-	198.875	1,212.250	726.571	-	726.571	-	378.529	-	-	-	1,885.632

Description:

The Games for Training (GFT) Program prepares Soldiers and Leaders by delivering robust training and mission rehearsal capabilities while providing advanced software capabilities to COTS hardware computing systems. The GFT program satisfies the Active, National Guard, and Army Reserves' educational requirements in the Operational, Institutional, and Self-Development Training Domains with a low-overhead capability on geo-specific and geo-typical terrain with relevant platforms and weapon systems. This gaming capability allows units and commanders to train individual and collective tasks at the company and below level with minimal amount of resourcing required (land, ammunition, transportation, etc.). GFT systems provide commanders the ability to refine and rehearse unit Tactics, Techniques, and Procedures (TTPs) and Standard Operating Procedures (SOPs) prior to executing live, large-scale training events. GFT trains units and staffs by facilitating Tactical Exercises Without Troops (TEWT).

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	25	7	12	-	12	-	-	-
	Total Obligation Authority	4.972	5.613	6.188	-	6.188	3.817	1.340	-
ANG	Quantity	20	1	2	-	2	-	17	-
	Total Obligation Authority	4.027	3.433	3.556	-	3.556	3.101	4.948	-
AR	Quantity	3	-	-	-	-	-	-	-
	Total Obligation Authority	0.547	0.652	0.428	-	0.428	0.417	0.147	-
Total:	Quantity	48	8	14	-	14	-	17	-
Secondary Distribution	Total Obligation Authority	9.546	9.698	10.172	-	10.172	7.335	6.435	-

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 70: Training Equipment

P-1 Line Item Number / Title:
 6860NA0176 / Gaming Technology In Support of Army Training

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	NA0176 / Gaming Technology In Support of Army Training	P-5a			- / 120.864	48 / 9.546	8 / 9.698	14 / 10.172	- / -	14 / 10.172
P-40	Total Gross/Weapon System Cost				- / 120.864	48 / 9.546	8 / 9.698	14 / 10.172	- / -	14 / 10.172

*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 2025 Base procurement dollars in the amount of \$10.172 million will provide state of the art COTS hardware and maintain the Virtual Battlespace software. It allows for the Games for Training (GFT) program to enable sustained readiness by efficiently and effectively building soldier, leader, and unit competency on technical skills necessary to perform multiple mission types in accordance with current tactics, techniques, and procedures. Funding will provide program management, testing, cyber security, hardware updates, and system technical support of fielded GFT Systems. Lastly, funding will continue to provide Government Furnished Material to distribute gaming content via Web Portal and to facilitate technical support to the Army training community.

Note: Prior Year Quantities on P-40 should reflect 207 (vice 0). FY2023 Quantities should on P-40 should reflect 8 (vice 48). These quantities on the P-40 will be updated in the next available cycle. Correct quantities are displayed on P-5 Cost Analysis.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), these items are 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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 6860NA0176 / Gaming Technology In Support of Army Training	Item Number / Title [DODIC]: NA0176 / Gaming Technology In Support of Army Training

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				-	48	8	14	-	14
Gross/Weapon System Cost (\$ in Millions)				120.864	9.546	9.698	10.172	-	10.172
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				120.864	9.546	9.698	10.172	-	10.172
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				120.864	9.546	9.698	10.172	-	10.172
<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)				-	198.875	1,212.250	726.571	-	726.571

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
New Gaming Hardware Suites	163.887	53	8.686	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stryker Virtual Collective Trainer	1,551.875	8	12.415	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	21.101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	21.101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware Cost																		
Non Recurring Cost																		
Gaming Systems Refresh ^(†)	148.966	146	21.749	190.000	8	1.520	190.000	8	1.520	229.000	14	3.206	-	-	-	229.000	14	3.206
Gaming Toolkits/ Ancillary Equipment	-	-	0.113	-	-	0.075	-	-	0.075	-	-	0.078	-	-	-	-	-	0.078
RMF Hardware	-	-	1.220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVCT Spares	-	-	0.737	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	23.819	-	-	1.595	-	-	1.595	-	-	3.284	-	-	-	-	-	3.284
<i>Subtotal: Hardware Cost</i>	-	-	23.819	-	-	1.595	-	-	1.595	-	-	3.284	-	-	-	-	-	3.284
Software Cost																		
Recurring Cost																		
VBS3 License	-	-	26.812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70						P-1 Line Item Number / Title: 6860NA0176 / Gaming Technology In Support of Army Training						Item Number / Title [DODIC]: NA0176 / Gaming Technology In Support of Army Training					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
VBS3 Software Concurrency	-	-	15.214	-	-	5.388	-	-	5.609	-	-	4.644	-	-	-	-	-	4.644
<i>Subtotal: Recurring Cost</i>	-	-	42.026	-	-	5.388	-	-	5.609	-	-	4.644	-	-	-	-	-	4.644
Non Recurring Cost																		
Modifications and Upgrades	-	-	2.998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	2.998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Software Cost	-	-	45.024	-	-	5.388	-	-	5.609	-	-	4.644	-	-	-	-	-	4.644
Support - Fielding Cost																		
Fielding	-	-	6.913	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Fielding Cost</i>	-	-	6.913	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Government Furnished Materials Cost																		
Government Furnished Materials	-	-	5.549	-	-	0.632	-	-	0.636	-	-	0.660	-	-	-	-	-	0.660
<i>Subtotal: Support - Government Furnished Materials Cost</i>	-	-	5.549	-	-	0.632	-	-	0.636	-	-	0.660	-	-	-	-	-	0.660
Support - Logistics Cost																		
Integrated Logistics Support	-	-	0.041	-	-	0.088	-	-	0.091	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Logistics Cost</i>	-	-	0.041	-	-	0.088	-	-	0.091	-	-	-	-	-	-	-	-	-
Support - New Equipment Training (NET) Cost																		
Equipment	-	-	2.026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - New Equipment Training (NET) Cost</i>	-	-	2.026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Contractor Management	-	-	12.237	-	-	1.161	-	-	1.065	-	-	0.895	-	-	-	-	-	0.895
<i>Subtotal: Support - Program Management Cost</i>	-	-	12.237	-	-	1.161	-	-	1.065	-	-	0.895	-	-	-	-	-	0.895
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	4.154	-	-	0.682	-	-	0.702	-	-	0.689	-	-	-	-	-	0.689

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70	P-1 Line Item Number / Title: 6860NA0176 / Gaming Technology In Support of Army Training	Item Number / Title [DODIC]: NA0176 / Gaming Technology In Support of Army Training
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	4.154	-	-	0.682	-	-	0.702	-	-	0.689	-	-	-	-	-	0.689
Gross/Weapon System Cost	-	-	120.864	198.875	48	9.546	1,212.250	8	9.698	726.571	14	10.172	-	-	-	726.571	14	10.172

Remarks:

Originally, FY 2021 was the last year of procurement funds and the GFT program was set to divest in FY 2023. The strategy has since changed due to the change in the Synthetic Training Environment (STE) Increment I fielding timeline. Procurement funding was added back into the GFT program from FY 2022 through FY 2027 to reduce gaps in training capability.

Note: Prior Year Quantities on P-40 should reflect 207 (vice 0). FY2023 Quantities should on P-40 should reflect 8 (vice 48). These quantities on the P-40 will be updated in the next available cycle. Correct quantities are displayed on P-5 Cost Analysis.

For Gaming System Refresh - The cost increase for Gaming System Refresh from FY2024 to FY2025 is to ensure that hardware can be leveraged by the Reconfigurable Virtual Collective Trainer (RVCT) - Ground Dismount configuration for induction into that Program of Record (POR) following GFT divestment. The cost increase for Gaming system refresh is to ensure that the hardware can be proficient in filling the capability gaps that legacy trainer divestments (CCTT/RVTT/AVCATT) are creating. As the Reconfigurable Virtual Collective Trainer (RVCT) fills these gaps, the GFT trainers can be consumed as additional in-place equipment to supplement the fielding capability of RVCT systems.

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	25	7	12	-	12
	Total Obligation Authority	4.972	5.613	6.188	-	6.188
ANG	Quantity	20	1	2	-	2
	Total Obligation Authority	4.027	3.433	3.556	-	3.556
AR	Quantity	3	-	-	-	-
	Total Obligation Authority	0.547	0.652	0.428	-	0.428
Total: Secondary Distribution	Quantity	48	8	14	-	14
	Total Obligation Authority	9.546	9.698	10.172	-	10.172

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 70			P-1 Line Item Number / Title: 6860NA0176 / Gaming Technology In Support of Army Training				Item Number / Title [DODIC]: NA0176 / Gaming Technology In Support of Army Training				

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
Gaming Systems Refresh		2023	Atlantic Diving Supply / Virginia Beach, VA	C / FFP	Defense Logistics Agency (Troop Support)	Dec 2022	Mar 2023	8	190.000	Y		
Gaming Systems Refresh		2024	TBD / TBD	TBD	ACC Orlando, FL	Jan 2024	Mar 2024	8	190.000	Y		
Gaming Systems Refresh		2025	TBD / TBD	C / FFP	Defense Logistics Agency (Troop Support)	Jan 2025	Mar 2025	14	229.000	Y		

Remarks:

Gaming System Refresh are Commercial Off-The-Shelf (COTS) equipment procured through the Special Operations & Equipment Tailored Logistic Support Program with Defense Logistics Agency (Troop Support) located in Philadelphia, PA

NOTE: The planned contract type for the FY2024 Quantities will be a Firm Fixed Price (FFP) contract with anticipated award in Jan 2024. The Procurement Contracting Office (PCO) for this action is the Defense Logistics Agency (Troop Support) located in Philadelphia, PA. The P-5a will be updated in the next available cycle.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 80: Test Measure and Dig Equipment (TMD) **P-1 Line Item Number / Title:** 0200MB4000 / Integrated Family Of Test Equipment (IFTE)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604746A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	4,846	1,189	902	1,196	-	1,196	1,644	1,571	1,479	1,426	-	14,253
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,086.894	76.834	36.149	48.329	-	48.329	12.027	12.035	12.019	12.139	-	1,296.426
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,086.894	76.834	36.149	48.329	-	48.329	12.027	12.035	12.019	12.139	-	1,296.426
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,086.894	76.834	36.149	48.329	-	48.329	12.027	12.035	12.019	12.139	-	1,296.426

(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>)	224.287	64.621	40.076	40.409	-	40.409	7.316	7.661	8.126	8.513	-	90.958

Description:

The Department of Defense (DoD) has designated the Integrated Family of Test Equipment (IFTE), comprised of the Maintenance Support Device (MSD) and the Next Generation Automatic Test System (NGATS), as the authorized Army standard for field and sustainment maintenance. MSD provides at-system automatic test and diagnostic support and the NGATS consolidates off-system automatic test and diagnostic equipment requirements. The IFTE systems provide electronic fault isolation, diagnostic and repair capabilities and reduce intermittent weapon system electronic faults at all levels of maintenance and do it more cost effectively than system-specific testers. They provide state-of-the-art test and diagnostic capabilities, reducing costs and logistics footprints while providing the Warfighter fix-forward capability for current and future weapon systems in Multi-Domain Operations (MDO). The systems are designed to support the Cross-Functional Teams (CFT) in the Army Futures Command (AFC) as they mature in accordance with the DoD Automatic Test System (ATS) Strategy.

The MSD fleet consists of rugged and non-rugged/light man-portable general purpose at-platform automatic test systems that perform quick diagnoses and fault isolation for more than 50 Army weapon systems. A critical logistics enabler, essential for performance of at-system maintenance at field level, MSD-V4 is the only cyber-compliant and standard means to test and diagnose at combat platforms and update platform software. It hosts interactive electronic technical manuals and electronic technical manuals (IETM and ETM) and functional software to verify weapon system operational status. It also provides a standard software loader/verifier capability that enables weapon system mission accuracy and cybersecurity. Ground maintainers rely exclusively on the MSD along with the Wireless At-platform Test Set (WATS) to quickly test, diagnose and verify the operational status of diesel engine type systems. As an enabler for Predictive Logistics, MSD is the "Maintainers Weapon." The WATS (when used in conjunction with the MSD, Diagnostic Software-Viper, and vehicle/equipment ETMs/IETMs) provides the 91 Series Military Occupational Specialties with the diagnostic tools to support the Army's 250,000 ground vehicle fleet. WATS consists of wireless and wired vehicle diagnostic adapters with a full spectrum of diagnostic tests as well as real-time fault data collection. The MSDs are being fielded to support approved Army force structure requirements with CFT linkage to Long Range Precision Fires (LRPF); Next Generation Combat Vehicle (NGCV); Future Vertical Lift (FVL); Network Command, Control, Communication and Intelligence (NC3I); Air and Missile Defense (AMD); and Soldier Lethality. They will host the Digital Logbook and Global Combat Support System-Army (GCSS-A) software, provide Army maintainers the capability to connect to the logistics enterprise, and perform maintenance management in an information-enabled environment. They are an essential maintenance tool in the support plans for the Army's ground vehicle and aviation fleets, and are in widespread use in deployed units.

The NGATS is a mobile, rapidly deployable, reconfigurable general-purpose automatic test and diagnostic system which provides field and sustainment level maintenance, fault isolation, diagnostics, testing and repair directly to the Army's current and future major weapons systems in order to maintain the readiness and availability of those combat systems. NGATS is Joint Services Next-Generation Test (NxTest) compliant, and includes interservice testing and diagnostic support capability. It is the single automatic test and diagnostic solution in the Army, incrementally replacing the Direct Support Electrical Systems Test Set (DSESTS), all previous IFTE Base Shop Test Facility versions, and depot system-specific automatic test equipment thus reducing the logistics footprint and associated support costs. It is the platform

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 80: Test Measure and Dig Equipment (TMD)	P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604746A
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Line Item MDAP/MAIS Code: N/A

for transitioning Agile Rapid Global Combat Support System (ARGCS) technologies into the Army's weapon system support structure. The ARGCS Advanced Concept Technology Demonstration (ACTD) was sponsored by the DoD, and all Services are expected to transition demonstrated technologies into their ATS programs. Current NGATS capabilities support Abrams, Bradley, Common Remotely Operated Weapons Station (CROWS), Counter Radio-Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW)/Duke, Husky Mounted Detection System (HMDS), and Mounted Family of Computer Systems (MFCs), with developments ongoing for Blackhawk, M777, LRPF Paladin Extended Range Cannon-Artillery (ERC-A), Armored Multi-Purpose Vehicle (AMPV) in the Next Generation Combat Vehicle (NGCV) CFT.

Army Acquisition Objective (AAO): MSD - 34,074; WATS - 10,786; NGATS - 158

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	1,002	684	928	-	928	1,311	1,254	1,179	1,132
	Total Obligation Authority	57.200	22.142	45.707	-	45.707	9.629	9.638	9.624	9.686
ANG	Quantity	4	3	-	-	-	-	-	-	-
	Total Obligation Authority	18.249	12.098	-	-	-	-	-	-	-
AR	Quantity	183	215	268	-	268	333	317	300	294
	Total Obligation Authority	1.385	1.909	2.622	-	2.622	2.398	2.397	2.395	2.453
Total:	Quantity	1,189	902	1,196	-	1,196	1,644	1,571	1,479	1,426
Secondary Distribution	Total Obligation Authority	76.834	36.149	48.329	-	48.329	12.027	12.035	12.019	12.139

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 80: Test Measure and Dig Equipment (TMD) **P-1 Line Item Number / Title:** 0200MB4000 / Integrated Family Of Test Equipment (IFTE)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604746A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	MB4002 / Maintenance Support Device	P-5a	A		4,824 / 703.980	1,183 / 9.139	897 / 15.513	1,190 / 23.281	- / -	1,190 / 23.281
P-5	MB4004 / Next Generation Automatic Test System (NGATS)	P-5a, P-21	A		22 / 382.914	6 / 67.695	5 / 20.636	6 / 25.048	- / -	6 / 25.048
P-40	Total Gross/Weapon System Cost				4,846 / 1,086.894	1,189 / 76.834	902 / 36.149	1,196 / 48.329	- / -	1,196 / 48.329

*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 2025 Base procurement dollars of \$48.329 million will fund acquisition of 6 Next Generation Automatic Test Systems (NGATS), 765 Maintenance Support Devices (MSD) and 425 Wireless At-Platform Test Sets (WATS) to support Base requirements and test and diagnostic equipment to reduce intermittent weapon system electronic faults. The procurements will satisfy critical test and diagnostic requirements of Army warfighting systems and support a balanced investment strategy for the Army's approved force structure requirements. Acquisition of the NGATS will continue deployment of a multi-purpose, multi-echelon off-platform automatic test and diagnostic capability to support many of the Army's weapons platforms such as Abrams, Bradley, Common Remotely Operated Weapons Station (CROWS), Counter Radio-Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW)/Duke, Husky Mounted Detection System (HMDS), and Mounted Family of Computer Systems (MFoCS), with developments ongoing for Blackhawk, M777, Long Range Precision Fires (LRPF) Paladin Extended Range Cannon-Artillery (ERC-A), Armored Multi-Purpose Vehicle (AMPV) in the Next Generation Combat Vehicle (NGCV) CFT, Avenger and Multiple Launch Rocket System and to achieve the stated Department of Defense (DoD) goal of replacing multiple single function, aging, obsolete and costly automatic test systems with a single tester capable of supporting all weapons systems at field, sustainment and depot maintenance levels. The FY 2025 funding will support sustainment level maintenance modernization. This funding also implements the net-centric logistics capability ensuring maintenance data is leveraged at all support levels through a closed loop data sharing architecture that supports the future logistics concepts as well as improved diagnostics by linking embedded diagnostics and Predictive Logistics. Acquisition of the MSDs will satisfy approved Army force structure requirements. This equipment provides critical test and diagnostics support for weapons and support systems such as the Abrams, Bradley, Stryker, Blackhawk, Chinook, Apache, Patriot, and the Army's diesel-powered tactical wheeled vehicles.

The FY 2023 actuals for base include \$40.320 million emergency supplemental funding to support the procurement of replacement NGATS transferred to Ukraine in support of the international effort to counter Russian aggression.

FY 2023 MB4004 NGATS P40 quantity is incorrect. The P5 provides the correct quantities.

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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80	P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)	Item Number / Title [DODIC]: MB4002 / Maintenance Support Device
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ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	4,824	1,183	897	1,190	-	1,190
Gross/Weapon System Cost (\$ in Millions)	703.980	9.139	15.513	23.281	-	23.281
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	703.980	9.139	15.513	23.281	-	23.281
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	703.980	9.139	15.513	23.281	-	23.281

(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)	145.933	7.725	17.294	19.564	-	19.564

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Maintenance Support Device (MSD) (Rugged) ^(†)	12.540	31,302	392.532	3.988	651	2.596	4.107	459	1.885	4.231	765	3.237	-	-	-	4.231	765	3.237
MSD (Light) ^(†)	3.163	2,401	7.595	3.138	217	0.681	3.150	153	0.482	-	-	-	-	-	-	-	-	-
MSD Type 3	6.854	144	0.987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aviation MSD/Aircraft Notebook	3.437	1,733	5.956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal Combustion Engine (ICE)/Wireless At-Platform Test Set (WATS) Kits ^(†)	11.363	1,827	20.761	3.276	315	1.032	3.392	232	0.787	3.487	425	1.482	-	-	-	3.487	425	1.482
Subtotal: Recurring Cost	-	-	427.831	-	-	4.309	-	-	3.154	-	-	4.719	-	-	-	-	-	4.719
Non Recurring Cost																		
Engineering Changes	-	-	1.158	-	-	-	-	-	-	-	-	0.250	-	-	-	-	-	0.250
Accessories/Support Equipment	-	-	0.080	-	-	-	-	-	0.500	-	-	1.000	-	-	-	-	-	1.000
Intermittent Fault Detection (IFD) Items	-	-	-	-	-	-	-	-	5.520	-	-	11.200	-	-	-	-	-	11.200
Subtotal: Non Recurring Cost	-	-	1.238	-	-	-	-	-	6.020	-	-	12.450	-	-	-	-	-	12.450
Subtotal: Hardware Cost	-	-	429.069	-	-	4.309	-	-	9.174	-	-	17.169	-	-	-	-	-	17.169
Package Fielding Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80						P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)						Item Number / Title [DODIC]: MB4002 / Maintenance Support Device					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Recurring Cost																		
New Equipment Training/Fielding Support	-	-	7.987	-	-	0.565	-	-	0.582	-	-	0.600	-	-	-	-	-	0.600
Shipping Equipment to the Field	-	-	1.146	-	-	0.023	-	-	0.020	-	-	0.030	-	-	-	-	-	0.030
<i>Subtotal: Recurring Cost</i>	-	-	9.133	-	-	0.588	-	-	0.602	-	-	0.630	-	-	-	-	-	0.630
<i>Subtotal: Package Fielding Cost</i>	-	-	9.133	-	-	0.588	-	-	0.602	-	-	0.630	-	-	-	-	-	0.630
Logistics Cost																		
Recurring Cost																		
Technical and Logistics Data/ Services	-	-	2.521	-	-	0.281	-	-	0.425	-	-	0.435	-	-	-	-	-	0.435
Technical Publications	-	-	0.524	-	-	0.072	-	-	0.100	-	-	0.105	-	-	-	-	-	0.105
<i>Subtotal: Recurring Cost</i>	-	-	3.045	-	-	0.353	-	-	0.525	-	-	0.540	-	-	-	-	-	0.540
<i>Subtotal: Logistics Cost</i>	-	-	3.045	-	-	0.353	-	-	0.525	-	-	0.540	-	-	-	-	-	0.540
Support - Initial Spares and Repair Parts Cost																		
Initial Spares and Repair Parts	-	-	1.496	-	-	-	-	-	0.500	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Initial Spares and Repair Parts Cost</i>	-	-	1.496	-	-	-	-	-	0.500	-	-	-	-	-	-	-	-	-
Support - Production Engineering Cost																		
Production Engineering	-	-	23.062	-	-	0.949	-	-	0.933	-	-	1.019	-	-	-	-	-	1.019
<i>Subtotal: Support - Production Engineering Cost</i>	-	-	23.062	-	-	0.949	-	-	0.933	-	-	1.019	-	-	-	-	-	1.019
Support - Program Management Cost																		
Government Management	-	-	9.364	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	9.364	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Quality Assurance Cost																		
Quality Assurance	-	-	1.020	-	-	0.095	-	-	0.100	-	-	0.105	-	-	-	-	-	0.105
<i>Subtotal: Support - Quality Assurance Cost</i>	-	-	1.020	-	-	0.095	-	-	0.100	-	-	0.105	-	-	-	-	-	0.105
Support - System Engineering Cost																		
System Engineering	-	-	220.261	-	-	2.072	-	-	2.144	-	-	2.220	-	-	-	-	-	2.220

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80						P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)						Item Number / Title [DODIC]: MB4002 / Maintenance Support Device					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - System Engineering Cost</i>	-	-	220.261	-	-	2.072	-	-	2.144	-	-	2.220	-	-	-	-	-	2.220
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	4.835	-	-	0.743	-	-	0.755	-	-	0.789	-	-	-	-	-	0.789
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	4.835	-	-	0.743	-	-	0.755	-	-	0.789	-	-	-	-	-	0.789
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	2.695	-	-	0.030	-	-	0.780	-	-	0.809	-	-	-	-	-	0.809
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	2.695	-	-	0.030	-	-	0.780	-	-	0.809	-	-	-	-	-	0.809
Gross/Weapon System Cost	145.933	4,824	703.980	7.725	1,183	9.139	17.294	897	15.513	19.564	1,190	23.281	-	-	-	19.564	1,190	23.281

Remarks:

Funding identified as Electronic Intermittent Fault Detection (EIFD) *OSD funding special interest project. Items will procure test and diagnostic equipment to allow reduction of intermittent electronic component failures. Currently utilizing RDTE funding to perform market research, equipment testing and evaluation to identify specific items to be procured prior to receiving FY24-25 OPA funding.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	1,000	682	922	-	922
	Total Obligation Authority	7.754	13.604	20.659	-	20.659
AR	Quantity	183	215	268	-	268
	Total Obligation Authority	1.385	1.909	2.622	-	2.622
Total: Secondary Distribution	Quantity	1,183	897	1,190	-	1,190
	Total Obligation Authority	9.139	15.513	23.281	-	23.281

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80			P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)				Item Number / Title [DODIC]: MB4002 / Maintenance Support Device				

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
Maintenance Support Device (MSD) (Rugged)		2023	DRS Network & Imaging Systems, LLC / Melbourne, FL	C / FFP	ACC-Redstone	Mar 2023	Sep 2023	651	3.988	Y		
Maintenance Support Device (MSD) (Rugged)		2024	DRS Network & Imaging Systems, LLC / Melbourne, FL	C / FFP	ACC-Redstone	Mar 2024	Sep 2024	459	4.107	Y		
Maintenance Support Device (MSD) (Rugged)		2025	TBS / TBD	C / FFP	ACC-New Jersey	Mar 2025	Sep 2025	765	4.231	Y		Apr 2024
MSD (Light)		2023	DRS Network and Imaging Systems, LLC / Melbourne, FL	C / FFP	ACC-New Jersey	Mar 2023	Sep 2023	217	3.138	Y		
MSD (Light)		2024	DRS Network and Imaging Systems, LLC / Melbourne, FL	C / FFP	ACC-New Jersey	Mar 2024	Sep 2024	153	3.150	Y		
Internal Combustion Engine (ICE)/ Wireless At-Platform Test Set (WATS) Kits		2023	Yulista Aviation, Inc. / Huntsville, AL	C / FFP	ACC-Redstone	Mar 2023	Sep 2024	315	3.276	Y		
Internal Combustion Engine (ICE)/ Wireless At-Platform Test Set (WATS) Kits		2024	Yulista Aviation, Inc. / Huntsville, AL	C / FFP	ACC-Redstone	Mar 2024	Sep 2025	232	3.392	Y		
Internal Combustion Engine (ICE)/ Wireless At-Platform Test Set (WATS) Kits		2025	Yulista Aviation, Inc. / Huntsville, AL	C / FFP	ACC-Redstone	Mar 2025	Sep 2025	425	3.487	Y		

Remarks:
 Unit costs vary from year to year depending upon the configurations purchased to meet projected fielding requirements. Maintenance Support Device (MSD) systems are costed and programmed normally with 31 percent of the MSD fleet equipped with a wireless at-platform test set (WATS) required for testing diesel powered engines and an approximate mix of 75 percent rugged and 25 percent light configurations.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80		P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)
		Item Number / Title [DODIC]: MB4004 / Next Generation Automatic Test System (NGATS)

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				22	6	5	6	-	6
Gross/Weapon System Cost (\$ in Millions)				382.914	67.695	20.636	25.048	-	25.048
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				382.914	67.695	20.636	25.048	-	25.048
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				382.914	67.695	20.636	25.048	-	25.048
<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)				17,405.182	11,282.500	4,127.200	4,174.667	-	4,174.667

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Next Generation Automatic Test System ^(†)	2,722.550	60	163.353	4,204.286	14	58.860	3,300.000	5	16.500	3,206.000	6	19.236	-	-	-	3,206.000	6	19.236
Low-Rate Initial Production (LRIP) Upgrade	-	-	7.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATE Shelters	-	-	2.302	-	-	-	-	-	-	600.000	6	3.600	-	-	-	600.000	6	3.600
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>172.855</i>	<i>-</i>	<i>-</i>	<i>58.860</i>	<i>-</i>	<i>-</i>	<i>16.500</i>	<i>-</i>	<i>-</i>	<i>22.836</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>22.836</i>
Subtotal: Hardware Cost	-	-	172.855	-	-	58.860	-	-	16.500	-	-	22.836	-	-	-	-	-	22.836
Software Cost																		
Recurring Cost																		
Test Program Set Support	-	-	36.058	-	-	2.000	-	-	-	-	-	0.250	-	-	-	-	-	0.250
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>36.058</i>	<i>-</i>	<i>-</i>	<i>2.000</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.250</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.250</i>
Subtotal: Software Cost	-	-	36.058	-	-	2.000	-	-	-	-	-	0.250	-	-	-	-	-	0.250
Logistics Cost																		
Recurring Cost																		
Technical and Logistics Data/ Services	-	-	10.245	-	-	0.790	-	-	0.800	-	-	0.414	-	-	-	-	-	0.414
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>10.245</i>	<i>-</i>	<i>-</i>	<i>0.790</i>	<i>-</i>	<i>-</i>	<i>0.800</i>	<i>-</i>	<i>-</i>	<i>0.414</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0.414</i>
Subtotal: Logistics Cost	-	-	10.245	-	-	0.790	-	-	0.800	-	-	0.414	-	-	-	-	-	0.414

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80		P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)
		Item Number / Title [DODIC]: MB4004 / Next Generation Automatic Test System (NGATS)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Logistics Cost</i>	-	-	10.245	-	-	0.790	-	-	0.800	-	-	0.414	-	-	-	-	-	0.414
Support - Initial Spares and Repair Parts Cost																		
Initial Spares and Repair Parts	-	-	56.575	-	-	3.278	-	-	2.000	-	-	1.048	-	-	-	-	-	1.048
<i>Subtotal: Support - Initial Spares and Repair Parts Cost</i>	-	-	56.575	-	-	3.278	-	-	2.000	-	-	1.048	-	-	-	-	-	1.048
Support - Production Engineering Cost																		
Production Engineering	-	-	43.130	-	-	1.449	-	-	0.528	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Production Engineering Cost</i>	-	-	43.130	-	-	1.449	-	-	0.528	-	-	-	-	-	-	-	-	-
Support - Program Management Cost																		
Government Management	-	-	7.625	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	7.625	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	56.426	-	-	1.318	-	-	0.808	-	-	0.500	-	-	-	-	-	0.500
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	56.426	-	-	1.318	-	-	0.808	-	-	0.500	-	-	-	-	-	0.500
Gross/Weapon System Cost	17,405.182	22	382.914	11,282.500	6	67.695	4,127.200	5	20.636	4,174.667	6	25.048	-	-	-	4,174.667	6	25.048

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	2	2	6	-	6
	Total Obligation Authority	49.446	8.538	25.048	-	25.048
ANG	Quantity	4	3	-	-	-
	Total Obligation Authority	18.249	12.098	-	-	-
Total: Secondary Distribution	Quantity	6	5	6	-	6
	Total Obligation Authority	67.695	20.636	25.048	-	25.048

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80			P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)					Item Number / Title [DODIC]: MB4004 / Next Generation Automatic Test System (NGATS)				
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
Next Generation Automatic Test System ^(†)		2022	Boeing Company / St. Louis	C / FFP	ACC-New Jersey	Dec 2022	Dec 2023	5	2,900.000	Y		Dec 2020
Next Generation Automatic Test System ^(†)		2023	Boeing Company / St. Louis	C / FFP	ACC-New Jersey	Jan 2023	Jan 2024	14	4,204.286	Y		
Next Generation Automatic Test System ^(†)		2024	Boeing Company / St. Louis	SS / FFP	ACC-New Jersey	Jan 2024	Jan 2025	5	3,300.000	Y		
Next Generation Automatic Test System ^(†)		2025	Boeing Company / St. Louis	SS / FFP	ACC-New Jersey	Jan 2025	Jan 2026	6	3,206.000	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80										P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)										Item Number / Title [DODIC]: MB4004 / Next Generation Automatic Test System (NGATS)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025													Fiscal Year 2026													B A L A N C E	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025													Calendar Year 2026													
							O C T	N O V	D E C	J A N	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			
Next Generation Automatic Test System																																	
Prior Years Deliveries: 55																																	
1	2022	ARMY		5	5	0																							0				
1	2023	ARMY		14	6	8																							8				
1	2024	ARMY		5	0	5	-	-	-	1	1	1	1	1															0				
1	2025	ARMY		6	0	6				A	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1		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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80		P-1 Line Item Number / Title: 0200MB4000 / Integrated Family Of Test Equipment (IFTE)
		Item Number / Title [DODIC]: MB4004 / Next Generation Automatic Test System (NGATS)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Boeing Company - St. Louis	6	10	30	8	8	13	21	0	4	12	16

Remarks:

Production rates are annual rates.

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 80: Test Measure and Dig Equipment (TMD) **P-1 Line Item Number / Title:**
0605G02510 / Test Equipment Modernization (TEMOD)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604746A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	777	123	259	742	-	742	1,246	508	7,394	3,380	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	24.130	30.134	32.623	46.128	-	46.128	52.998	53.031	52.886	53.414	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	24.130	30.134	32.623	46.128	-	46.128	52.998	53.031	52.886	53.414	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	24.130	30.134	32.623	46.128	-	46.128	52.998	53.031	52.886	53.414	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>)	31.055	244.992	125.958	62.167	-	62.167	42.535	104.392	7.153	15.803	Continuing	Continuing

Description:

The Test Equipment Modernization (TEMOD) program includes Calibration Sets Equipment (CALSETS), Communications Test Equipment (CTE) and General Purpose Electronic Test Equipment (GPETE). The TEMOD family of products provide equipment and systems which are vital to maintaining readiness of Army combat and combat support systems and support Army Futures Command (AFC) Cross Functional Teams (CFT) (Future Vertical Lift; Long Range Precision Fires; Network Command, Control, Communications and Intelligence (C3I); Soldier Lethality; Air and Missile Defense and Next Generation Combat Vehicle) weapon systems.

The Calibration Sets Equipment (CALSETS) program consists of calibration instrumentation housed in fixed facilities or contained within tactical shelters with accompanying power generation equipment. The CALSETS instrumentation provides support to maintenance units and area support organizations from brigade to multi-theater sustainment operations and ensures a cascading transfer of precision accuracy originating from the US National Institute of Standards and Technology (NIST). The calibration sets are designed to support 90 percent of the Army test, measurement and diagnostic equipment (TMDE) workload with an objective of 98 percent. The instruments and equipment procured through this program are assembled into several set configurations (AN/GSM-286, AN/GSM-287, AN/GSM-439, AN/GSM-440, AN/GSM-442, AN/GSM-26(V)1, AN/GSM-26(V)2 and Secondary Reference) and two tactical calibration shelters (AN/GSM-705 and AN/GSM-421A(V)2). These calibration standards sets are integral to verifying the accuracy of TMDE with mandated traceability to accuracy standards. State-of-the-art calibration equipment is required to ensure that advanced technology weapons and systems are maintained at the required state of operational readiness. Systems supported by the Calibration Sets include, but are not limited to, unmanned aerial vehicles (Shadow/Gray Eagle); military signal and electronic intelligence operations; tactical and strategic communications (Single Channel Ground and Airborne Radio System (SINCGARS)); ground, missile and aviation platforms such as the Army Family of Medium Tactical Vehicles (FMTV), Abrams, Multiple Launch Rocket System, Patriot, Apache, Blackhawk and Chinook; and the CFT weapon systems.

The Communications Test Equipment (CTE) program provides for acquisition of the TS-4549 Radio Test Set (RTS). The RTS will be used to test, troubleshoot and repair Army radios. It supports both ground and air communications systems including legacy SINCGARS radios and today's Software Defined radios. The RTS will also be expandable and upgradable to support future radio systems.

The General Purpose Test Equipment (GPETE) improves the materiel readiness of Army weapon systems; minimizes general-purpose TMDE proliferation and obsolescence; and also reduces the Army's operations and support costs. These objectives are accomplished through cost-effective acquisition of state-of-the-art test equipment employed for verifying accuracy, operability and safety of Army weapon systems and for supporting those systems at all maintenance levels. GPETE supports all Army commodities and is essential to the continued support of weapon system platforms such as the Abrams Tank, Bradley Fighting Vehicle, Apache Helicopter, Patriot, and SINCGARS, as well as other weapon systems scheduled for fielding to current and future forces.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 80: Test Measure and Dig Equipment (TMD) **P-1 Line Item Number / Title:** 0605G02510 / Test Equipment Modernization (TEMOD)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604746A

Line Item MDAP/MAIS Code: N/A

GPETE acquisitions include the OS-305 Oscilloscope, the Optical Time Domain Reflectometer, the CM-523 Spectrum Analyzer, the AN/USM-485 Transmission Test Set replacement, the AN/PRM-36 Radio Test Set replacement, and the AN/USM-459 Frequency Counter replacement projects. The OS-305 Oscilloscope provides Army maintainers with the ability to repair, adjust, and align electronic Ultra High Frequency communication and electronic systems by displaying voltage and time on an x & y axis. The Optical Time Domain Reflectometer will be used to test fiber-optic cables used to connect computer networks. The CM-523 Spectrum Analyzer measures the magnitude of an input signal versus frequency, primarily to measure power of the spectrum of known and unknown signals, for communication and weapon systems. The Transmission Test Set provides both the test signals and measurement capabilities required for testing the transmission characteristics of communications lines. It provides basic analog tests to isolate faults and to qualify circuits for voice, data and broadcast services. The portable Radio Test Set is a lightweight test set used to conduct screening tests and system diagnosis on tactical radio communications systems. It is designed for use in rugged operational environment. The Electronic Counter is used for precisely measuring signal frequency, frequency ratios and time intervals on the same or different signals.

Army Acquisition Objectives (AAO):

CALSETS: AN/GSM-286 - 44; AN/GSM-287 - 66; AN/GSM-439 - 38; AN/GSM-440 - 33; AN/GSM-705 - 27; AN/GSM-421A(V)2 - 27; AN/GSM-26(V)1 - 161; AN/GSM-26(V)2 - 38; AN/GSM-422 - 2; Secondary Reference Standards Set - 11

Communication Test Equipment: TS-4549 Radio Test Set -1996

GPETE: Oscilloscope (OS-305) - 162*; Optical Time Domain Reflectometer - 455; CM-523 Spectrum Analyzer - 1374; Transmission Test Set - 400; Radio Test Set (Portable); 9669Electronic Counter - 1971

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	63	111	438	-	438	385	208	3,366	3,380
	Total Obligation Authority	24.697	15.461	31.113	-	31.113	12.132	23.512	40.371	49.784
ANG	Quantity	39	97	198	-	198	636	207	2,624	-
	Total Obligation Authority	4.500	12.352	11.763	-	11.763	33.190	21.227	9.097	3.630
AR	Quantity	21	51	106	-	106	225	93	1,404	-
	Total Obligation Authority	0.937	4.810	3.252	-	3.252	7.676	8.292	3.418	-
Total: Secondary Distribution	Quantity	123	259	742	-	742	1,246	508	7,394	3,380
	Total Obligation Authority	30.134	32.623	46.128	-	46.128	52.998	53.031	52.886	53.414

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 80: Test Measure and Dig Equipment (TMD) **P-1 Line Item Number / Title:** 0605G02510 / Test Equipment Modernization (TEMOD)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604746A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	G02515 / Calibration Sets Equipment (CALSETS)	P-5a	A		- / 5.482	- / 6.933	- / 7.905	- / 8.868	- / -	- / 8.868
P-5	G02517 / Communications Test Equipment	P-5a	A		3 / 1.930	111 / 22.847	259 / 22.978	312 / 24.086	- / -	312 / 24.086
P-5	G02519 / GENERAL PURPOSE TEST EQUIPMENT (GPETE)	P-5a	A		774 / 16.718	12 / 0.354	- / 1.740	430 / 13.174	- / -	430 / 13.174
P-40	Total Gross/Weapon System Cost				777 / 24.130	123 / 30.134	259 / 32.623	742 / 46.128	- / -	742 / 46.128

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

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

Justification:
 FY 2025 base procurement dollars in the amount of \$46.128 million will fund acquisition of Microwave Measuring Receivers, Torque Indicators, GPSs, Signal Generators, AC Measurement Systems, TS-4549 Radio Test Sets, TS-4558 Optical Time Domain Reflectometer, CM-523 Spectrum Analyzer, AN/PRM-36 Replacement, AN/USM-459 Replacement, and TS-485 Transmission Test Set Replacement to support base requirements. These procurements will support various electronic test, measurement and diagnostic equipment and communications, missile, ground vehicle, and RADAR systems and multiple cross functional teams. TEMOD uses multi-year Indefinite Delivery, Indefinite Quantity, Firm Fixed Price contracts to reduce costs and accommodate changes in acquisition requirements. Capabilities provided by this equipment improve unit readiness levels and lower risks for Army personnel and equipment.

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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80	P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)	Item Number / Title [DODIC]: G02515 / Calibration Sets Equipment (CALSETS)

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)				5.482	6.933	7.905	8.868	-	8.868
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				5.482	6.933	7.905	8.868	-	8.868
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				5.482	6.933	7.905	8.868	-	8.868
<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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Multi-Function Calibrator, Fluke 5730A ^(†)	61.500	8	0.492	61.550	20	1.231	-	-	-	-	-	-	-	-	-	-	-	-
Reference Signal Generator, Fluke 96040A	57.056	18	1.027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Precision Network Analyzer ^(†)	291.000	4	1.164	262.500	6	1.575	270.333	3	0.811	-	-	-	-	-	-	-	-	-
Long Gage Block Set	6.600	115	0.759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Microwave Measuring Receiver, 26Ghz ^(†)	50.000	2	0.100	49.889	18	0.898	49.887	53	2.644	49.875	48	2.394	-	-	-	49.875	48	2.394
Microwave Measuring Receiver, 50Ghz ^(†)	71.000	1	0.071	71.000	1	0.071	70.842	19	1.346	70.857	7	0.496	-	-	-	70.857	7	0.496
Microwave Measuring Receiver, Support Equipment ^(†)	-	-	-	61.167	6	0.367	65.667	3	0.197	-	-	-	-	-	-	-	-	-
Force/Torque Indicator Replacement ^(†)	-	-	-	6.120	25	0.153	-	-	-	6.125	8	0.049	-	-	-	6.125	8	0.049
Fluke 5790B ^(†)	-	-	-	54.000	2	0.108	51.000	4	0.204	-	-	-	-	-	-	-	-	-
Torque Sensors	-	-	-	-	-	-	7.300	10	0.073	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80	P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)	Item Number / Title [DODIC]: G02515 / Calibration Sets Equipment (CALSETS)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Pneumatic Pressure Amplifier	-	-	-	-	-	-	20.000	12	0.240	-	-	-	-	-	-	-	-	-
GPS Replacement ^(†)	-	-	-	-	-	-	20.000	22	0.440	20.000	37	0.740	-	-	-	20.000	37	0.740
Signal Genrator, 2023B (Replacement) ^(†)	-	-	-	-	-	-	25.000	1	0.025	30.000	37	1.110	-	-	-	30.000	37	1.110
Signal Genrator, MG3695B (Replacement) ^(†)	-	-	-	-	-	-	40.000	1	0.040	40.000	12	0.480	-	-	-	40.000	12	0.480
Signal Genrator, MG3694C (Replacement) ^(†)	-	-	-	-	-	-	-	-	-	30.000	28	0.840	-	-	-	30.000	28	0.840
Transcandance Amplifier ^(†)	-	-	-	49.000	1	0.049	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	3.613	-	-	4.452	-	-	6.020	-	-	6.109	-	-	-	-	-	6.109
Non Recurring Cost																		
Support Equipment/ Accessories	-	-	-	-	-	0.215	-	-	0.050	-	-	0.075	-	-	-	-	-	0.075
Subtotal: Non Recurring Cost	-	-	-	-	-	0.215	-	-	0.050	-	-	0.075	-	-	-	-	-	0.075
Subtotal: Hardware Cost	-	-	3.613	-	-	4.667	-	-	6.070	-	-	6.184	-	-	-	-	-	6.184
Package Fielding Cost																		
Recurring Cost																		
New Equipment Training/Fielding Support	-	-	0.208	-	-	0.196	-	-	0.191	-	-	0.296	-	-	-	-	-	0.296
Subtotal: Recurring Cost	-	-	0.208	-	-	0.196	-	-	0.191	-	-	0.296	-	-	-	-	-	0.296
Subtotal: Package Fielding Cost	-	-	0.208	-	-	0.196	-	-	0.191	-	-	0.296	-	-	-	-	-	0.296
Logistics Cost																		
Recurring Cost																		
Technical and Logistics Data/ Services	-	-	0.643	-	-	0.806	-	-	0.768	-	-	1.000	-	-	-	-	-	1.000
Technical Publications	-	-	0.111	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	0.754	-	-	0.906	-	-	0.768	-	-	1.000	-	-	-	-	-	1.000
Subtotal: Logistics Cost	-	-	0.754	-	-	0.906	-	-	0.768	-	-	1.000	-	-	-	-	-	1.000

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80						P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)						Item Number / Title [DODIC]: G02515 / Calibration Sets Equipment (CALSETS)					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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 - Initial Spares and Repair Parts Cost																		
Initial Spares and Repair Parts	-	-	0.032	-	-	0.044	-	-	0.032	-	-	0.150	-	-	-	-	-	0.150
<i>Subtotal: Support - Initial Spares and Repair Parts Cost</i>	-	-	0.032	-	-	0.044	-	-	0.032	-	-	0.150	-	-	-	-	-	0.150
Support - Production Engineering Cost																		
Production Engineering	-	-	0.283	-	-	0.453	-	-	0.242	-	-	0.530	-	-	-	-	-	0.530
<i>Subtotal: Support - Production Engineering Cost</i>	-	-	0.283	-	-	0.453	-	-	0.242	-	-	0.530	-	-	-	-	-	0.530
Support - Quality Assurance Cost																		
Quality Assurance	-	-	0.102	-	-	0.177	-	-	0.112	-	-	0.120	-	-	-	-	-	0.120
<i>Subtotal: Support - Quality Assurance Cost</i>	-	-	0.102	-	-	0.177	-	-	0.112	-	-	0.120	-	-	-	-	-	0.120
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	0.390	-	-	0.390	-	-	0.390	-	-	0.480	-	-	-	-	-	0.480
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	0.390	-	-	0.390	-	-	0.390	-	-	0.480	-	-	-	-	-	0.480
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.108	-	-	-	-	-	0.108
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.108	-	-	-	-	-	0.108
Gross/Weapon System Cost	-	-	5.482	-	-	6.933	-	-	7.905	-	-	8.868	-	-	-	-	-	8.868

Remarks:

Unit costs typically vary because of inflation and quantity of items procured in a year.

The test equipment items planned for procurement in FY25 do not have assigned Line Item Numbers (LIN); and, therefore, are not reflected in the P40 quantities. These items will be housed in previously fielded calibration sets to meet support requirements of Army systems. The LINs for the Calibration Sets Equipment program are assigned for the calibration sets and calibration shelters only, and not for the individual items of test equipment housed in the shelters.

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80	P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)	Item Number / Title [DODIC]: G02515 / Calibration Sets Equipment (CALSETS)

ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:				
Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	4.160	4.682	5.170	-	5.170
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	2.773	3.223	3.698	-	3.698
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	6.933	7.905	8.868	-	8.868

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80			P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)					Item Number / Title [DODIC]: G02515 / Calibration Sets Equipment (CALSETS)				
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
Multi-Function Calibrator, Fluke 5730A		2023	Fluke Corporation / Everett, WA	SS / FFP	ACC-Redstone	Feb 2023	Aug 2023	20	61.550	Y		
Precision Network Analyzer		2023	Keysight / Santa Rosa, CA	C / FFP	DLA	Apr 2023	Aug 2023	6	262.500	Y		Dec 2022
Precision Network Analyzer		2024	TBS (4) / TBD	C / FFP	DLA	Mar 2024	Nov 2024	3	270.333	Y		Dec 2023
Microwave Measuring Receiver, 26Ghz		2023	Keysight / Santa Rosa, CA	C / FFP	ACC-Redstone	May 2023	Oct 2023	18	49.889	N		Jan 2022
Microwave Measuring Receiver, 26Ghz		2024	Keysight / Santa Rosa, CA	C / FFP	ACC-Redstone	Mar 2024	Sep 2024	53	49.887	Y		
Microwave Measuring Receiver, 26Ghz		2025	Keysight / Santa Rosa, CA	C / FFP	ACC-Redstone	Mar 2025	Sep 2025	48	49.875	Y		
Microwave Measuring Receiver, 50Ghz		2023	Keysight / Santa Rosa, CA	C / FFP	ACC-Redstone	May 2023	Oct 2023	1	71.000	Y		Jan 2022
Microwave Measuring Receiver, 50Ghz		2024	Keysight / Santa Rosa, CA	C / FFP	ACC-Redstone	Mar 2024	Sep 2024	19	70.842	Y		
Microwave Measuring Receiver, 50Ghz		2025	Keysight / Santa Rosa, CA	C / FFP	ACC-Redstone	Mar 2025	Sep 2025	7	70.857	Y		
Microwave Measuring Receiver, Support Equipment		2023	Keysight / Santa Rosa, CA	C / FFP	ACC-Redstone	May 2023	Oct 2023	6	61.167	N		Jan 2022
Microwave Measuring Receiver, Support Equipment		2024	TBS (8) / TBD	C / FFP	ACC-Redstone	Mar 2024	Sep 2024	3	65.667	Y		
Force/Torque Indicator Replacement		2023	Interface / Scottsdale, AZ	C / FFP	ACC-Redstone	Apr 2023	Sep 2023	25	6.120	Y		Dec 2022
Force/Torque Indicator Replacement		2025	Interface / Scottsdale, AZ	C / FFP	ACC-Redstone	Mar 2025	Jul 2025	8	6.125	Y		Dec 2023
Fluke 5790B		2023	Fluke Corporation / Everett, WA	C / FFP	ACC-Redstone	Mar 2023	Jul 2023	2	54.000	Y		
GPS Replacement		2024	TBS (2) / TBD	C / FFP	ACC-Redstone	Jun 2024	Jan 2025	22	20.000	N	Oct 2023	Jan 2024
GPS Replacement		2025	TBS (2) / TBD	C / FFP	ACC-Redstone	Mar 2025	Jul 2025	37	20.000	N		Aug 2024
Signal Generator, 2023B (Replacement)		2024	TBS (2) / TBD	C / FFP	ACC-Redstone	Aug 2024	Mar 2025	1	25.000	N	Oct 2023	Mar 2024
Signal Generator, 2023B (Replacement)		2025	TBS (2) / TBD	C / FFP	ACC-Redstone	Mar 2025	Jul 2025	37	30.000	N		
Signal Generator, MG3695B (Replacement)		2024	TBS (2) / TBD	C / FFP	ACC-Redstone	Aug 2024	Mar 2025	1	40.000	N	Oct 2023	Mar 2024
Signal Generator, MG3695B (Replacement)		2025	TBS (2) / TBD	C / FFP	ACC-Redstone	Mar 2025	Jul 2025	12	40.000	N		
Signal Generator, MG3694C (Replacement)		2025	TBS (2) / TBD	C / FFP	ACC-Redstone	Mar 2025	Jul 2025	28	30.000	N		

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80			P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)				Item Number / Title [DODIC]: G02515 / Calibration Sets Equipumt (CALSETS)					
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
Transcandance Amplifier		2023	Clark Hess / Medford, NY	C / FFP	DLA	May 2023	Aug 2023	1	49.000	N		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80		P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)
		Item Number / Title [DODIC]: G02517 / Communications Test Equipment

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		3	111	259	312	-	312
Gross/Weapon System Cost (\$ in Millions)		1.930	22.847	22.978	24.086	-	24.086
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		1.930	22.847	22.978	24.086	-	24.086
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		1.930	22.847	22.978	24.086	-	24.086
<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)		643.333	205.829	88.718	77.199	-	77.199

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
TS-4549 Radio Test Set ^(†)	-	-	-	-	-	-	73.981	259	19.161	73.769	312	23.016	-	-	-	73.769	312	23.016
TS-4558 OTDR ^(†)	-	-	-	28.260	384	10.852	-	-	-	-	-	-	-	-	-	-	-	-
OS-305 Oscilloscope ^(†)	-	-	-	18.241	141	2.572	-	-	-	-	-	-	-	-	-	-	-	-
CM-523 Spectrum Analyzer ^(†)	-	-	-	14.250	8	0.114	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	13.538	-	-	19.161	-	-	23.016	-	-	-	-	-	23.016
Non Recurring Cost																		
Support Equipment	-	-	-	-	-	0.035	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	0.035	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	13.573	-	-	19.161	-	-	23.016	-	-	-	-	-	23.016
Package Fielding Cost																		
Recurring Cost																		
New Equipment Training/Fielding Support	-	-	-	-	-	0.100	-	-	0.100	-	-	0.100	-	-	-	-	-	0.100
Shipping Equipment to the Field	-	-	-	-	-	0.050	-	-	0.050	-	-	0.050	-	-	-	-	-	0.050

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80						P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)						Item Number / Title [DODIC]: G02517 / Communications Test Equipment					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.150	-	-	0.150	-	-	0.150	-	-	-	-	-	0.150
<i>Subtotal: Package Fielding Cost</i>	-	-	-	-	-	0.150	-	-	0.150	-	-	0.150	-	-	-	-	-	0.150
Logistics Cost																		
Recurring Cost																		
Technical and Logistics Data/ Services	-	-	0.388	-	-	1.033	-	-	1.050	-	-	0.110	-	-	-	-	-	0.110
Technical Publications	-	-	-	-	-	0.110	-	-	0.110	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	0.388	-	-	1.143	-	-	1.160	-	-	0.110	-	-	-	-	-	0.110
<i>Subtotal: Logistics Cost</i>	-	-	0.388	-	-	1.143	-	-	1.160	-	-	0.110	-	-	-	-	-	0.110
Support - Production Engineering Cost																		
Production Engineering	-	-	0.040	-	-	6.155	-	-	0.370	-	-	0.170	-	-	-	-	-	0.170
<i>Subtotal: Support - Production Engineering Cost</i>	-	-	0.040	-	-	6.155	-	-	0.370	-	-	0.170	-	-	-	-	-	0.170
Support - Program Management Cost																		
Government Management	-	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-
Support - Quality Assurance Cost																		
Quality Assurance	-	-	0.046	-	-	0.084	-	-	0.100	-	-	0.100	-	-	-	-	-	0.100
<i>Subtotal: Support - Quality Assurance Cost</i>	-	-	0.046	-	-	0.084	-	-	0.100	-	-	0.100	-	-	-	-	-	0.100
Support - System Engineering Cost																		
System Engineering	-	-	0.535	-	-	0.505	-	-	0.687	-	-	0.300	-	-	-	-	-	0.300
<i>Subtotal: Support - System Engineering Cost</i>	-	-	0.535	-	-	0.505	-	-	0.687	-	-	0.300	-	-	-	-	-	0.300
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	0.888	-	-	1.120	-	-	1.200	-	-	0.090	-	-	-	-	-	0.090
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	0.888	-	-	1.120	-	-	1.200	-	-	0.090	-	-	-	-	-	0.090
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	0.033	-	-	0.100	-	-	0.150	-	-	0.150	-	-	-	-	-	0.150

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80	P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)	Item Number / Title [DODIC]: G02517 / Communications Test Equipment
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	0.033	-	-	0.100	-	-	0.150	-	-	0.150	-	-	-	-	-	0.150
Gross/Weapon System Cost	643.333	3	1.930	205.829	111	22.847	88.718	259	22.978	77.199	312	24.086	-	-	-	77.199	312	24.086

Remarks:

Total FY23 quantity change from 111 to 533 is due to delays in contract approval for the TS-4549. Therefore, G8 approved utilizing FY23 CTE funding to fund GPETE items due to the funding cuts GPETE received in FY23. This funding is expected to be paid back in the out years.

This item is a Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) item and does not require the P-21 form

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	57	111	260	-	260
	Total Obligation Authority	20.292	9.915	20.081	-	20.081
ANG	Quantity	35	97	41	-	41
	Total Obligation Authority	1.656	8.556	3.158	-	3.158
AR	Quantity	19	51	11	-	11
	Total Obligation Authority	0.899	4.507	0.847	-	0.847
Total: Secondary Distribution	Quantity	111	259	312	-	312
	Total Obligation Authority	22.847	22.978	24.086	-	24.086

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80			P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)					Item Number / Title [DODIC]: G02517 / Communications Test Equipment				
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
TS-4549 Radio Test Set		2024	TBS / TBD	C / FFP	ACC-Redstone	Jan 2024	Jul 2024	259	73.981	Y		
TS-4549 Radio Test Set		2025	TBS / TBD	C / FFP	ACC-New Jersey	Jan 2025	Jul 2025	312	73.769	Y		
TS-4558 OTDR		2023	KITCO & VIVAL / Virginia Beach, VA	C / FFP	ACC-Redstone	Aug 2023	Dec 2023	384	28.260	Y		Aug 2020
OS-305 Oscilloscope		2023	Keysight Technologies / Santa Rosa, CA	C / FFP	ACC-REDSTONE	Aug 2023	Oct 2023	141	18.241	Y		Jul 2023
CM-523 Spectrum Analyzer		2023	Keysight Technologies / Santa Rosa, CA	C / FFP	ACC-REDSTONE	Feb 2023	Apr 2023	8	14.250	Y		Jan 2023

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80	P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)	Item Number / Title [DODIC]: G02519 / GENERAL PURPOSE TEST EQUIPMENT (GPETE)

ID Code (A=Service Ready, B=Not Service Ready) : A				MDAP/MAIS Code:			
Resource Summary		Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)		774	12	-	430	-	430
Gross/Weapon System Cost (\$ in Millions)		16.718	0.354	1.740	13.174	-	13.174
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		16.718	0.354	1.740	13.174	-	13.174
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		16.718	0.354	1.740	13.174	-	13.174
<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)		21.599	29.500	-	30.637	-	30.637

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
TS-4544 Telecommunication Systems Test Set	41.435	239	9.903	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TS-4548 Radio Frequency Power Meter	5.932	515	3.055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CM-523 Spectrum Analyzer ^(t)	20.650	20	0.413	-	-	-	-	-	13.793	29	0.400	-	-	-	13.793	29	0.400	-
AN/PRM-36 Replacement ^(t)	-	-	-	-	-	-	-	-	1.700	20	0.034	-	-	-	1.700	20	0.034	-
AN/USM-459 Replacement ^(t)	-	-	-	-	-	-	-	-	1.200	20	0.024	-	-	-	1.200	20	0.024	-
TS-485 Transmission Test Set Replacement ^(t)	-	-	-	-	-	-	-	-	14.550	20	0.291	-	-	-	14.550	20	0.291	-
TS-4558 Optical Time Domain Reflectometer ^(t)	-	-	-	-	-	-	-	-	24.512	41	1.005	-	-	-	24.512	41	1.005	-
TS-4549 Radio Test Set	-	-	-	-	-	-	-	-	76.085	94	7.152	-	-	-	76.085	94	7.152	-
<i>Subtotal: Recurring Cost</i>	-	-	13.371	-	-	-	-	-	-	-	8.906	-	-	-	-	-	8.906	-
Non Recurring Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80						P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)						Item Number / Title [DODIC]: G02519 / GENERAL PURPOSE TEST EQUIPMENT (GPETE)					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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 Equipment/ Accessories	33.000	8	0.264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	0.264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware Cost	-	-	13.635	-	-	-	-	-	-	-	-	8.906	-	-	-	-	-	8.906
Package Fielding Cost																		
Recurring Cost																		
Shipping Equipment to the Field	-	-	-	-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	0.150
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	0.150
Subtotal: Package Fielding Cost	-	-	-	-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	0.150
Logistics Cost																		
Recurring Cost																		
Technical and Logistics Data/ Services	-	-	1.377	-	-	-	-	-	0.631	-	-	1.650	-	-	-	-	-	1.650
Technical Publications	-	-	0.110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	1.487	-	-	-	-	-	0.631	-	-	1.650	-	-	-	-	-	1.650
Subtotal: Logistics Cost	-	-	1.487	-	-	-	-	-	0.631	-	-	1.650	-	-	-	-	-	1.650
Support - Initial Spares and Repair Parts Cost																		
Initial Spares and Repair Parts	-	-	-	-	-	-	-	-	0.180	-	-	-	-	-	-	-	-	-
Subtotal: Support - Initial Spares and Repair Parts Cost	-	-	-	-	-	-	-	-	0.180	-	-	-	-	-	-	-	-	-
Support - Production Engineering Cost																		
Production Engineering	-	-	0.830	-	-	0.354	-	-	0.819	-	-	0.205	-	-	-	-	-	0.205
Subtotal: Support - Production Engineering Cost	-	-	0.830	-	-	0.354	-	-	0.819	-	-	0.205	-	-	-	-	-	0.205
Support - Program Management Cost																		
Government Management	-	-	-	-	-	-	-	-	-	-	-	0.390	-	-	-	-	-	0.390
Subtotal: Support - Program Management Cost	-	-	-	-	-	-	-	-	-	-	-	0.390	-	-	-	-	-	0.390
Support - Quality Assurance Cost																		
Quality Assurance	-	-	0.045	-	-	-	-	-	0.110	-	-	0.110	-	-	-	-	-	0.110

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80		P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:
Item Number / Title [DODIC]: G02519 / GENERAL PURPOSE TEST EQUIPMENT (GPETE)		

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - Quality Assurance Cost</i>	-	-	0.045	-	-	-	-	-	0.110	-	-	0.110	-	-	-	-	-	0.110
Support - Support Equipment Cost																		
Test and Measurement Equipment	-	-	-	-	-	-	-	-	-	-	-	1.649	-	-	-	-	-	1.649
<i>Subtotal: Support - Support Equipment Cost</i>	-	-	-	-	-	-	-	-	-	-	-	1.649	-	-	-	-	-	1.649
Support - System Engineering Cost																		
System Engineering	-	-	-	-	-	-	-	-	-	-	-	0.020	-	-	-	-	-	0.020
<i>Subtotal: Support - System Engineering Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.020	-	-	-	-	-	0.020
Support - System Technical Support (STS) Cost																		
System Technical Support (STS)	-	-	0.621	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - System Technical Support (STS) Cost</i>	-	-	0.621	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	0.100	-	-	-	-	-	-	-	-	0.094	-	-	-	-	-	0.094
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	0.100	-	-	-	-	-	-	-	-	0.094	-	-	-	-	-	0.094
Gross/Weapon System Cost	21.599	774	16.718	29.500	12	0.354	-	-	1.740	30.637	430	13.174	-	-	-	30.637	430	13.174

Remarks:
These items are Commercial Off the Shelf (COTS) / Government Off the Shelf (GOTS) items and do not require the P-21 form.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	6	-	178	-	178
	Total Obligation Authority	0.245	0.864	5.862	-	5.862
ANG	Quantity	4	-	157	-	157
	Total Obligation Authority	0.071	0.573	4.907	-	4.907
AR	Quantity	2	-	95	-	95
	Total Obligation Authority	0.038	0.303	2.405	-	2.405
Total:	Quantity	12	-	430	-	430

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80	P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)	Item Number / Title [DODIC]: G02519 / GENERAL PURPOSE TEST EQUIPMENT (GPETE)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Secondary Distribution	Total Obligation Authority	0.354	1.740	13.174	-	13.174

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 80	P-1 Line Item Number / Title: 0605G02510 / Test Equipment Modernization (TEMOD)	Item Number / Title [DODIC]: G02519 / GENERAL PURPOSE TEST EQUIPMENT (GPETE)
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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
CM-523 Spectrum Analyzer		2025	Keysight Technologies / Santa Rosa, CA	C / FFP	ACC-Redstone	Feb 2025	Apr 2025	29	13.793	Y		
AN/PRM-36 Replacement		2025	TBS(2) / TBD	C / FFP	TBD	Feb 2025	Apr 2025	20	1.700	N		
AN/USM-459 Replacement		2025	TBS(2) / TBD	C / FFP	TBD	Feb 2025	Apr 2025	20	1.200	N		
TS-485 Transmission Test Set Replacement		2025	TBS(2) / TBD	C / FFP	TBD	Feb 2025	Apr 2025	20	14.550	N		
TS-4558 Optical Time Domain Reflectometer		2025	Kitco Fiberoptics / Virginia Beach, VA	C / FFP	ACC-Redstone	Feb 2025	May 2025	41	24.512	Y		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	97	77	-	19	-	19	19	19	19	19	-	269
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,334.315	123.806	132.739	138.459	-	138.459	139.060	139.537	135.488	105.385	-	3,248.789
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,334.315	123.806	132.739	138.459	-	138.459	139.060	139.537	135.488	105.385	-	3,248.789
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,334.315	123.806	132.739	138.459	-	138.459	139.060	139.537	135.488	105.385	-	3,248.789

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	24,065.103	1,607.870	-	7,287.316	-	7,287.316	7,318.947	7,344.053	7,130.947	5,546.579	-	12,077.283

Description:

The Physical Security program's goal is to safeguard Army installations, stand-alone facilities, activities, operations, personnel and critical assets from sabotage, espionage, criminal, terrorists and insider threats. The Physical Security program reduces risks and vulnerabilities by providing Commanders with the appropriate levels of protection through the use of technology to ensure Army readiness to generate, project, and sustain Army forces.

The Integrated Commercial Intrusion Detection System (ICIDS) program (MA0781) is a Force Protection System Program of Record (PoR) that consists of commercially available interior and exterior sensors, response, entry control, electronic surveillance and command and control devices. ICIDS protects critical national assets, sensitive compartmented information facilities, conventional munitions storage areas, non-nuclear missiles and rockets in a ready to fire configuration, sensitive munitions and other mission essential assets. ICIDS provides the capability for Commanders to detect, assess and respond to unauthorized entry or attempted intrusion into their facilities. The system provides security to Units, Installations and Facilities while minimizing the number of security guards required. Additionally, the item includes ICIDS at new or modified facilities. ICIDS supports a balanced investment strategy for the Army approved force structure and requirements. Note, ICIDS cost per Installation varies by quantity (20 to 1000) and type (i.e., bunker, bio lab, arms room, chemical weapons storage, SCIF) of security zones.

Commercial Intrusion Detection Systems (CIDS) (MA0782) provides commercially available intrusion detection systems (IDS) at locations which fielding of ICIDS is not practical. CIDS protects conventional arms, ammunition and explosive storage facilities, sensitive compartment information facilities, areas designed as mission essential and vulnerable and other high risk targets as required by Army policy. This program supports unit readiness by reducing Unit and Installation vulnerability and supports the upgrades of the IDS for arms, ammunition and explosives arms vaults and ammunition supply point bunkers for Active, National Guard and US Army Reserve sites, to meet Unified Facilities Criteria (UFC) 4-021-02 compliance. Additionally, the item includes IDSs at new or modified facilities. CIDS protects personnel, facilities and equipment from terrorist or criminal threats.

Other Physical Security Measures Equipment (MA0783) includes the Automated Installation Entry (AIE) system which complies with DoDM 5200.08, VOL 3 direction to field Electronic Physical Access Control Systems (ePACs) to accomplish initial and continuous vetting of visitors and all registered personnel entering Army installations. AIE satisfies Public Law 110-181, Section 1069; Public Law 114-92, Section 1086; DoD; and US Army Automated Access Control Requirements. Note: AIE cost per Installation varies by quantity (1 to 60) and type (i.e., handheld only, self-service pedestal, RFID enabled, Facial Recognition enabled) of inbound/ ingress lanes and number (1 to 3) of Visitor Control Centers. MA0783 also includes other physical security requirements such as CCTV systems and physical security systems and equipment for modernizing access control points.

Note: These are non-standard programs and do not have AAO's.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	64	-	19	-	19	19	19	19	19
	Total Obligation Authority	100.801	132.739	131.140	-	131.140	132.100	134.164	132.956	104.011
ANG	Quantity	12	-	-	-	-	-	-	-	-
	Total Obligation Authority	21.640	-	4.483	-	4.483	4.010	2.377	1.455	1.374
AR	Quantity	1	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.365	-	2.836	-	2.836	2.950	2.996	1.077	-
Total:	Quantity	77	-	19	-	19	19	19	19	19
Secondary Distribution	Total Obligation Authority	123.806	132.739	138.459	-	138.459	139.060	139.537	135.488	105.385

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment

P-1 Line Item Number / Title:
 0050MA0780 / Physical Security Systems (OPA3)

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	MA0781 / Standardized Intrusion Detection Systems		A		9 / 435.296	9 / 28.229	- / 31.438	4 / 28.334	- / -	4 / 28.334
P-5	MA0782 / Commercial Intrusion Detection Systems (IDS)	P-5a			10 / 309.581	13 / 17.473	- / 17.311	- / 22.151	- / -	- / 22.151
P-5	MA0783 / Other Physical Security Measures Equip	P-5a			78 / 1,589.438	55 / 78.104	- / 83.990	15 / 87.974	- / -	15 / 87.974
P-40	Total Gross/Weapon System Cost				97 / 2,334.315	77 / 123.806	- / 132.739	19 / 138.459	- / -	19 / 138.459

*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 2025 Base procurement funding in the amount of \$138.459 million provides funding for ICIDS (MA0781) in the amount of \$28.334 million; CIDS (MA0782) in the amount of \$22.151 million; and Other Physical Security Measures Equipment (MA0783) in the amount of \$87.974 million:

MA0781 - (\$28.334 million)

PEO Intelligence, Electronic Warfare and Sensors (PEO IEW&S) - FY 2025 Base procurement dollars in the amount of \$21.222million provides installation of ICIDS at four (4) sites: Anniston Army Depot (607 zones), Carlisle Barracks (137 zones), Fort Wainwright (189 zones), Toole Army Depot (141 zones). Funding supports a balanced investment strategy for the Army approved force structure and requirements. All ICIDS quantities and funding are for Active Components.

Other Organizations

US Army Material Command - (\$1.002 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities.

Joint Program Executive Office (JPEO) - (\$1.644 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities.

US Army Corps of Engineers (USACE) - (\$1.122 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities.

US Army Central Command (USARCENT) - (\$3.344 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities to support the enduring requirement for Operation Spartan Shield.

MA0782 - (\$22.151 million)

OFC, SEC OF THE ARMY, Resources Services Washington (RSW) (\$12.588 million) - Procurement for CIDS (MA0782) base procurement dollars supports procuring 389 sites and 11 Ammunition Supply Points to modernized integrated physical security equipment for intrusion detection and assessment, access control, electronic surveillance and force protection equipment at existing National Guard Facilities and some Active Army sites. Funding provides security measures for conventional arms, ammunition and explosive storage facilities, sensitive compartment information facilities and other areas containing assets for which policy requires Intrusion Detection Systems. Risks and vulnerabilities are minimized by providing Commanders with the appropriate levels of protection through the use of available technology to safeguard personnel and Army assets. Funding supports a balanced investment strategy for the Army's approved force structure and requirements. All quantities and funding are for Active, USAR and ARNG Components.

US Army Reserve Command (USARC) (\$2.836 million) - Procurement for CIDS (MA0782) base procurement dollars supports modernization of Intrusion Detection System (IDS) panels, motion sensors, seismic sensors, and balance magnetic switches at 50 sites throughout the 88th Readiness Division Region, sites are primarily located in Illinois, Missouri, Kansas, and Iowa. Funding provides security measures for

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment		P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)
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		
<p>conventional arms, ammunition and explosive storage facilities, sensitive compartmented information facilities and other areas containing assets for which policy requires Intrusion Detection Systems. The current system requires a cybersecurity POAM for compliance creating a security vulnerability that cannot be mitigated without modernization efforts. Risks and vulnerabilities are minimized by providing Commanders with the appropriate levels of protection through the use of available technology to safeguard personnel and Army assets.</p> <p>US Army Material Command - (\$2.542 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities.</p> <p>Army National Guard - (\$3.867 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities.</p> <p>US Army Corps of Engineers (USACE) - (\$0.318 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities.</p> <p>MA0783 - (\$87.974 million)</p> <p>PEO Intelligence, Electronic Warfare and Sensors (PEO IEW&S) (\$32.921M) - Base procurement dollars of \$22.546 million supports fielding AIE systems to 14 installations. Systems will include technological enhancements to protect Army force projection platforms and high priority Installations. All quantities and funding are for Active, Reserve and ARNG Components. \$5.086 million procures Facial Recognition and other software related technological enhancements. \$5.293 procures AIE program management support and SETA contract support.</p> <p>Other Organizations</p> <p>US Army Corps of Engineers (USACE) (\$19.857 million) - Access Control Point (ACP) Physical Security Equipment Modernization - procures ACP equipment for 4 Installations: Ft Lee, Ft Stewart, Ft Bliss, Yuma Proving Ground and AIE Site Preparation at multiple remaining Installations.</p> <p>Army Training Doctrine and Command (TRADOC) (\$29.373 million) - Separate and Secure is a TRADOC program created to address and improve security in the Trainee Barracks (e.g., Basic Combat Training, Advanced Individual Training, and One Station Unit Training) at Ft Benning, Ft Jackson, Ft Leonard Wood, Ft Sill, Ft Gordon, Ft Huachuca, Ft Lee, Ft Rucker, JB Langley Eustis and JB San Antonio. Standardized camera systems will further deter Sexual Harassment Response, and Prevention related incidents within the barracks.</p> <p>US Military Academy (USMA) (\$0.456 million) - Funding for procurement of electronic security other than IDS procures CCTV and access control systems associated with life-cycle hardware replacement for 1 facility at USMA Preparatory School. CCTV enhances security to meet Superintendent's priority to ensure the safety of the Corps of Cadets, staff & faculty, families, and visitors and deters/mitigates the active shooter threat, SHARP, and larceny/vandalism. Access control systems reduce vulnerability and prevents unauthorized access to restricted entry facilities and mitigates threat of active shooter incidents in the MEVA.</p> <p>US Army Material Command - (\$2.541 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities.</p> <p>Army National Guard - (\$1.939 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities.</p> <p>US Korea Command - (\$0.883 million) - FY 2025 base funding to support intrusion detection systems for construction at new facilities.</p> <p>Overseas Operations Costs (OOC) funds this requirement in the amount of 3.344 million for FY 2025 Budget Estimate. Overseas Operations Costs (OOC) are those financed with former Overseas Contingency Operations (OCO) funding.</p> <p>"In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities."</p>		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90		P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)
		Item Number / Title [DODIC]: MA0781 / Standardized Intrusion Detection Systems

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	9	9	-	4	-	4
Gross/Weapon System Cost (\$ in Millions)	435.296	28.229	31.438	28.334	-	28.334
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	435.296	28.229	31.438	28.334	-	28.334
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	435.296	28.229	31.438	28.334	-	28.334

(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)	48,366.222	3,136.556	-	7,083.500	-	7,083.500

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Hardware	1,140.545	77	87.822	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management Support (Matrix / OGA)	-	-	13.476	-	-	1.125	-	-	1.159	-	-	1.182	-	-	-	-	-	1.182
SETA Contract Support*	-	-	8.625	-	-	0.764	-	-	0.645	-	-	0.658	-	-	-	-	-	0.658
Prime Contractor PM	-	-	11.632	-	-	0.500	-	-	2.020	-	-	2.060	-	-	-	-	-	2.060
Sierra Army Depot, CA	-	-	0.120	1,000.000	1	1.000	-	-	-	-	-	-	-	-	-	-	-	-
Aberdeen Proving Grounds, MD	-	-	0.700	2,426.000	1	2.426	-	-	-	-	-	-	-	-	-	-	-	-
Fort Leonard Wood, MO	-	-	0.241	2,500.000	1	2.500	-	-	-	-	-	-	-	-	-	-	-	-
MOTCO, CA	-	-	0.115	1,000.000	1	1.000	-	-	-	-	-	-	-	-	-	-	-	-
Scranton Army Ammunition Plant (AAP)	-	-	0.011	1,500.000	1	1.500	-	-	-	-	-	-	-	-	-	-	-	-
Windows Conversions Technical Refresh	-	-	8.964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Supporting Organizations - TBD	-	-	2.337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Army Material Command - Construction Support	-	-	3.760	-	-	2.879	-	-	5.107	-	-	1.002	-	-	-	-	-	1.002

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90						P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)						Item Number / Title [DODIC]: MA0781 / Standardized Intrusion Detection Systems					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Army Central Command (ARCENT) - Construction Support	-	-	4.942	-	-	3.386	-	-	3.307	-	-	3.344	-	-	-	-	-	3.344
Army National Guard - Construction Support	-	-	0.049	-	-	5.532	-	-	2.371	-	-	-	-	-	-	-	-	-
Army Intelligence and Security Command (INSCOM) - Construction Support	-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
US Army Corps of Engineers (USACE)	-	-	5.354	-	-	-	-	-	0.072	-	-	1.122	-	-	-	-	-	1.122
Joint Program Executive Office - Equipment Procurement	-	-	0.070	-	-	0.075	-	-	-	-	-	1.644	-	-	-	-	-	1.644
Blue Grass Army Depot	498.000	1	0.498	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Hood	-	-	0.370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Jackson	2,298.000	1	2.298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aberdeen Proving Ground - Phase 2	-	-	-	-	-	-	7,623.000	1	7.623	-	-	-	-	-	-	-	-	-
Redstone Arsenal	-	-	-	-	-	-	4,150.000	1	4.150	-	-	-	-	-	-	-	-	-
USAG EUR	-	-	-	-	-	-	2,500.000	1	2.500	-	-	-	-	-	-	-	-	-
USAG ROK	-	-	-	-	-	-	2,484.000	1	2.484	-	-	-	-	-	-	-	-	-
Fort Shafter	-	-	0.519	-	-	0.074	-	-	-	-	-	-	-	-	-	-	-	-
Letterkenney	-	-	0.390	1,500.000	1	1.500	-	-	-	-	-	-	-	-	-	-	-	-
Crane Army Ammunition Activity (AAA)	-	-	0.230	2,206.000	1	2.206	-	-	-	-	-	-	-	-	-	-	-	-
Dugway Proving Grounds	-	-	0.230	1,762.000	1	1.762	-	-	-	-	-	-	-	-	-	-	-	-
Iowa Army Ammunition Plant (AAP)	-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carlisle Barracks	-	-	-	-	-	-	-	-	-	3,311.000	1	3.311	-	-	-	3,311.000	1	3.311
Fort Wainwright	-	-	-	-	-	-	-	-	-	4,608.000	1	4.608	-	-	-	4,608.000	1	4.608
Tooele Army Depot	-	-	-	-	-	-	-	-	-	3,416.000	1	3.416	-	-	-	3,416.000	1	3.416
Redstone Arsenal Phase 2	-	-	-	-	-	-	-	-	-	5,987.000	1	5.987	-	-	-	5,987.000	1	5.987

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)	Item Number / Title [DODIC]: MA0781 / Standardized Intrusion Detection Systems
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	153.867	-	-	28.229	-	-	31.438	-	-	28.334	-	-	-	-	-	28.334
<i>Subtotal: Flyaway Cost</i>	-	-	153.867	-	-	28.229	-	-	31.438	-	-	28.334	-	-	-	-	-	28.334
Support - Data Cost																		
Support Data Data	-	-	281.429	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Data Cost</i>	-	-	281.429	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	48,366.222	9	435.296	3,136.556	9	28.229	-	-	31.438	7,083.500	4	28.334	-	-	-	7,083.500	4	28.334

Remarks:

* ICIDS Program Management and SETA support reflect the non-standard program which installs physical intrusion detection systems in Army Installation facilities. This requires higher than normal oversight of prime contractor quality control, site survey, site unique design, training, testing, and first year contractor logistics support.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	9	-	4	-	4
	Total Obligation Authority	22.697	31.438	28.334	-	28.334
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	5.532	-	-	-	-
Total: Secondary Distribution	Quantity	9	-	4	-	4
	Total Obligation Authority	28.229	31.438	28.334	-	28.334

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90		P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)
		Item Number / Title [DODIC]: MA0782 / Commercial Intrusion Detection Systems (IDS)

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				10	13	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)				309.581	17.473	17.311	22.151	-	22.151
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				309.581	17.473	17.311	22.151	-	22.151
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				309.581	17.473	17.311	22.151	-	22.151
<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)				30,958.100	1,344.077	-	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Hardware ^(†)	1,804.139	166	299.487	1,342.333	12	16.108	-	-	6.537	-	-	12.588	-	-	-	-	-	12.588
Army Central Command - Equipment Procurement	-	-	-	-	-	1.365	-	-	1.361	-	-	2.836	-	-	-	-	-	2.836
US Army Material Command	-	-	-	-	-	-	-	-	-	-	-	2.542	-	-	-	-	-	2.542
Army National Guard	-	-	-	-	-	-	-	-	-	-	-	3.867	-	-	-	-	-	3.867
US Army Corps of Engineers (USACE)	-	-	-	-	-	-	-	-	-	-	-	0.318	-	-	-	-	-	0.318
Florida Sites	2,280.000	1	2.280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Michigan Sites	2,435.000	1	2.435	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee Sites	2,720.000	1	2.720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winsconsin	2,165.000	1	2.165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Re-alignment of funding to MA0781	-	-	0.494	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Army Supply Points	-	-	-	-	-	-	-	-	9.413	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>309.581</i>	<i>-</i>	<i>-</i>	<i>17.473</i>	<i>-</i>	<i>-</i>	<i>17.311</i>	<i>-</i>	<i>-</i>	<i>22.151</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>22.151</i>
<i>Subtotal: Flyaway Cost</i>	<i>-</i>	<i>-</i>	<i>309.581</i>	<i>-</i>	<i>-</i>	<i>17.473</i>	<i>-</i>	<i>-</i>	<i>17.311</i>	<i>-</i>	<i>-</i>	<i>22.151</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>22.151</i>
Gross/Weapon System Cost	30,958.100	10	309.581	1,344.077	13	17.473	-	-	17.311	-	-	22.151	-	-	-	-	-	22.151

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)	Item Number / Title [DODIC]: MA0782 / Commercial Intrusion Detection Systems (IDS)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Remarks:
CIDS cost per state (ARNG) and site varies by number (1 to 500) and type (i.e., bunker, arms room, weapons storage, SCIF) of security zones.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	17.311	15.448	-	15.448
ANG	Quantity	12	-	-	-	-
	Total Obligation Authority	16.108	-	3.867	-	3.867
AR	Quantity	1	-	-	-	-
	Total Obligation Authority	1.365	-	2.836	-	2.836
Total: Secondary Distribution	Quantity	13	-	-	-	-
	Total Obligation Authority	17.473	17.311	22.151	-	22.151

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)				Item Number / Title [DODIC]: MA0782 / Commercial Intrusion Detection Systems (IDS)				

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
Hardware		2022	TBD / TBD	C / Various	Various	Mar 2022	Apr 2022	0	0.000	Y		
Hardware		2023	TBD / TBD	C / Various	Various	Oct 2022	Feb 2023	12	1,342.333	N		

Remarks:
 Procurement items are Commercial Off The Shelf (COTS) from various vendors TBD.
 ARNG fields sites by state with in-state vendors performing the work.
 CIDS cost per state (ARNG) and site varies by number (1 to 500) and type (i.e., bunker, arms room, weapons storage, SCIF) of security zones.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90		P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)
		Item Number / Title [DODIC]: MA0783 / Other Physical Security Measures Equip

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)				78	55	-	15	-	15
Gross/Weapon System Cost (<i>\$ in Millions</i>)				1,589.438	78.104	83.990	87.974	-	87.974
Less PY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)				1,589.438	78.104	83.990	87.974	-	87.974
Plus CY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)				1,589.438	78.104	83.990	87.974	-	87.974
<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>)				20,377.410	1,420.073	-	5,864.933	-	5,864.933

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
AIE Hardware	17,517.675	83	1,453.967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AIE Program Management Support*	-	-	18.477	-	-	1.357	-	-	1.489	-	-	1.519	-	-	-	-	-	1.519
AIE SETA Contract Support*	-	-	19.522	-	-	3.855	-	-	3.701	-	-	3.774	-	-	-	-	-	3.774
AIE Site Installations ^(†)	1,204.905	21	25.303	1,249.263	19	23.736	1,621.286	14	22.698	1,610.429	14	22.546	-	-	-	1,610.429	14	22.546
ACPEP	-	-	8.374	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TBD - Technology Refreshes	-	-	8.208	-	-	5.612	-	-	4.987	-	-	5.086	-	-	-	-	-	5.086
AIE Cybersecurity	-	-	5.876	-	-	2.710	-	-	-	-	-	-	-	-	-	-	-	-
Advantor camera upgrade	-	-	6.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
US Army Corps of Engineers (USACE) - ACP Modernization and AIE Site Preparation	3,489.000	10	34.890	1,292.400	20	25.848	1,217.933	15	18.269	1,241.063	16	19.857	-	-	-	1,241.063	16	19.857
Army Training Doctrine and Command (TRADOC)	-	-	-	-	-	-	-	-	31.789	-	-	29.373	-	-	-	-	-	29.373
USAREUR DBIDS Hardware	70.238	21	1.475	31.500	16	0.504	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90						P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)						Item Number / Title [DODIC]: MA0783 / Other Physical Security Measures Equip					
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
US Military Academy (USMA)	-	-	-	-	-	-	-	-	1.057	-	-	0.456	-	-	-	-	-	0.456
MDEP - USMA (ROC 170)	-	-	-	-	-	0.332	-	-	-	-	-	-	-	-	-	-	-	-
US Korea Command	-	-	7.346	-	-	14.150	-	-	-	-	-	0.883	-	-	-	-	-	0.883
Army National Guard	-	-	-	-	-	-	-	-	-	-	-	1.939	-	-	-	-	-	1.939
Army Material Command	-	-	-	-	-	-	-	-	-	-	-	2.541	-	-	-	-	-	2.541
<i>Subtotal: Recurring Cost</i>	-	-	1,589.438	-	-	78.104	-	-	83.990	-	-	87.974	-	-	-	-	-	87.974
<i>Subtotal: Flyaway Cost</i>	-	-	1,589.438	-	-	78.104	-	-	83.990	-	-	87.974	-	-	-	-	-	87.974
Gross/Weapon System Cost	20,377.410	78	1,589.438	1,420.073	55	78.104	-	-	83.990	5,864.933	15	87.974	-	-	-	5,864.933	15	87.974

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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
AIE Site Installations	1,204.905	21	25.303	1,249.263	19	23.736	1,621.286	14	22.698	1,610.429	14	22.546	-	-	-	1,610.429	14	22.546
AIE - Next (Site Installation)	-	-	-	2,500.000	2	5.000	1,621.286	14	22.698	1,610.429	14	22.546	-	-	-	1,610.429	14	22.546
Fort Stewart	3,117.000	1	3.117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iowa AAP, IA	626.000	1	0.626	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camp Williams	528.000	1	0.528	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Pickett, VA	544.000	1	0.544	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camp Beauregard	656.000	1	0.656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camp Robinson	543.000	1	0.543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camp Grayling	751.000	1	0.751	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camp Guernsey	556.000	1	0.556	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camp Atterbury	622.000	1	0.622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camp Navajo	520.000	1	0.520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ford RTC	490.000	1	0.490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Knox	2,201.000	1	2.201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Greely	731.000	1	0.731	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Radford AAP, VA	855.000	1	0.855	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Wainwright	1,063.000	1	1.063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)	Item Number / Title [DODIC]: MA0783 / Other Physical Security Measures Equip
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

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

Cost Element Breakout	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Fort Benning	2,633.000	1	2.633	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Point	1,045.000	1	1.045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scranton AAP	552.000	1	0.552	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Gordon	2,231.000	1	2.231	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Carson	2,993.000	1	2.993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Letterkenny AD, PA	-	-	-	1,160.000	1	1.160	-	-	-	-	-	-	-	-	-	-	-	-
Fort Meade	2,046.000	1	2.046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arlington Hall Station	-	-	-	839.000	1	0.839	-	-	-	-	-	-	-	-	-	-	-	-
Fort Indiantown Gap, PA	-	-	-	805.000	1	0.805	-	-	-	-	-	-	-	-	-	-	-	-
JSMC Lima, OH	-	-	-	611.000	1	0.611	-	-	-	-	-	-	-	-	-	-	-	-
Lake City AAP, UT	-	-	-	809.000	1	0.809	-	-	-	-	-	-	-	-	-	-	-	-
Pueblo CD, CO	-	-	-	959.000	1	0.959	-	-	-	-	-	-	-	-	-	-	-	-
McAlester AAP, OK	-	-	-	1,070.000	1	1.070	-	-	-	-	-	-	-	-	-	-	-	-
Rock Island Arsenal	-	-	-	1,055.000	1	1.055	-	-	-	-	-	-	-	-	-	-	-	-
Blue Grass AD, KY	-	-	-	1,441.000	1	1.441	-	-	-	-	-	-	-	-	-	-	-	-
Fort Detrick	-	-	-	2,097.000	1	2.097	-	-	-	-	-	-	-	-	-	-	-	-
Fort Polk	-	-	-	2,158.000	1	2.158	-	-	-	-	-	-	-	-	-	-	-	-
Fort Leonard Wood	-	-	-	1,682.000	1	1.682	-	-	-	-	-	-	-	-	-	-	-	-
Watervliet	-	-	-	771.000	1	0.771	-	-	-	-	-	-	-	-	-	-	-	-
White Sands Missile Range	-	-	-	896.000	1	0.896	-	-	-	-	-	-	-	-	-	-	-	-
Military Ocean Terminal Sunny Point (MOTSU)	-	-	-	980.000	1	0.980	-	-	-	-	-	-	-	-	-	-	-	-
Adelphi Lab Center	-	-	-	720.000	1	0.720	-	-	-	-	-	-	-	-	-	-	-	-
Camp Dodge	-	-	-	683.000	1	0.683	-	-	-	-	-	-	-	-	-	-	-	-

Remarks:

* AIE cost per site varies by complexity and location type (i.e., number of Access Control Points (ACPs) and vehicle lanes, Facial Recognition enabled). AIE Next requirements will continue to provide the Army's solution to meet DoD and Army access control standards for automating personnel authentication against DoD's authoritative databases. AIE Next contractor will field AIE system configuration baseline to 14 sites, and hardware technology insertions to include facial recognition at multiple sites.

* AIE Program Management and SETA support reflect the non-standard program which installs electronic physical access control systems at Army Installation gates. This requires higher than normal oversight of prime contractor quality control, site survey, site unique design, training, testing, and first year contractor logistics support.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)	Item Number / Title [DODIC]: MA0783 / Other Physical Security Measures Equip

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

* OPMG reprioritization of Installation fielding list results in changes throughout execution due to threat and pre-existing site conditions readiness to field. Pre-existing site conditions are not definitized until after site surveys are complete.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	55	-	15	-	15
	Total Obligation Authority	78.104	83.990	87.358	-	87.358
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	0.616	-	0.616
Total:	Quantity	55	-	15	-	15
Secondary Distribution	Total Obligation Authority	78.104	83.990	87.974	-	87.974

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 0050MA0780 / Physical Security Systems (OPA3)				Item Number / Title [DODIC]: MA0783 / Other Physical Security Measures Equip				

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
AIE Site Installations		2022	Leidos Inc. / Reston, VA	Option / IDIQ	Ft. Belvoir, VA	Oct 2021	Feb 2022	21	1,204.905	Y		
AIE Site Installations		2023	Leidos Inc. / Reston, VA	C / IDIQ	Ft. Belvoir, VA	Oct 2022	Feb 2023	19	1,249.263	Y		
AIE Site Installations		2024	TBD / TBD	C / IDIQ	Ft. Belvoir, VA	Oct 2023	Feb 2024	14	1,621.286	N		
AIE Site Installations		2025	TBD / TBD	C / IDIQ	Ft. Belvoir, VA	Oct 2024	Feb 2025	14	1,610.429	N		

Remarks:

AIE cost per site varies by complexity and location type (i.e., number of Access Control Points (ACPs) and vehicle lanes, Facial Recognition enabled). AIE Next contractor will field AIE system configuration baseline to 14 sites, and hardware technology insertions to include facial recognition at multiple sites.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 0312MB7000 / Base Level Common Equipment
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	637.137	31.417	34.460	29.968	-	29.968	21.833	22.359	23.188	23.217	-	823.579
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	637.137	31.417	34.460	29.968	-	29.968	21.833	22.359	23.188	23.217	-	823.579
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	637.137	31.417	34.460	29.968	-	29.968	21.833	22.359	23.188	23.217	-	823.579

(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>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program procures Base-level commercially available equipment from a list authorized by the Table of Distribution and Allowances (TDA) for Army activities but is not Army centrally managed or purchased. The equipment supports recurring and generic activities typically performed by garrisons, such as material and cargo handling, engineering and public works, port and terminal operations support. Procures new investment items or replacements for existing equipment that is over-aged, obsolete, or beyond economical repair.

US Army Criminal Investigation Command (USACIDC) Funds are required to purchase life cycle replacement and the modernization of instrumentation and equipment of the USACIDC Defense Forensics Science Center (DFSC). Funds are also used for the procurement of lifecycle replacement of USACIDC's servers, video teleconference equipment, and related information technology/audio visual equipment (IT/AV), which is generally purchased in combination for configuration and operability purposes. These items are on a 5 year life cycle. As this equipment reaches end of life, it become unreliable and unable to support upgrades, which will lead to network vulnerability and reduced performance. Equipment life cycle replacement ensures systems are maintained at proper levels.

In support of the USMA Cyber Engineering and Academic Center: Lab Equipment (including Wind Tunnel), Wayfinding Capability, Wireless Local Area Network, and Audio Visual Receivers.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	31.417	34.460	29.968	-	29.968	21.833	22.359	23.188	23.217
Total:									
Secondary Distribution									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	31.417	34.460	29.968	-	29.968	21.833	22.359	23.188	23.217

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90:
Other Support Equipment **P-1 Line Item Number / Title:**
0312MB7000 / Base Level Common Equipment

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	MB7000 / Base Level Common Equipment				- / 637.137	- / 31.417	- / 34.460	- / 29.968	- / -	- / 29.968
P-40	Total Gross/Weapon System Cost				- / 637.137	- / 31.417	- / 34.460	- / 29.968	- / -	- / 29.968

*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 MB7000 Base Level Common Equipment lines funds multiple systems with differing unit costs. The Unit Cost on the P40 will fluctuate year-to-year depending on the underlying mix of systems procured.

FY 2025 Base procurement dollars in the amount of \$21.419 million supports IMCOM Installation requirements for new investment items or replacements for existing equipment that is over-aged, obsolete, or beyond economical repair. Installation Management Commands existing BCE fleet is fifteen to forty years old and exceeds overall programmed life expectancy and Army set Maintenance Expenditure Limits (MEL). This program enables the Army to replace equipment after years of continual heavy use and where major vehicle components are no longer available due to discontinuation by the manufacturer. Continued maintenance is increasingly cost prohibitive and competes with other critical Base Operations Service programs for resources. When new procurement is not possible, garrisons turn to leasing equipment at an extremely high cost, over 45% more expensive over the life of the vehicle, to meet mission requirements.

US Army Criminal Investigation Command (USACIDC) base procurement dollars in the amount of \$1.035 million will be used to:

Continue efforts to modernize the advancement of forensic capabilities of the U.S. Army Criminal Investigation Laboratory (USACIL) in the disciplines of Trace Evidence, DNA and Drug Chemistry. Procurement of emerging technologies and replacement of outdated laboratory instruments will ensure that DACID's USACIL remains a world class forensic provider supporting all Military Criminal Investigative Organizations (MCIOs) of the Department of Defense pursuing the successful resolution of reported criminal activity. BCE procurement funding may also be used for the lifecycle replacement of servers, video teleconference equipment, and related information technology/audio visual equipment (IT/AV), which is generally purchased in combination for configuration and operability purposes. These items are on a 5-year life cycle. As this equipment reaches end of life, it becomes unreliable and unable to support upgrades, which will lead to network vulnerability and reduced performance. Equipment life cycle replacement ensures systems are maintained at proper levels.

USMA Cyber Engineering and Academic Center (CEAC), total \$7.514M: Lab Equipment (including Wind Tunnel) \$4.014M, Wayfinding Capability \$0.100M, Wireless Local Area Network \$0.300M, and Audio-Visual Receivers \$3.100M.

HQDA approved MILCON project and this equipment supports fulfilling the mission of the CEAC.

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 and National Guard 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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 0312MB7000 / Base Level Common Equipment	Item Number / Title [DODIC]: MB7000 / Base Level Common Equipment

ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)				-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)				637.137	31.417	34.460	29.968	-	29.968
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				637.137	31.417	34.460	29.968	-	29.968
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				637.137	31.417	34.460	29.968	-	29.968
<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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Ammunition Cranes	9,750.000	2	19.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rough Terrain Forklifts	430.000	2	0.860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loader Transport	402.000	1	0.402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCE Equipment	153,115.500	4	612.462	28,272.000	1	28.272	34,460.000	1	34.460	21,419.000	1	21.419	-	-	-	21,419.000	1	21.419
Crane Truck Mounted	352.500	2	0.705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CID Equipment	3,208.000	1	3.208	3,145.000	1	3.145	-	-	-	1,035.000	1	1.035	-	-	-	1,035.000	1	1.035
USMA CEAC Equipment	-	-	-	-	-	-	-	-	-	7,514.000	1	7.514	-	-	-	7,514.000	1	7.514
Subtotal: Recurring Cost	-	-	637.137	-	-	31.417	-	-	34.460	-	-	29.968	-	-	-	-	-	29.968
Subtotal: Flyaway Cost	-	-	637.137	-	-	31.417	-	-	34.460	-	-	29.968	-	-	-	-	-	29.968
Gross/Weapon System Cost	-	-	637.137	-	-	31.417	-	-	34.460	-	-	29.968	-	-	-	-	-	29.968

Remarks:
Funding is COTS/GOTS.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	31.417	34.460	29.968	-	29.968

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 0312MB7000 / Base Level Common Equipment	Item Number / Title [DODIC]: MB7000 / Base Level Common Equipment

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	31.417	34.460	29.968	-	29.968

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,405.068	55.367	35.239	42.487	-	42.487	25.692	45.524	42.180	42.558	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,405.068	55.367	35.239	42.487	-	42.487	25.692	45.524	42.180	42.558	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,405.068	55.367	35.239	42.487	-	42.487	25.692	45.524	42.180	42.558	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>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

PdM Engineer, Maintenance & Support Equipment (EMSE) Modification of In-Service Equipment program, funds the Metal Working and Machining Shop Set (MWMSS), which provides the capability to fabricate replacement parts; the Armament Repair Shop Set (ARSS) which provides maintenance and repair for weapons, allowing major combat systems to return to the fight rapidly; The Fire Suppression Refill System (FSRS) provides the capability to refill fire suppression systems in combat vehicles. The Refrigeration Tool Kit (RTK) is comprised of two types that will modernize legacy kits to support equipment that has refrigerant systems; the Forward Repair System (FRS) which is a mobile, forward deployed maintenance repair shop; the Shop Equipment Welding (SEW) and the Next Generation Shop Equipment Welding (NG SEW) provides state of the art welding equipment with capability to perform battlefield welding and cutting operations; the Hydraulic System Test and Repair Unit (HSTRU) is the Army's only mobile hydraulic diagnosis and repair system.

The MWMSS directly supports Soldier Lethality, Next Generation Combat Vehicle (NGCV) and Long Range Precision Fires (LRPF), as well as addresses GAPs 10 and 17 enabling rapid repair at the point-of-need through fabrication using additive (3D printers) and subtractive manufacturing capabilities.

The Firefighter Individual Requirements Set (FIRES) is a set of hardware components necessary for directly supporting MOS 12M Firefighters to perform Mission Essential Wartime Requirements (MEWR) duties and is a critical life support & safety system for Soldiers. FIRES must be modernized to meet National Fire Protection Association (NFPA) standards and is not in compliance today resulting in Army firefighters to be at risk for injury or death. The set contains Knife Rescue, Flashlight LED, Rescue Tool, Backpack Black, Hydration Reservoir, Chest Harness Radio, Helmet Light, Fire Shelter, Face Mask, Protective Mask Canister, Air Cylinder Assembly, Black Case. The Self-Contained Breathing Apparatus (SCBA) is the air mask and air cylinder that firefighters wear to protect their lungs and prevent smoke inhalation during a firefighting mission. The SCBA also contains a Powered Air Purifying Respirator (PAPR) when missions require actively filtered air or durations longer than a bottle can supply.

PdM EMSE manages the Material Handling Equipment (MHE) Modification of In-Service Equipment program which funds system modifications and modernization initiatives across the MHE portfolio, to include the Rough Terrain Container Handler (RTCH); All-Terrain Lifter, Army System (ATLAS); and Light Capability Rough Terrain Forklift (LCRTF). These improvements will decrease rising sustainment costs and bridge the gap until new system procurement in future years. These programs serve as critical enablers in support of the National Defense Strategy and to the operational force by providing the capabilities necessary to (1) clear landing zones of supplies and equipment, load and unload combat vehicles and aircraft as well as moving some artillery assets, ammunition and supplies and (2) perform port opening operations, logistics movement, and unloading and loading of containers that handle break-bulk cargo at seaports, railheads, and airports. The LCRTF is the only rugged forklift in the U.S. Army's inventory which can rapidly enter, pack, and unpack ISO containers, load and unload tactical vehicles and trailers, and lift and move light equipment and cargo. The RTCH represents a key enabler during Joint Logistics Over the Shore Operations (JLOTS) and lifts, moves, and stacks 20- and 40-foot ISO freight containers. In addition, program funds support the procurement and fielding of RTCH Special Tools Kits required to meet Field Level Maintenance requirements per the current Technical Manual for the aging legacy fleet.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment		P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)
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		

PdM EMSE manages the Construction Equipment (CE) Modification of In-Service Equipment program which funds system modifications and modernization initiatives across the CE portfolio, to include the High Mobility Engineer Excavator (HMEE); Engineer Rapid Airfield Construction Capability (ERACC) for Dozers, Graders, Scrapers; Family of Loaders (FOL); Skid Steer Loader (SSL); Tractor Full Tracked; Grader; Scrapers and DEUCE; and Hydraulic Excavators (HYEX). These programs serve as critical enablers in support of the National Defense Strategy and to the operational force by providing the capabilities necessary (1) general construction tasks; (2) to construct, maintain and repair airfields, runways, main supply routes, logistical facilities, roads, helipads, and ports of entry/debarkation; (3) to repair and keep open Line of Communications resulting in increased force mobility, maneuverability, deployability, sustainability; and (4) to enhance force infrastructure protection across a range of military operations. Improvements made to these systems will decrease rising sustainment costs and bridge the gap until new system procurement in future years.

Army Watercraft Systems (AWS) support Dynamic Force Repositioning (DFR) and provides the Combatant and Multi-Domain Task Force Commander with organic waterborne lift capability that can deliver today's Army maneuver platforms and equipment, and supply bulk fuel and water across the full spectrum of operations with increased speed and lower draft; and mitigates anti-access/area denial (A2/AD) threat by providing access to shallow coastal waters, rivers, in narrow inland waterways in support of dispersed force elements in austere environments and where mature ports or road networks are unavailable. The modification of in-service equipment is critical to the success of the Army's Watercraft Transformation Strategy (AWTS) and fulfillment of the AWS Title 10 mission.

In general, all Army Watercraft funding will support the personnel, engineering design, testing, hardware procurement, and application in support of improvements, modifications and changes to resolve problems identified in the field and approved by the product office. Supports initiatives to enhance the seaworthiness, safety, and survivability while increasing the maintainability, lethality, tactical mobility, and operational capability of the Army Mariner to preserve the Combatant Commanders requirement of "freedom of seas" access in all areas of the world particularly the littorals, to support maneuver operations in all Areas of Responsibility. All modification and services efforts address maintaining operational readiness rates, improving vessel safety and operation, and integrate new equipment. Efforts are critical enablers for the success Army's Watercraft Systems Transformation Strategy (AWSTS) and continued fulfillment of the AWS Title 10 mission.

Army Watercraft Systems are categorized under Landing Craft, Towing and Terminal Operations, Ship-to-Shore Enablers and Watercraft Operations Support. Landing Craft consist of Logistic Support Vessels (LSV), Landing Craft Utility 2000 (LCU-2000), Landing Craft Mechanized 8 (LCM-8) MOD 1, and LCM-8 MOD 2 (Watercraft Operations Support) and the Maneuver Support Vessel-Light (MSV(L)). Towing and Terminal Operations consist of Small Tug 900 (ST-900). Ship-to-Shore Enablers consist of Modular Causeway Systems (MCS) [each MCS includes Roll-On/Roll-Off Discharge Facilities (RRDF), Modular Warping Tugs (MWT), Causeway Ferry (CF), Floating Causeway (FC)].

Modification kits provide proven capabilities to reduce logistical, environmental, resource and operational energy burdens in forward deployed Force Provider base camps resulting in a significant impact on Soldier safety by reducing dangerous and risky resupply missions that result in casualties. In addition to saving lives, this is a fiscally and environmentally responsible investment as these capabilities have a quick return on investment in sustained operations. For example: Energy Efficiency modifications to shelters reduce solar loading by 85% and cooling and heating demands in turn reducing the fuel demand by 35% to power environmental control-ROI is within 180 days; the Power distribution Micro-grid component provides auto on/off capabilities for generators based upon load demand, reducing fuel consumed by over 30%-ROI is with 150 days; and the solid waste disposal piece will provide a safe and efficient capability to dispose of waste generated in the base camp.

The Expeditionary Solid Waste Disposal System (ESWDS) will reduce the use of burn pits by providing an environmentally responsible solution for onsite disposal of 1,000 lbs. of solid waste per day. The ESWDS will also reduce Soldier, civilian, and local population exposure to harmful pollutants from open air burn pits; reduce the amount of trash that must be backhauled, reducing Soldiers' exposure and attacks during convoy operations; reduce the waste held onsite also deters potential vermin that could spread disease and disrupt mission and eliminate the security risk from uncontrolled access to trash. The requirement to phase out burn pits is also driven by the FY2020 National Defense Authorization Act (NDAA).

The Containerized Ice Making System (CIMS) provides a self-contained capability to produce potable ice on-site for the Force Provider Expeditionary (FPE) 150 person camp and other small base camps. It is containerized for transport in three TRICON containers with a maximum weight of 10,000 Lbs. The CIMS system will draw water from a potable source, manufacture ice cubes and automatically package them in 10 lb. bags. It can produce 3,000 lbs./day of ice to support 750 Soldiers per day, and store 120 bags of ice at any one time. Local ice production rather than external supply ensures safe product, reduces the number of vehicles needed for resupply convoys, as well as the material handling and waste burdens associated with palletized ice bundles.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment		P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)
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		
<p>The Food Sanitation Center (FSC) will correct safety and operational shortfalls identified by the user and combat developer by retrofitting older FSCs with improvements from the current version. The modification kit includes automatic thermostatic water temperature control and a transfer pump. These modifications will improve operator safety, and overall sanitation effectiveness while reducing water consumption and environmental impact.</p> <p>The Field Feeding Containerized Kitchen (CK) is the kitchen that feeds the Brigade Combat Teams (BCTs), each providing up to three hot meals per day for 800 Soldiers to maintain combat effectiveness in the field. Modifications are needed to address issues negatively effecting Soldier safety and health and to improve system readiness. Soldier injuries have resulted from equipment failures and procedural errors. Interior temperatures can reach over 150F in hot weather. Carbon Monoxide hazards have resulted in multiple CO poisoning incidents. Field applied engineering change kits include improved burner exhaust provisions, heat removal, replacement of failing winches, and other improvements for better durability, sustainability and safety.</p> <p>The AN/PSS-14C is an enabler for Soldier Lethality as it guarantees Soldier maneuverability by enhancing the probability and speed of detection of buried landmines and IEDs allowing for increased speed of dismounted operations making the unit more efficient and lethal. The modifications will include retrofitting fielded systems with previously purchased upgrade kits that include new electronic boards, hand controller hardware, and updated software. These upgrades will require training/fielding of the system to address changes in the system operation from current software/hardware configuration.</p> <p>The M41A1 Protection Assessment Test System (PATS) is a military version of a commercial device - TSI's "Model 8020M PortaCount Respirator Fit Tester" with accessories and carrying case comprise a system designed to check the readiness of protective masks. The M41A1 PATS instrument is one man portable, approximately 200 cubic inches in size, weighs 4 pounds, and is based on a miniature Condensation Nucleus Counter that continuously samples and counts individual particles naturally occurring in the surrounding air. The M41A1 PATS measures the concentration of these particles inside and outside the mask and calculates a Fit Factor (FF). The PATS is designed to verify that a protective mask, while worn by a Soldier, is capable of providing a minimum Army requirement FF of 1667. The PATS verifies: (1) the fit of the mask to the soldiers' face is acceptable, and (2) there are no critical leaks in the mask system. In addition to these features, the PATS can also be used to help screen for unserviceable masks, assist in determining if Preventive Maintenance Checks and Services (PMCS) have been conducted properly on critical components, and assist in training personnel on the proper wearing of the mask. A modernized PATS is needed as the legacy system is no longer manufacturable due to technological obsolescence of critical calibration components. The modernized M41A1 PATS will have modern technologies and updated components, such as circuit boards, rendering them producible, manufacturable and can be maintained into FY2035.</p> <p>The M139 Volcano Mine Dispensing system is the Class VII system for delivering Volcano anti-vehicle mines from ground vehicles and the UH-60M Blackhawk. The in-service modification will continue recapitalization of M139 components and mounting hardware to extend service life.</p> <p>The Mine Clearing Line Charge (MICLEIC) system is used to breach vehicle-wide paths through obstacles, primarily minefields. The primary class VII system elements are the MK155 mod 3 Launcher and M200A1 2.5 Ton Generator Trailer. Initial fielding was in the late 1980s. Serviceability issues for the aging fleet are contributing to readiness problems. Funding for the MICLEIC RECAP effort will support the integration of M200A1 trailers and refurbished and modified unserviceable MK155 Launchers into the full MICLEIC capability.</p> <p>The Modular Fuel System (MFS) Tank Rack Module (TRM) is a 2,500-gallon mobile storage and distribution platform. It is configured in a 20-foot International Organization for Standardization (ISO) frame with integrated bale bar and is Heavy Expanded Mobility Tactical Truck-Load Handling System (HEMTT-LHS), Palletized Load Handling System (PLS) and PLS Trailer transportable. The MFS-TRM has a Stand-Alone Retail Capability (S-ARC) with its integrated continuous use electric pump, filter separator and flow meter. It can be operated while truck or trailer mounted or on the ground. The MFS-TRM can also be coupled with the HEMTT Tanker to form a highly mobile 5,000-gallon distribution platform within Brigade Combat Teams. The MFS provides the ability to rapidly establish a fuel distribution and storage capability at any location regardless of the availability of construction equipment or material handling equipment. The AAO is 4,192 TRMs.</p> <p>The Dry Support Bridge (DSB) is the Multi-Role Bridging Company's mobile tactical bridging platform. The DSB is employed in tactical and assault contingency situations when a longer bridging span is required to maintain forward momentum of joint maneuver forces. The 40 meter DSB can span a 40 meter gap or two 20 meter gaps. The 46 meter bridge can span a 46 meter gap or two 28 meter gaps (with 46 meter retrofit upgrade). Both have a crossing weight capability of Military Load Class (MLC) 96 normal/120 under caution (Wheeled) and MLC 80 (Tracked). The DSB has a road width of 4.3 meters and an emplacement time of 90 minutes or less, with little or no site preparation.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

The Rapidly Emplaced Bridge System (REBS) is a self-deployable/retrievable bridge that provides the SBCT and IBCT with an organic tactical gap crossing capability. The REBS can be employed by two Soldiers in less than ten minutes and is air transportable by C-130. The system is transported across the battlefield by a Heavy Tactical Common Bridge Transporter (CBT) and is comprised of two bridge halves and a pallet that is utilized to launch and retrieve the bridge. REBS is capable of crossing a 13 meter gap with an MLC of 40 normal and 50 caution.

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	39.366	22.383	22.983	-	22.983	20.782	30.923	27.056	28.798
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.118	6.432	4.180	-	4.180	0.526	2.448	2.960	1.474
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.883	6.424	15.324	-	15.324	4.384	12.153	12.164	12.286
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	55.367	35.239	42.487	-	42.487	25.692	45.524	42.180	42.558

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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-40a	M04411 / MAINTENANCE EQUIPMENT IN-SERVICE-MODIFICATION		A		- / 3.336	- / 10.000	- / -	- / -	- / -	- / -
P-3a	M15561 / FIRES MODS (-MOD-)				- / -	- / 2.477	- / 9.124	- / 8.069	- / -	- / 8.069
P-3a	MA4501 / MODIFICATION KITS (-)				- / 1,114.274	- / 37.891	- / 20.282	- / 26.258	- / -	- / 26.258
P-3a	MA4502 / INSTALLATION OF MODIFICATIONS (-)				- / 287.458	- / 4.999	- / 5.833	- / 8.160	- / -	- / 8.160
P-40	Total Gross/Weapon System Cost				- / 1,405.068	- / 55.367	- / 35.239	- / 42.487	- / -	- / 42.487

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	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-40a	M04411 / MAINTENANCE EQUIPMENT IN-SERVICE-MODIFICATION		A		- / -	- / -	- / -	- / -	- / -	- / -
P-3a	M15561 / FIRES MODS (-MOD-)				- / -	- / -	- / -	- / -	- / -	- / 19.670
P-3a	MA4501 / MODIFICATION KITS (-)				- / 20.117	- / 35.663	- / 32.332	- / 32.655	Continuing	Continuing
P-3a	MA4502 / INSTALLATION OF MODIFICATIONS (-)				- / 5.575	- / 9.861	- / 9.848	- / 9.903	Continuing	Continuing
P-40	Total Gross/Weapon System Cost				- / 25.692	- / 45.524	- / 42.180	- / 42.558	Continuing	Continuing

*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 2025 Base procurement dollars in the amount of \$42.487 million supports the following efforts:

M04411:
There is no funding request for this program in FY 2025.

M15561:
FY 2025 Base procurement dollars in the amount of \$8.069 million for Firefighter Individual Requirement Equipment Set (FIRES) will support modernization of 320 Self-Contained Breathing Apparatus (SCBA) within the full FIRES end item. FIRES must be modernized to meet National Fire Protection Association (NFPA) standards and is not in compliance today resulting in Army firefighters to be at risk for injury or death. FIRES directly supports Army Firefighters (MOS 12M) and is a critical life support and safety system for Soldiers. The AAO is 885.

MA4501:
Modification Items #1 Material Handling Equipment (MHE) Technical Insertion (PEO CS & CSS) - FY 2025 Base procurement dollars for PdM EMSE Material Handling Equipment (MHE) of \$12.366 million provides 42 each RTCH Special Tool Kits, 10 each modernized RTCHs, plus complimentary RTCH Special Tool Kits for each modernized RTCH and all associated program support costs to support Base requirements. In addition to the base description above, the Material Handling Equipment (MHE) Modification of In-Service Equipment program funds system modifications and modernization initiatives across the entire MHE portfolio, to include the Rough Terrain Container Handler (RTCH); All-Terrain Lifter, Army System (ATLAS); and Light Capability Rough Terrain Forklift (LCRTF). These improvements (e.g. new control units) will decrease rising sustainment costs and bridge the gap until new system procurement in future years.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment		P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)
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		
<p>Modification Item #2 Construction Equipment (CE) Tech Insertion (PEO CS & CSS) - There is no funding request for this modification item in FY 2025.</p> <p>Modification Item #3 Army Watercraft Systems (PEO CS & CSS) - FY 2025 Base procurement dollars in the amount of \$7.431 million supports pier side and shipyard modifications of all outstanding and emerging Engineering Change Proposals (ECP) and Modification Work Orders (MWO) across the watercraft fleet. Application of ECPs/MWOs will regain fleet configuration control, improve operational readiness, correct safety and regulatory deficiencies, comply with changing federal statutory and regulatory mandates, comply with safety of life at sea (SOLAS) requirements and comply with all necessary environmental requirements. Funding also supports Program Management/Matrix Support, and upgrades/modifications to Army Watercraft Systems which are completed as required to resolve any survivability / force protection - lethal and non-lethal Escalation of Force (EoF) issues, and technical insertions. Program Management/Matrix Support includes Program Management and System Engineering, Logistics oversight required to manage the program and provide contractor oversight. The funds are to procure and install non-LIN equipment.</p> <p>Modification Item #4 M139 Volcano Mine Dispensing System (JPEO A&A) - FY 2025 Base procurement dollars in the amount of \$3.358M provides for modifications of 4 Volcano Mine Dispensing systems to support fielding for identified shortages. Also, if funded starts technical efforts required to address Air Mounting Kit technical data deficiencies prior to starting Air Mounting Kit repairs.</p> <p>Modification Item #5 MICLIC Mine Clearing Line Charge (JPEO A&A) - FY 2025 Base procurement dollars in the amount of \$0.547M provides for modifications and refurbishment of MICLIC systems to support fielding for identified shortages.</p> <p>Modification Item #6 CBRN Soldier Protection M41A1 PATS (PEO Joint Program Office Biological Defense) - FY 2025 Base procurement dollars in the amount of \$0.166 million supports installation costs.</p> <p>Modification Item #7 Force Provider (PEO CS & CSS) - There is no funding request for this modification item in FY 2025.</p> <p>Modification Item #8 Food Sanitation Center (PEO CS & CSS) - There is no funding request for this modification item in FY 2025.</p> <p>Modification Item #9 Field Feeding (PEO CS& CSS) - FY 2025 base procurement dollars in the amount of \$2.390 million provides for safety modifications to field kitchens to address issues and upgrades to fielded assets. Modifications include, but not limited to, improved burner exhaust provisions, heat removal, replacement of failing winches, and other improvements for better durability, sustainability and safety. These funds support base requirements.</p> <p>MA4502: Modification Item #1 Petroleum and Water Systems (PEO CS & CSS) - FY 2025 Base procurement dollars in the amount of \$3.744 million supports the Modular Fuel System - Tank Rack Module M107 40 GPM pump upgrade. There are currently two fielded variants of the TRM (M107 & M10A1). The M107 TRM has a 20 GPM fuel pump as compared to the 40 GPM pump on the M107A1. ECP will install a M107A1 equivalent pump, motor and filter separator into the M107 resulting in a 100% faster pumping time. Filling the Abrams M1 Tank (490 gal fuel cell) will be reduced by 50% (only take 12.25 minutes to fill versus the 24.5 minutes). Soldier safety will increase with reduced exposure of the operator to enemy gunfire and fighting down time for the M1. ECP would also provide a smaller logistics footprint due to the commonality of the fuel pump, motor and filter separator of the two TRM variants.</p> <p>AAO: 800 MFS-TRM M107 require ECP 40 GPM pump upgrade</p> <p>Modification Item #2 Army Watercraft Systems (PEO CS & CSS) - FY 2025 Base procurement dollars in the amount of \$4.416 million supports pier side and shipyard modifications of all outstanding and emerging Engineering Change Proposals (ECP) and Modification Work Orders (MWO) across the watercraft fleet. Application of ECPs/MWOs will regain fleet configuration control, improve operational readiness, correct safety and regulatory deficiencies, comply with changing federal statutory and regulatory mandates, comply with safety of life at sea (SOLAS) requirements and comply with all necessary environmental requirements. Funding also supports Program Management/Matrix Support, and upgrades/modifications to Army Watercraft Systems which are completed as required to resolve any survivability / force protection - lethal and non-lethal Escalation of Force (EoF) issues, and technical insertions. Program Management/Matrix Support includes Program Management and System Engineering, Logistics oversight required to manage the program and provide contractor oversight. The funds are to procure and install non-LIN equipment.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment		P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)
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		

Modification Item #3 AN/PSS-14C (JPEO A&A) - There is no funding request for this modification item in FY 2025.

MA4504:
(PEO CS&CSS): MA4504 TACTICAL BRIDGING MODIFICATIONS (Equipment Upgrade) has no funding request in FY 2025.

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-40a, Budget Item Justification For Aggregated Items: PB 2025 Army															Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90						P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)						Aggregated Items Title: M04411 / MAINTENANCE EQUIPMENT IN-SERVICE-MODIFICATION							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
M04411 / MAINTENANCE EQUIPMENT IN-SERVICE-MODIFICATION	A		-	-	3.336	-	-	10.000	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
Army			-	-	-	-	-	10.000	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	3.336	-	-	10.000	-	-	-	-	-	-	-	-	-	-	-	-

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

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: M15561 / FIRES MODS

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	2.477	9.124	8.069	-	8.069	-	-	-	-	-	19.670
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	2.477	9.124	8.069	-	8.069	-	-	-	-	-	19.670
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	2.477	9.124	8.069	-	8.069	-	-	-	-	-	19.670

(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>)	-	23.590	23.699	25.216	-	25.216	-	-	-	-	-	24.284

Description:

PdM Engineer, Maintenance and Support Equipment (EMSE): FY25 Firefighter Individual Requirement Equipment Set (FIRES) MODIFICATION funds in the amount of \$8.069 will support modernization of 320 Self-Contained Breathing Apparatus (SCBA) within the full FIRES end item. FIRES must be modernized to meet National Fire Protection Association (NFPA) standards and is not in compliance today resulting in Army firefighter's to be at risk for injury or death. FIRES directly supports Army Firefighters (MOS 12M) and is a critical life support and safety system for Soldiers.

The Firefighter Individual Requirements Set (FIRES) is a set of hardware components necessary for MOS 12M Firefighters to perform Mission Essential Wartime Requirements (MEWR) duties and is a critical life support & safety system for Soldiers. FIRES must be modernized to meet National Fire Protection Association (NFPA) standards and is not in compliance today resulting in Army firefighter's to be at risk for injury or death. The set contains Knife Rescue, Flashlight LED, Rescue Tool, Backpack Black, Hydration Reservoir, Chest Harness Radio, Helmet Light, Fire Shelter, M7 Responder Airmask, Protective Mask Canister, Air Cylinder Assembly, Black Case. The Self Contained Breathing Apparatus (SCBA) is the air mask and air cylinder that firefighters wear to protect their lungs and prevent that smoke inhalation during a firefighting mission. The SCBA also contains a Powered Air Purifying Respirator (PAPR) when missions require actively filtered air or durations longer than a bottle can supply.

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.302	0.914	1.017	-	1.017	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.775	2.898	-	-	-	-	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.400	5.312	7.052	-	7.052	-	-	-	-
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	2.477	9.124	8.069	-	8.069	-	-	-	-

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90					P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)					Modification Number / Title: M15561 / FIRES MODS			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: -FIRES-				Modification Type: -MOD-				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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 1: FIRES HARDWARE COMPONENTS</i>													
A Kits													
Recurring													
FIREFIGHTER INDIV REQ EQUIP SET (FIRES)	- / -	105 / 2.100	385 / 7.868	320 / 7.040	- / -	320 / 7.040	- / -	- / -	- / -	- / -	- / -	810 / 17.008	
CCDC-CBC	- / -	- / 0.029	- / 0.061	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.090	
Logistics	- / -	- / 0.034	- / 0.037	- / 0.036	- / -	- / 0.036	- / -	- / -	- / -	- / -	- / -	- / 0.107	
MF&T	- / -	- / -	- / 0.038	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 0.138	
FDT	- / -	- / -	- / 0.209	- / 0.165	- / -	- / 0.165	- / -	- / -	- / -	- / -	- / -	- / 0.374	
Program Support	- / -	- / 0.218	- / 0.911	- / 0.728	- / -	- / 0.728	- / -	- / -	- / -	- / -	- / -	- / 1.857	
Common Cost - Matrix Support	- / -	- / 0.096	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.096	
<i>Subtotal: Recurring</i>	- / -	105 / 2.477	385 / 9.124	320 / 8.069	- / -	320 / 8.069	- / -	- / -	- / -	- / -	- / -	810 / 19.670	
<i>Subtotal: FIRES HARDWARE COMPONENTS</i>	- / -	105 / 2.477	385 / 9.124	320 / 8.069	- / -	320 / 8.069	- / -	- / -	- / -	- / -	- / -	810 / 19.670	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	105 / 2.477	385 / 9.124	320 / 8.069	- / -	320 / 8.069	- / -	- / -	- / -	- / -	- / -	810 / 19.670	
Installation													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total													
Total Cost (Procurement + Support + Installation)	-	2.477	9.124	8.069	-	8.069	-	-	-	-	-	19.670	

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Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)			Modification Number / Title: M15561 / FIRES MODS	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 1 of 1: FIRES HARDWARE COMPONENTS							
Manufacturer Information							
Manufacturer Name: TBS				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 6			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Nov 2022	Nov 2023	Dec 2024				
Delivery Dates	Apr 2023	Apr 2024	Jun 2025				
Installation Information							
Method of Implementation (Organic): SELF-CONTAINED BREATHING APPARTUS					Installation Quantity: 0		

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Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4501 / MODIFICATION KITS

ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:										
Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,114.274	37.891	20.282	26.258	-	26.258	20.117	35.663	32.332	32.655	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,114.274	37.891	20.282	26.258	-	26.258	20.117	35.663	32.332	32.655	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,114.274	37.891	20.282	26.258	-	26.258	20.117	35.663	32.332	32.655	Continuing	Continuing
<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>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This budget line funds Modifications of In-Service Equipment programs. It is used to develop material solutions and also to procure hardware and materials 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; modernization of legacy communications equipment and links; 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.

Modification Items #1 Material Handling Equipment (MHE) Technical Insertion (PEO CS & CSS) - FY 2025 Base procurement dollars for PdM EMSE Material Handling Equipment (MHE) of \$12.366 million provides 42 each RTCH Special Tool Kits, 10 each modernized RTCHs, plus complimentary RTCH Special Tool Kits for each modernized RTCH and all associated program support costs to support Base requirements. In addition to the base description above, the Material Handling Equipment (MHE) Modification of In-Service Equipment program funds system modifications and modernization initiatives across the entire MHE portfolio, to include the Rough Terrain Container Handler (RTCH); All-Terrain Lifter, Army System (ATLAS); and Light Capability Rough Terrain Forklift (LCRTF). These improvements (e.g. new control units) will decrease rising sustainment costs and bridge the gap until new system procurement in future years.

Modification Item #2 Construction Equipment (CE) Tech Insertion (PEO CS & CSS) - There is no funding request for this modification item in FY 2025.

Modification Item #3 Army Watercraft Systems (PEO CS & CSS) - FY 2025 Base procurement dollars in the amount of \$7.431 million supports pier side and shipyard modifications of all outstanding and emerging Engineering Change Proposals (ECP) and Modification Work Orders (MWO) across the watercraft fleet. Application of ECPs/MWOs will regain fleet configuration control, improve operational readiness, correct safety and regulatory deficiencies, comply with changing federal statutory and regulatory mandates, comply with safety of life at sea (SOLAS) requirements and comply with all necessary environmental requirements. Funding also supports Program Management/Matrix Support, and upgrades/modifications to Army Watercraft Systems which are completed as required to resolve any survivability / force protection - lethal and non-lethal Escalation of Force (EoF) issues, and technical insertions. Program Management/Matrix Support includes Program Management and System Engineering, Logistics oversight required to manage the program and provide contractor oversight. The funds are to procure and install non-LIN equipment.

Modification Item #4 M139 Volcano Mine Dispensing System (JPEO A&A) - FY 2025 Base procurement dollars in the amount of \$3.358M provides for modifications of 4 Volcano Mine Dispensing systems to support fielding for identified shortages. Also continues technical efforts required to address Air Mounting Kit technical data deficiencies prior to starting Air Mounting Kit repairs.

Modification Item #5 MICLIC (JPEO A&A) - FY25 Base procurement dollars in the amount of \$0.547M supports the integration of the MICLIC launchers and trailers into the full MICLIC capability.

Modification Item #6 CBRN Soldier Protection M41A1 PATS (PEO Joint Program Office Biological Defense) - FY 2024 Base procurement dollars in the amount of \$0.166 million supports installation costs.

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Exhibit P-3a, Individual Modification: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4501 / MODIFICATION KITS
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item #7 Force Provider (PEO CS & CSS) - There is no funding request for this modification item in FY 2025.

Modification Item #8 Food Sanitation Center (PEO CS & CSS) - There is no funding request for this modification item in FY 2025.

Modification Item #9 Field Feeding (PEO CS & CSS) - FY 2025 Base Procurement dollars in the amount of \$2.390 million provides for modifications to field kitchens to address issues and upgrades to fielded assets. The Containerized Kitchen is the kitchen that feeds the Brigade Combat Teams (BCTs), each providing up to three hot meals per day for 800 Soldiers to maintain combat effectiveness in the field. Modifications are needed to address issues negatively effecting Soldier safety and health and to improve system readiness. Soldier injuries have resulted from equipment failures and procedural errors. Interior temperatures can reach over 140F in hot weather. Carbon Monoxide (CO) hazards have resulted in multiple CO poisoning incidents. Field applied engineering change kits include improved burner exhaust provisions, heat removal, replacement of failing winches, and other improvements for better durability, sustainability and safety.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	24.065	16.089	14.745	-	14.745	15.207	22.051	18.708	18.895
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.343	3.081	3.241	-	3.241	0.526	1.459	1.460	1.474
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	12.483	1.112	8.272	-	8.272	4.384	12.153	12.164	12.286
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	37.891	20.282	26.258	-	26.258	20.117	35.663	32.332	32.655

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90					P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)					Modification Number / Title: MA4501 / MODIFICATION KITS			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: -				Modification Type: -				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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 10: Material Handling Equipment Technical Insertion													
A Kits													
Recurring													
Other (RTCH Special Tools, Program Spt)	106 / 9.375	60 / 4.744	33 / 2.822	42 / 3.679	- / -	42 / 3.679	- / -	- / -	- / -	- / -	- / -	241 / 20.620	
Other (RTCH Program, Modernization)	62 / 40.000	13 / 10.346	2 / 3.018	10 / 8.687	- / -	10 / 8.687	10 / 8.768	36 / 24.306	35 / 24.328	35 / 24.571	Continuing	Continuing	
Subtotal: Recurring	168 / 49.375	73 / 15.090	35 / 5.840	52 / 12.366	- / -	52 / 12.366	10 / 8.768	36 / 24.306	35 / 24.328	35 / 24.571	Continuing	Continuing	
Subtotal: Material Handling Equipment Technical Insertion	168 / 49.375	73 / 15.090	35 / 5.840	52 / 12.366	- / -	52 / 12.366	10 / 8.768	36 / 24.306	35 / 24.328	35 / 24.571	Continuing	Continuing	
Modification Item 2 of 10: Construction Equipment Technical Insertion													
A Kits													
Recurring													
Other	- / 35.703	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 35.703	
Subtotal: Recurring	- / 35.703	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 35.703	
B Kits													
Recurring													
Scraper Armor Kits	4 / 0.953	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.953	
Blade Leveling A Kits	95 / 8.814	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	95 / 8.814	
Other	- / 17.160	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.160	
Subtotal: Recurring	99 / 16.927	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	99 / 16.927	
Subtotal: Construction Equipment Technical Insertion	99 / 52.630	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	99 / 52.630	
Modification Item 3 of 10: Army Watercraft Systems													
A Kits													
Recurring													
AWS Modifications	- / 9.348	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.348	
Safety/Environmental MWO's/PQDR's/ECP's	- / 31.123	- / 4.880	- / 2.904	- / 3.715	- / -	- / 3.715	- / 3.919	- / 3.925	- / 3.932	- / 4.012	- / -	- / 58.410	
C5ISR	- / 31.722	- / 2.210	- / 1.278	- / 1.737	- / -	- / 1.737	- / 1.867	- / 1.866	- / 1.866	- / 1.866	- / -	- / 44.412	
Matrix Support	- / 17.245	- / 1.289	- / 1.044	- / 1.222	- / -	- / 1.222	- / 1.395	- / 1.379	- / 1.379	- / 1.379	- / -	- / 26.332	
Program Management	- / 17.965	- / 10.828	- / 10.618	- / 10.757	- / -	- / 10.757	- / 10.811	- / 10.826	- / 10.827	- / 10.827	- / -	- / 13.459	
Training Equipment	- / 584.402	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 584.402	
Subtotal: Recurring	- / 681.805	- / 9.207	- / 5.844	- / 7.431	- / -	- / 7.431	- / 7.992	- / 7.996	- / 8.004	- / 8.084	- / -	- / 736.363	

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90				P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)						Modification Number / Title: MA4501 / MODIFICATION KITS		
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:					
Models of Systems Affected: -				Modification Type: -				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<i>Subtotal: Army Watercraft Systems</i>	- / 681.805	- / 9.207	- / 5.844	- / 7.431	- / -	- / 7.431	- / 7.992	- / 7.996	- / 8.004	- / 8.084	- / -	- / 736.363
Modification Item 4 of 10: M139 Volcano Mine Dispersing System												
A Kits												
Recurring												
M139 Volcano Mine Dispersing System	74 / 23.106	15 / 11.320	4 / 3.050	4 / 3.358	- / -	4 / 3.358	4 / 3.357	4 / 3.361	- / -	- / -	- / -	105 / 47.552
<i>Subtotal: Recurring</i>	74 / 23.106	15 / 11.320	4 / 3.050	4 / 3.358	- / -	4 / 3.358	4 / 3.357	4 / 3.361	- / -	- / -	- / -	105 / 47.552
<i>Subtotal: M139 Volcano Mine Dispersing System</i>	74 / 23.106	15 / 11.320	4 / 3.050	4 / 3.358	- / -	4 / 3.358	4 / 3.357	4 / 3.361	- / -	- / -	- / -	105 / 47.552
Modification Item 5 of 10: Mine Clearing Line Charge (MICLIC)												
A Kits												
Non-Recurring												
MICLIC (Mine Clearing Charge)	- / 0.500	- / -	63 / 2.900	- / 0.547	- / -	- / 0.547	- / -	- / -	- / -	- / -	- / -	63 / 3.947
<i>Subtotal: Non-Recurring</i>	- / 0.500	- / -	63 / 2.900	- / 0.547	- / -	- / 0.547	- / -	- / -	- / -	- / -	- / -	63 / 3.947
<i>Subtotal: Mine Clearing Line Charge (MICLIC)</i>	- / 0.500	- / -	63 / 2.900	- / 0.547	- / -	- / 0.547	- / -	- / -	- / -	- / -	- / -	63 / 3.947
Modification Item 6 of 10: CBRN Soldier Protection M41A1 PATS												
A Kits												
Recurring												
M41A1 8020M Systems	1,981 / 18.445	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,981 / 18.445
Tech Data	- / 0.467	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.467
Program Management	- / 1.314	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.314
<i>Subtotal: Recurring</i>	1,981 / 20.226	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,981 / 20.226
<i>Subtotal: CBRN Soldier Protection M41A1 PATS</i>	1,981 / 20.226	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,981 / 20.226
Modification Item 7 of 10: Force Provider												
A Kits												
Recurring												
Force Provider	37 / 215.136	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 215.136
<i>Subtotal: Recurring</i>	37 / 215.136	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 215.136
<i>Subtotal: Force Provider</i>	37 / 215.136	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 215.136
Modification Item 8 of 10: Food Sanitation Center												
A Kits												

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army											Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90				P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)						Modification Number / Title: MA4501 / MODIFICATION KITS			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: -				Modification Type: -				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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)	
Recurring													
Other	- / 15.069	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.069	
<i>Subtotal: Recurring</i>	- / 15.069	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.069	
<i>Subtotal: Food Sanitation Center</i>	- / 15.069	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.069	
Modification Item 9 of 10: Field Feeding													
A Kits													
Recurring													
Field Feeding CK Mod Kits	140 / 1.974	189 / 2.274	129 / 2.482	90 / 2.390	- / -	90 / 2.390	- / -	- / -	- / -	- / -	- / -	548 / 9.120	
<i>Subtotal: Recurring</i>	140 / 1.974	189 / 2.274	129 / 2.482	90 / 2.390	- / -	90 / 2.390	- / -	- / -	- / -	- / -	- / -	548 / 9.120	
<i>Subtotal: Field Feeding</i>	140 / 1.974	189 / 2.274	129 / 2.482	90 / 2.390	- / -	90 / 2.390	- / -	- / -	- / -	- / -	- / -	548 / 9.120	
Modification Item 10 of 10: Adjustment													
A Kits													
Recurring													
Adjustment	- / 51.341	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.341	
<i>Subtotal: Recurring</i>	- / 51.341	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.341	
<i>Subtotal: Adjustment</i>	- / 51.341	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.341	
<i>Subtotal: Procurement, All Modification Items</i>	2,499 / 1,111.162	277 / 37.891	231 / 20.116	146 / 26.092	- / -	146 / 26.092	14 / 20.117	40 / 35.663	35 / 32.332	35 / 32.655	Continuing	Continuing	
Installation													
Modification Item 6 of 10: CBRN Soldier Protection M41A1 PATS	1,409 / -	- / -	- / 0.166	- / 0.166	- / -	- / 0.166	- / -	- / -	- / -	- / -	- / -	1,409 / 0.332	
Modification Item 7 of 10: Force Provider	- / 1.880	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Modification Item 8 of 10: Food Sanitation Center	- / 1.232	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
<i>Subtotal: Installation</i>	1,409 / 3.112	- / -	- / 0.166	- / 0.166	- / -	- / 0.166	- / -	- / -	- / -	- / -	Continuing	Continuing	
Total													
Total Cost (Procurement + Support + Installation)	1,114.274	37.891	20.282	26.258	-	26.258	20.117	35.663	32.332	32.655	Continuing	Continuing	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)			Modification Number / Title: MA4501 / MODIFICATION KITS	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 1 of 10: Material Handling Equipment Technical Insertion							
Manufacturer Information							
Manufacturer Name: Multiple				Manufacturer Location: Multiple			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Aug 2023	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030
Delivery Dates	Dec 2023	May 2025	May 2026	May 2027	May 2028	May 2029	May 2030
Installation Information							
Method of Implementation (Organic): Various					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)			Modification Number / Title: MA4501 / MODIFICATION KITS	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 2 of 10: Construction Equipment Technical Insertion							
Manufacturer Information							
Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 2			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Various					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)			Modification Number / Title: MA4501 / MODIFICATION KITS	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 3 of 10: Army Watercraft Systems							
Manufacturer Information							
Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): -					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)			Modification Number / Title: MA4501 / MODIFICATION KITS	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 4 of 10: M139 Volcano Mine Dispersing System							
Manufacturer Information							
Manufacturer Name: Tobyhanna Army Depot				Manufacturer Location: Tobyhanna, PA			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Mar 2023	Feb 2024					
Delivery Dates	Dec 2024		Mar 2025				
Installation Information							
Method of Implementation (Organic): To Be Selected					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)			Modification Number / Title: MA4501 / MODIFICATION KITS	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 5 of 10: Mine Clearing Line Charge (MICLIC)							
Manufacturer Information							
Manufacturer Name: To Be Selected				Manufacturer Location: To Be Selected			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Feb 2024					
Delivery Dates			Dec 2024				
Installation Information							
Method of Implementation (Organic): To Be Selected					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4501 / MODIFICATION KITS
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 6 of 10: CBRN Soldier Protection M41A1 PATS

Manufacturer Information

Manufacturer Name: Manufacturer Name: TSI, Inc.	Manufacturer Location: Shoreview, MN
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 7

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Contract

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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	1,409 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,409 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	0 / 0.166	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.166
FY 2025	- / -	- / -	- / -	0 / 0.166	- / -	0 / 0.166	- / -	- / -	- / -	- / -	- / -	0 / 0.166
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1,409 / 0.000	- / -	0 / 0.166	0 / 0.166	- / -	0 / 0.166	- / -	- / -	- / -	- / -	- / -	1,409 / 0.332

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				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	1,981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,981
Out	1,981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,981

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4501 / MODIFICATION KITS
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 7 of 10: Force Provider

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
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Administrative Leadtime (in Months): 13	Production Leadtime (in Months): 10
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Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: New Contract

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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	0 / 1.880	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 1.880	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				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	694	-	-	2	3	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	692	-	-	-	-	7	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4501 / MODIFICATION KITS
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 8 of 10: Food Sanitation Center

Manufacturer Information

Manufacturer Name: Sotera Defesnse	Manufacturer Location: Easton, MD
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Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 7
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Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: C/FP

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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	0 / 1.232	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 1.232	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing

Installation Schedule

PYS	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				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	2,277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,277
Out	2,277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,277

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)			Modification Number / Title: MA4501 / MODIFICATION KITS	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 9 of 10: Field Feeding							
Manufacturer Information							
Manufacturer Name: OVC				Manufacturer Location: Stearns, KY			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 6			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jan 2023	Mar 2024	Mar 2025				
Delivery Dates	Jun 2023	Sep 2024	Sep 2025				
Installation Information							
Method of Implementation (Organic): C/FP					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)			Modification Number / Title: MA4501 / MODIFICATION KITS	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Modification Item 10 of 10: Adjustment							
Manufacturer Information							
Manufacturer Name: -				Manufacturer Location: -			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): -					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4502 / INSTALLATION OF MODIFICATIONS

ID Code (A=Service Ready, B=Not Service Ready) :						MDAP/MAIS Code:						
Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	287.458	4.999	5.833	8.160	-	8.160	5.575	9.861	9.848	9.903	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	287.458	4.999	5.833	8.160	-	8.160	5.575	9.861	9.848	9.903	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	287.458	4.999	5.833	8.160	-	8.160	5.575	9.861	9.848	9.903	Continuing	Continuing
<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>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This budget line funds Modifications of In-Service Equipment programs. It is used to procure all aspects of installation costs 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; modernization of legacy communications equipment and links; 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.

Modification Item #1 Petroleum and Water Systems (PEO CS & CSS) - FY2025 Base procurement dollars in the amount of \$3.744 million supports the Modular Fuel System - Tank Rack Module M107 40 GPM pump upgrade. There are currently two fielded variants of the TRM (M107 & M10A1). The M107 TRM has a 20 GPM fuel pump as compared to the 40 GPM pump on the M107A1. ECP will install the M107A1 pump (and correlating Filter Separator) into the M107 resulting in a 100% faster pumping time. Filling the Abrams M1 Tank (490 gal fuel cell) will be reduced by 50% (only take 12.25 minutes to fill versus the 24.5 minutes). Soldier safety will increase with reduced exposure of the operator to enemy gunfire and fighting down time for the M1. ECP would also provide a smaller logistics footprint due to the commonality of the fuel pump and filter separator of the two TRM variants.

AAO: 800 MFS-TRM M107 require ECP 40 GPM pump upgrade

Modification Item #2 Army Watercraft Systems (PEO CS & CSS) - FY 2025 Base procurement dollars in the amount of \$4.416 million supports completion of pier side and shipyard modifications of all outstanding and emerging Engineering Change Proposals (ECP) and Modification Work Orders (MWO) across the watercraft fleet. Application of ECPs/MWOs will regain fleet configuration control, improve operational readiness, correct safety and regulatory deficiencies, comply with changing federal statutory and regulatory mandates, comply with safety of life at sea (SOLAS) requirements and comply with all necessary environmental requirements. Funding also supports Program Management/Matrix Support, and upgrades/modifications to Army Watercraft Systems which are completed as required to resolve any survivability / force protection - lethal and non-lethal Escalation of Force (EoF) issues, and technical insertions. Program Management/Matrix Support includes Program Management and System Engineering, Logistics oversight required to manage the program and provide contractor oversight. The funds are to procure and install non-LIN equipment.

Modification Items #3 AN/PSS-14C (JPEO A&A) - There is no funding request for this modification item in FY 2025.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	4.999	5.380	7.221	-	7.221	5.575	8.872	8.348	9.903

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4502 / INSTALLATION OF MODIFICATIONS

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	0.453	0.939	-	0.939	-	0.989	1.500	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	4.999	5.833	8.160	-	8.160	5.575	9.861	9.848	9.903

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90					P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)					Modification Number / Title: MA4502 / INSTALLATION OF MODIFICATIONS			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: -			Modification Type: -				Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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 4: Petroleum/Water Systems PEO-CS-CSS - MFS-TRM - M107 40gpm Pump Kit													
A Kits													
Recurring													
MFS-TRM - M107 40gpm Pump Kit	- / -	- / -	86 / 1.330	193 / 2.677	- / -	193 / 2.677	- / -	216 / 3.114	210 / 3.088	205 / 3.073	- / -	910 / 13.282	
<i>Subtotal: Recurring</i>	- / -	- / -	86 / 1.330	193 / 2.677	- / -	193 / 2.677	- / -	216 / 3.114	210 / 3.088	205 / 3.073	- / -	910 / 13.282	
<i>Subtotal: Petroleum/Water Systems PEO-CS-CSS - MFS-TRM - M107 40gpm Pump Kit</i>	- / -	- / -	86 / 1.330	193 / 2.677	- / -	193 / 2.677	- / -	216 / 3.114	210 / 3.088	205 / 3.073	- / -	910 / 13.282	
Modification Item 2 of 4: Army Watercraft Systems													
<i>Subtotal: Army Watercraft Systems</i>													
- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	
Modification Item 3 of 4: AN/PSS-14 (HSTAMIDS)													
A Kits													
Recurring													
AN/PSS-14C	7,204 / 51.172	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,204 / 51.172	
HMDS	- / 8.740	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.740	
<i>Subtotal: Recurring</i>	7,204 / 59.912	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,204 / 59.912	
Non-Recurring													
AN/PSS-14C	- / 3.433	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.433	
HMDS	- / 0.591	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.591	
<i>Subtotal: Non-Recurring</i>	- / 4.024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.024	
<i>Subtotal: AN/PSS-14 (HSTAMIDS)</i>	7,204 / 63.936	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,204 / 63.936	
Modification Item 4 of 4: Adjustments													
A Kits													
Non-Recurring													
Adjustments	- / 168.130	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 168.130	
<i>Subtotal: Non-Recurring</i>	- / 168.130	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 168.130	
<i>Subtotal: Adjustments</i>	- / 168.130	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 168.130	
<i>Subtotal: Procurement, All Modification Items</i>	7,204 / 232.066	- / -	86 / 1.330	193 / 2.677	- / -	193 / 2.677	- / -	216 / 3.114	210 / 3.088	205 / 3.073	- / -	8,114 / 245.348	
Installation													

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4502 / INSTALLATION OF MODIFICATIONS

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Models of Systems Affected: -	Modification Type: -	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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)
Modification Item 1 of 4: Petroleum/Water Systems PEO-CS-CSS - MFS-TRM - M107 40gpm Pump Kit	- / -	- / -	86 / 0.585	193 / 1.067	- / -	193 / 1.067	- / -	216 / 1.169	210 / 1.177	205 / 1.191	- / -	910 / 5.189
Modification Item 2 of 4: Army Watercraft Systems	- / 37.349	- / 4.999	- / 3.918	- / 4.416	- / -	- / 4.416	- / 5.575	- / 5.578	- / 5.583	- / 5.639	Continuing	Continuing
Modification Item 3 of 4: AN/PSS-14 (HSTAMIDS)	- / 18.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
<i>Subtotal: Installation</i>	- / 55.392	- / 4.999	86 / 4.503	193 / 5.483	- / -	193 / 5.483	- / 5.575	216 / 6.747	210 / 6.760	205 / 6.830	Continuing	Continuing
Total												
Total Cost (Procurement + Support + Installation)	287.458	4.999	5.833	8.160	-	8.160	5.575	9.861	9.848	9.903	Continuing	Continuing

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4502 / INSTALLATION OF MODIFICATIONS

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 1 of 4: Petroleum/Water Systems PEO-CS-CSS - MFS-TRM - M107 40gpm Pump Kit

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Nov 2022	Nov 2023	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028
Delivery Dates	Apr 2023	Apr 2024	Apr 2025	Apr 2026	Apr 2027	Apr 2028	Apr 2029

Installation Information

Method of Implementation: Field install at unit

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	86 / 0.585	96 / 0.531	- / -	96 / 0.531	- / -	- / -	- / -	- / -	- / -	182 / 1.116
FY 2026	- / -	- / -	- / -	97 / 0.536	- / -	97 / 0.536	- / -	- / -	- / -	- / -	- / -	97 / 0.536
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / 1.169	- / -	- / -	- / -	216 / 1.169
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	210 / 1.177	- / -	- / -	210 / 1.177
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	205 / 1.191	- / -	205 / 1.191
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	86 / 0.585	193 / 1.067	- / -	193 / 1.067	- / -	216 / 1.169	210 / 1.177	205 / 1.191	- / -	910 / 5.189

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				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	-	14	14	14	14	21	21	22	22	48	48	48	49	-	-	-	-	54	54	54	54	52	52	53	53	51	51	51	52	-	966
Out	-	-	-	14	14	14	14	21	21	22	22	48	48	48	49	-	-	-	-	54	54	54	54	52	52	53	53	51	51	103	966

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4502 / INSTALLATION OF MODIFICATIONS

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 2 of 4: Army Watercraft Systems

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: -

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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	0 / 37.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2023	- / -	0 / 4.999	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2024	- / -	- / -	0 / 3.918	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2025	- / -	- / -	- / -	0 / 4.416	- / -	0 / 4.416	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	0 / 5.575	- / -	- / -	- / -	Continuing	Continuing
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 5.578	- / -	- / -	Continuing	Continuing
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 5.583	- / -	- / -	0 / 5.583
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 5.639	- / -	0 / 5.639
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 37.349	0 / 4.999	0 / 3.918	0 / 4.416	- / -	0 / 4.416	0 / 5.575	0 / 5.578	0 / 5.583	0 / 5.639	Continuing	Continuing

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				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	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)	Modification Number / Title: MA4502 / INSTALLATION OF MODIFICATIONS

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 3 of 4: AN/PSS-14 (HSTAMIDS)

Manufacturer Information

Manufacturer Name: L3 CyTerra	Manufacturer Location: Orlando, Fl
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: -

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	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	0 / 18.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 18.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				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	7,204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,204
Out	7,204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,204

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1110MA4500 / Modification Of In-Svc Equipment (OPA-3)			Modification Number / Title: MA4502 / INSTALLATION OF MODIFICATIONS	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 4 of 4: Adjustments							
Manufacturer Information							
Manufacturer Name: -					Manufacturer Location: -		
Administrative Leadtime (<i>in Months</i>):					Production Leadtime (<i>in Months</i>):		
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): -					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 1500MA9160 / BUILDING, PRE-FAB, RELOCATABLE
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,117.093	25.151	31.011	26.980	-	26.980	16.761	17.066	17.387	17.712	-	1,269.161
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,117.093	25.151	31.011	26.980	-	26.980	16.761	17.066	17.387	17.712	-	1,269.161
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,117.093	25.151	31.011	26.980	-	26.980	16.761	17.066	17.387	17.712	-	1,269.161

(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>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Building, Pre-Fab, Relocatable Program (MA9160) funding line supports the relocatable building Restoration and Modernization (RM) activity providing the capability to emplace and lifecycle relocatable buildings in the U.S. Central Command region in Southwest Asia. Restoration and Modernization (RM) provides resources which support Facilities Restoration, Modernization, Demolition, and Utilities Restoration & Modernization.

MA9160 / Relocatable Building Program, Base Enduring Operations OCONUS:

This line emplaces and modernizes relocatable buildings at enduring and contingency locations across Southwest Asia supporting the enduring requirement for Operation Spartan Shield (OSS).

U.S. AFRICA COMMAND (AFRICOM): To build and strengthen partnerships in West Africa, AFRICOM will create the Combined Joint Interagency Coordination Group - West Africa (CJIACG-WA). To work this, a large team of military, civilians and contractors will be assigned to this cell. Due to the lack of space on the Kelley Barracks Installation (Home of AFRICOM), AFRICOM will build 2 relocatable Sensitive Compartmented Information Facilities (SCIF).

U.S. CENTRAL COMMAND (USARCENT) support of the enduring requirement for Operation Spartan Shield (OSS) will procure up to 95 relocatable buildings to replace and lifecycle needed facilities for modernization to support Southwest Asia (SWA) Area of Responsibility (AOR) at Army locations. These procurements include offices, armories, dining facilities, billeting and latrines in enduring locations within countries such as Jordan, Kuwait, Qatar, and U.A.E.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	25.151	31.011	26.980	-	26.980	16.761	17.066	17.387
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	25.151	31.011	26.980	-	26.980	16.761	17.066	17.387

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90:
Other Support Equipment **P-1 Line Item Number / Title:**
1500MA9160 / BUILDING, PRE-FAB, RELOCATABLE

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	MA9160 / BUILDING, PRE-FAB, RELOCATABLE	P-5a, P-21			- / 1,117.093	- / 25.151	- / 31.011	- / 26.980	- / -	- / 26.980
P-40	Total Gross/Weapon System Cost				- / 1,117.093	- / 25.151	- / 31.011	- / 26.980	- / -	- / 26.980

*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:
 U.S. AFRICA COMMAND (AFRICOM) FY 2025 base procurement dollars of \$14.622 million in support of 2 relocatable Sensitive Compartmented Information Facilities (SCIF) which will provide the necessary space needed for the Combined Joint Interagency Coordination Group - West Africa (CJIACG-WA) team to work the current problem set.

 USARCENT FY 2025 base procurement dollars of \$12.358 million in support of the enduring requirement for Operation Spartan Shield (OSS) will procure up to 95 relocatable buildings to replace and lifecycle needed facilities for modernization to support Southwest Asia (SWA) Area of Responsibility (AOR) at Army locations. These procurements include offices, armories, dining facilities, billeting and latrines in enduring locations within countries such as Jordan, Kuwait, Qatar, and U.A.E.

 The cost per item is averaged because each of the relocatable building types will have a different contract cost. The buildings are needed to provide and/or replace working and living facilities for troops in the enduring locations. Without the new buildings, troops would continue to live and work in expeditionary facilities and tents in enduring locations with exceptionally hot climates creating safety and health risks. Without the ability to replace relocatable buildings that are beyond life cycle, troops would continue to live in buildings that will become unrepairable and could expose them to potential electrical dangers.

 Overseas Operations Costs (OOC) funds this requirement in the amount of \$26.980 million for FY 2025 Budget Estimate. Overseas Operations Costs (OOC) are those financed with former Overseas Contingency Operations (OCO) funding.

 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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1500MA9160 / BUILDING, PRE-FAB, RELOCATABLE	Item Number / Title [DODIC]: MA9160 / BUILDING, PRE-FAB, RELOCATABLE

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,117.093	25.151	31.011	26.980	-	26.980
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,117.093	25.151	31.011	26.980	-	26.980
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,117.093	25.151	31.011	26.980	-	26.980

(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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
Relocatable Buildings for BASE Program ^(f)	4,082.964	253	1,032.990	167.673	150	25.151	164.952	188	31.011	278.144	97	26.980	-	-	-	278.144	97	26.980
Relocatable Buildings for OCO Program ^(f)	119.126	706	84.103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,117.093</i>	-	-	<i>25.151</i>	-	-	<i>31.011</i>	-	-	<i>26.980</i>	-	-	-	-	-	<i>26.980</i>
<i>Subtotal: Hardware Cost</i>	-	-	<i>1,117.093</i>	-	-	<i>25.151</i>	-	-	<i>31.011</i>	-	-	<i>26.980</i>	-	-	-	-	-	<i>26.980</i>
Gross/Weapon System Cost	-	-	1,117.093	-	-	25.151	-	-	31.011	-	-	26.980	-	-	-	-	-	26.980

Remarks:

The Building, Pre-Fab, Relocatable Program (MA9160) funding line supports the relocatable building Restoration and Modernization (RM) activity providing the capability to emplace and lifecycle relocatable buildings in the U.S. Central Command region in Southwest Asia. Restoration and Modernization (RM) provides resources which support Facilities Restoration, Modernization, Demolition, and Utilities Restoration & Modernization. Resources are Other Procurement, Army (OPA) funding for the Active Component. RM excludes undertakings by military construction funds or categorized as Base Realignment and Closure (BRAC) effort.

U.S. Africa Command (AFRICOM): To build and strengthen partnerships in West Africa, AFRICOM will create the Combined Joint Interagency Coordination Group - West Africa (CJIACG-WA). To work this, a large team of military, civilians and contractors will be assigned to this cell. Due to the lack of space on the Kelley Barracks Installation (Home of AFRICOM), AFRICOM will build 2 relocatable Sensitive Compartmented Information Facility (SCIF).

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1500MA9160 / BUILDING, PRE-FAB, RELOCATABLE	Item Number / Title [DODIC]: MA9160 / BUILDING, PRE-FAB, RELOCATABLE

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	25.151	31.011	26.980	-	26.980
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	25.151	31.011	26.980	-	26.980

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1500MA9160 / BUILDING, PRE-FAB, RELOCATABLE				Item Number / Title [DODIC]: MA9160 / BUILDING, PRE-FAB, RELOCATABLE				

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Relocatable Buildings for BASE Program ^(†)		2022	Ready One Industries / El Paso, Texas	C / FFP	408th Contracting Command, Kuwait	Dec 2021	Mar 2022	188	171.420	N		
Relocatable Buildings for BASE Program ^(†)		2023	Ready One Industries / El Paso, Texas	C / FFP	408th Contracting Command, Kuwait	Dec 2022	Mar 2023	150	167.673	N		
Relocatable Buildings for BASE Program ^(†)		2024	Ready One Industries / El Paso, Texas	C / FFP	408th Contracting Command, Kuwait	Dec 2023	Mar 2024	188	164.952	N		
Relocatable Buildings for BASE Program ^(†)		2025	Ready One Industries / El Paso, Texas	C / FFP	408th Contracting Command, Kuwait	Dec 2024	Mar 2025	95	130.084	N		
Relocatable Buildings for BASE Program ^(†)		2025	TBD / TBD	C / TBD	409th Contracting Office, Stuttgart	Apr 2025	Apr 2027	2	7,311.000	N		
Relocatable Buildings for OCO Program		2022	Ready One Industries / El Paso, Texas	C / FFP	408th Contracting Command, Kuwait	Dec 2021	Mar 2022	0	0.000	N		

^(†) indicates the presence of a P-21

Remarks:

The Building, Pre-Fab, Relocatable Program (MA9160) funding line supports the relocatable building Restoration and Modernization (RM) activity providing the capability to emplace and lifecycle relocatable buildings in the U.S. Central Command region in Southwest Asia. Restoration and Modernization (RM) provides resources which support Facilities Restoration, Modernization, Demolition, and Utilities Restoration & Modernization. Resources are Other Procurement, Army (OPA) funding for the Active Component. RM excludes undertakings by military construction funds or categorized as Base Realignment and Closure (BRAC) effort.

U.S. Africa Command (AFRICOM): Two relocatable Sensitive Compartmented Information Facilities (SCIF) will provide the necessary space needed for the Combined Joint Interagency Coordination Group - West Africa (CJIACG-WA) team to work the current problem set.

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90										P-1 Line Item Number / Title: 1500MA9160 / BUILDING, PRE-FAB, RELOCATABLE										Item Number / Title [DODIC]: MA9160 / BUILDING, PRE-FAB, RELOCATABLE									

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						
Relocatable Buildings for BASE Program																																					
Prior Years Deliveries: 65																																					
	1	2022	ARMY	188	0	188			A -	-	-	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	8		0						
	1	2023	ARMY	150	0	150																						A -	-	-	30	30	30	30	30	30	0
	1	2024	ARMY	188	0	188																													188		
	1	2025	ARMY	95	0	95																													95		
	2	2025	ARMY	2	0	2																													2		
									O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024									
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90										P-1 Line Item Number / Title: 1500MA9160 / BUILDING, PRE-FAB, RELOCATABLE										Item Number / Title [DODIC]: MA9160 / BUILDING, PRE-FAB, RELOCATABLE				

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024													Fiscal Year 2025													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024													Calendar Year 2025													
							O C T	N O V	D E C	J A N	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			
Relocatable Buildings for BASE Program																																	
Prior Years Deliveries: 65																																	
1		2022	ARMY	188	188	0																							0				
1		2023	ARMY	150	150	0																							0				
1		2024	ARMY	188	0	188			A	-	-	-	30	30	30	30	30	30	8										0				
1		2025	ARMY	95	0	95																						0					
2		2025	ARMY	2	0	2																						2					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024									
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90										P-1 Line Item Number / Title: 1500MA9160 / BUILDING, PRE-FAB, RELOCATABLE										Item Number / Title [DODIC]: MA9160 / BUILDING, PRE-FAB, RELOCATABLE				

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026													Fiscal Year 2027										BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026													Calendar Year 2027										
							O C T	N O V	D E C	J A N	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
Relocatable Buildings for BASE Program																														
Prior Years Deliveries: 65																														
	1	2022	ARMY	188	188	0																							0	
	1	2023	ARMY	150	150	0																							0	
	1	2024	ARMY	188	188	0																							0	
	1	2025	ARMY	95	95	0																							0	
	2	2025	ARMY	2	0	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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90		P-1 Line Item Number / Title: 1500MA9160 / BUILDING, PRE-FAB, RELOCATABLE
		Item Number / Title [DODIC]: MA9160 / BUILDING, PRE-FAB, RELOCATABLE

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Ready One Industries - El Paso, Texas	10	90	200	3	2	3	5	3	2	3	5
2	TBD - TBD	2	2	2	9	6	24	30	0	0	0	0

Remarks:
 The Building, Pre-Fab, Relocatable Program (MA9160) funding line supports the relocatable building Restoration and Modernization (RM) activity providing the capability to emplace and lifecycle relocatable buildings in the U.S. Central Command region in Southwest Asia. Restoration and Modernization (RM) provides resources which support Facilities Restoration, Modernization, Demolition, and Utilities Restoration & Modernization. Resources are Other Procurement, Army (OPA) funding for the Active Component. RM excludes undertakings by military construction funds or categorized as Base Realignment and Closure (BRAC) effort.

U.S. Africa Command (AFRICOM): Two relocatable Sensitive Compartmented Information Facilities (SCIF) will provide the necessary space needed for the Combined Joint Interagency Coordination Group - West Africa (CJIACG-WA) team to work the current problem set.

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 1573MA6820 / Special Equipment for Test and Evaluation
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	52	27	23	28	-	28	29	21	22	18	-	220
Gross/Weapon System Cost (<i>\$ in Millions</i>)	116.353	88.779	52.481	90.705	-	90.705	93.196	90.247	90.328	95.209	-	717.298
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	116.353	88.779	52.481	90.705	-	90.705	93.196	90.247	90.328	95.209	-	717.298
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	116.353	88.779	52.481	90.705	-	90.705	93.196	90.247	90.328	95.209	-	717.298

(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>)	2,237.558	3,288.111	2,281.783	3,239.464	-	3,239.464	3,213.655	4,297.476	4,105.818	5,289.389	-	3,260.445

Description:

This funding line supports testing of Army Modernization Priority Programs.

Special Equipment for User Testing is comprised of multiple programs for the Major Developmental & Operational Testing Instrumentation and Army Threat Simulator Program. Program provides funding for Major Operational Testing Instrumentation, Major Field Instrumentation for Operational Testing (OT), Force Development Testing and Experimentation (FDTE), and Army Warfighting Experiments (AWE). Initiatives are tied to tactical and instrumentation systems that support each of the five joint functional concepts outlined in the Army Modernization Plan (Force Application; Protection; Focused Logistics; Battlespace Awareness; Command and Control). The Army Threat Simulator Program procures actual foreign hardware and Non-Developmental Items (NDI) (e.g., chassis, subsystems, commercial equipment, or actual threat weapons), which are integrated into a threat simulator design for user testing and training. The program also procures a variety of test assets, such as Threat Battle Command Force, Advanced Jammer Suite, Advanced Electronic Support Sensor Suite, and spares for Threat Operations.

Special Equipment for User Testing programs provides support at: Army Test and Evaluation Command (ATEC) and Operational Test Command (OTC) facilities to include Transformation Technology Directorate (TTD) at Fort Cavazos, TX; Fire Support Test Directorate (FSTD) at Fort Sill, OK; Airborne Special Operations Test Directorate (ABSOTD) at Fort Liberty, NC; Air Defense Artillery Test Directorate (ADATD) and Electronic Proving Ground (EPG) at Fort Huachuca, AZ; Aberdeen Test Center (ATC); Redstone Test Center (RTC); White Sands Test Center (WSTC); and Yuma Test Center (YTC).

Optics Modernization will provide a cost-effective and technologically superior replacement for the aging fleet of optical tracking systems at WSTC, YTC, ATC, RTC and OTC. This capability will consist of two different optical tracking systems: a small, highly dynamic Close-In Optical Tracking System readily deployed at ground level or on elevated platforms; and a medium-sized Fly-Out Optical Tracking System to accommodate larger payloads for longer range imaging requirements. Both systems will incorporate multi-waveband optics and sensors to allow simultaneous sensing in visible and infrared bands. Remote operability, weatherization, and improved data fusion with other range sensor systems will provide the efficiency and robustness unavailable with current architecture. Optics Modernization supports the Long Range Precision Fires, Next Generation Combat Vehicle, Future Vertical Lift and Air & Missile Defense Cross-Functional teams.

Equipment in this line is dual purposed as needed to support Army Training.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	
Army	Quantity	27	23	28	-	28	29	21	22	18

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 1573MA6820 / Special Equipment for Test and Evaluation
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
	Total Obligation Authority	88.779	52.481	90.705	-	90.705	93.196	90.247	90.328	95.209
Total:	Quantity	27	23	28	-	28	29	21	22	18
Secondary Distribution	Total Obligation Authority	88.779	52.481	90.705	-	90.705	93.196	90.247	90.328	95.209

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity:
2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment

P-1 Line Item Number / Title:
1573MA6820 / Special Equipment for Test and Evaluation

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	MA6821 / Optics Modernization	P-5a, P-21			24 / 89.901	9 / 68.737	6 / 33.471	9 / 68.639	- / -	9 / 68.639
P-5	MA6822 / Threat Systems	P-5a			28 / 26.452	18 / 20.042	17 / 19.010	19 / 22.066	- / -	19 / 22.066
P-40	Total Gross/Weapon System Cost				52 / 116.353	27 / 88.779	23 / 52.481	28 / 90.705	- / -	28 / 90.705

*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:

In FY 2025, Optics Modernization funding in the amount of \$68.639 million will provide for the procurement of nine Fly-Out systems. These systems will be used at White Sands Test Center (WSTC), Yuma Test Center (YTC) and Aberdeen Test Center (ATC) in support of developmental testing requirements in support of Long Range Precision Fires and Hypersonic Missile testing. This program leveraged OSD/CTEIP funded development in order to provide modernized optical tracking systems with enhanced capabilities. The increase from FY 2024 to FY 2025 reflects the increase in the number of systems required identified by the Army Test & Evaluation Center (ATEC).

In FY 2025, Threat Systems funding in the amount of \$22.066 Million procures multiple threat systems (Electronic Warfare (EW); Command, Control, and Communications; and Advanced Jamming) required to support the developmental and operational testing and training of network centric threat scenarios. These threat scenarios are critical to integrating digital battlefield data collection and analysis tools that support the establishment of robust command and control capabilities. Threat jammers will provide the Army with the capability to test systems across the entire Radio Frequency (RF) spectrum and will fulfill developmental and operational test requirements for ongoing multi-domain operations (MDO) by 2028. Validated threat jammers are a critical element to maintain threat EW density and realism required by Director, Operational Test and Evaluation to provide operationally relevant environments for Test and Evaluation (T&E) and training. Funding will provide Common Threat Emitters, which are comprised of multiple radar emitters to address threat radar shortfalls (VHF, UHF, Ku and Ka Bands), advanced ground and aerial sensor systems, low power ground surveillance systems, and other threat sensor systems employing non-RF applications (acoustic, seismic, and electro-optical/infrared) based on Army Test and Evaluation Command (ATEC) priorities.

"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 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1573MA6820 / Special Equipment for Test and Evaluation	Item Number / Title [DODIC]: MA6821 / Optics Modernization
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	24	9	6	9	-	9
Gross/Weapon System Cost (\$ in Millions)	89.901	68.737	33.471	68.639	-	68.639
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	89.901	68.737	33.471	68.639	-	68.639
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	89.901	68.737	33.471	68.639	-	68.639

(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)	3,745.875	7,637.444	5,578.500	7,626.556	-	7,626.556

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Gimbals and Forward-Looking Internal Metric Zoom Lenses (FLIR MMZL)	2,410.417	12	28.925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fly-Out System ^(†)	5,081.333	12	60.976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fly-Out System with Gimbals and FLIR MMZL ^(†)	-	-	-	7,637.444	9	68.737	-	-	-	7,626.556	9	68.639	-	-	-	7,626.556	9	68.639
Close-In System ^(†)	-	-	-	-	-	-	5,578.500	6	33.471	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	89.901	-	-	68.737	-	-	33.471	-	-	68.639	-	-	-	-	-	68.639
<i>Subtotal: Flyaway Cost</i>	-	-	89.901	-	-	68.737	-	-	33.471	-	-	68.639	-	-	-	-	-	68.639
Gross/Weapon System Cost	3,745.875	24	89.901	7,637.444	9	68.737	5,578.500	6	33.471	7,626.556	9	68.639	-	-	-	7,626.556	9	68.639

Remarks:

This capability consists of two different optical tracking systems: a small, highly dynamic Close-In Optical Tracking System readily deployed at ground level or on elevated platforms; and a medium-sized Fly-Out Optical Tracking System to accommodate larger payloads for longer range imaging requirements. Changes in unit costs are due to different ancillary equipment required by the individual test centers for each delivered system.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army Quantity	9	6	9	-	9

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Exhibit P-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1573MA6820 / Special Equipment for Test and Evaluation	Item Number / Title [DODIC]: MA6821 / Optics Modernization
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Secondary Distribution						
	Total Obligation Authority	68.737	33.471	68.639	-	68.639
Total:	Quantity	9	6	9	-	9
Secondary Distribution	Total Obligation Authority	68.737	33.471	68.639	-	68.639

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90			P-1 Line Item Number / Title: 1573MA6820 / Special Equipment for Test and Evaluation					Item Number / Title [DODIC]: MA6821 / Optics Modernization				
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
Fly-Out System		2022	Photo-Sonics Inc. / Chatsworth, CA	C / FFP	DOI - Herndon, VA	Sep 2022	Sep 2023	12	5,081.333	Y		
Fly-Out System with Gimbals and FLIR MMZL ^(†)		2023	Photo-Sonics Inc. / Chatsworth, CA	Option / FFP	DOI - Herndon, VA	Apr 2023	Apr 2024	9	7,637.444	Y		
Fly-Out System with Gimbals and FLIR MMZL ^(†)		2025	Photo-Sonics Inc. / Chatsworth, CA	Option / FFP	ACC-Orlando	Mar 2025	Mar 2026	9	7,626.556	Y		
Close-In System		2024	Photo-Sonics Inc. / Chatsworth, CA	Option / FFP	ACC-Orlando	Mar 2024	Mar 2025	6	5,578.500	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90 **P-1 Line Item Number / Title:** 1573MA6820 / Special Equipment for Test and Evaluation **Item Number / Title [DODIC]:** MA6821 / Optics Modernization

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022												Fiscal Year 2023												BALANCE	
O C C #	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
Fly-Out System with Gimbals and FLIR MMZL																															
1		2023	ARMY	9	0	9																							A - - - - -	9	
1		2025	ARMY	9	0	9																								9	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90 **P-1 Line Item Number / Title:** 1573MA6820 / Special Equipment for Test and Evaluation **Item Number / Title [DODIC]:** MA6821 / Optics Modernization

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024													Fiscal Year 2025													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024													Calendar Year 2025													
							O C T	N O V	D E C	J A N	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			
Fly-Out System with Gimbals and FLIR MMZL																																	
1		2023	ARMY	9	0	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
1		2025	ARMY	9	0	9																							9				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90 **P-1 Line Item Number / Title:** 1573MA6820 / Special Equipment for Test and Evaluation **Item Number / Title [DODIC]:** MA6821 / Optics Modernization

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026												Fiscal Year 2027												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026												Calendar Year 2027												
							O C T	N O V	D E C	J A N	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
Fly-Out System with Gimbals and FLIR MMZL																															
1		2023	ARMY	9	9	0																							0		
1		2025	ARMY	9	0	9	-	-	-	-	-	-	9																0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1573MA6820 / Special Equipment for Test and Evaluation	Item Number / Title [DODIC]: MA6821 / Optics Modernization
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Photo-Sonics Inc. - Chatsworth, CA	1	6	12	0	9	12	21	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-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1573MA6820 / Special Equipment for Test and Evaluation	Item Number / Title [DODIC]: MA6822 / Threat Systems
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	28	18	17	19	-	19
Gross/Weapon System Cost (\$ in Millions)	26.452	20.042	19.010	22.066	-	22.066
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	26.452	20.042	19.010	22.066	-	22.066
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	26.452	20.042	19.010	22.066	-	22.066

(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)	944.714	1,113.444	1,118.235	1,161.368	-	1,161.368

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Threat Electronic Warfare ^(†)	1,041.188	16	16.659	647.133	15	9.707	641.533	15	9.623	1,644.167	6	9.865	-	-	-	1,644.167	6	9.865
Threat Information Warfare ^(†)	1,661.000	2	3.322	2,789.000	1	2.789	3,013.000	1	3.013	2,944.000	1	2.944	-	-	-	2,944.000	1	2.944
Threat Network and Mission Command ^(†)	647.100	10	6.471	3,546.000	1	3.546	3,742.000	1	3.742	3,740.000	1	3.740	-	-	-	3,740.000	1	3.740
Threat Air and Missile Defense ^(†)	-	-	-	-	-	-	-	-	2.632	424.385	13	5.517	-	-	-	424.385	13	5.517
<i>Subtotal: Recurring Cost</i>	-	-	26.452	-	-	16.042	-	-	19.010	-	-	22.066	-	-	-	-	-	22.066
Non Recurring Cost																		
Cyber Threat Environment Modeling & Simulation (CTEMS) Congressional Add ^(†)	-	-	-	4,000.000	1	4.000	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	4.000	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	26.452	-	-	20.042	-	-	19.010	-	-	22.066	-	-	-	-	-	22.066
Gross/Weapon System Cost	944.714	28	26.452	1,113.444	18	20.042	1,118.235	17	19.010	1,161.368	19	22.066	-	-	-	1,161.368	19	22.066

Remarks:

Threat Operations costs fluctuate from year to year based on asset usage, spare part needs, tech refresh, and requirements.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1573MA6820 / Special Equipment for Test and Evaluation	Item Number / Title [DODIC]: MA6822 / Threat Systems
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Unit costs varies due to the complexity and number of tests required for each suite. Threat requirements change rapidly based on intelligence estimates and may result in differences between procurement cycles and variations with individual articles within the same procurement cycle.

The FY 2025 quantity is 21 instead of 19. There was an administrative oversight and the correct quantities are reflected.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	18	17	19	-	19
	Total Obligation Authority	20.042	19.010	22.066	-	22.066
Total: Secondary Distribution	Quantity	18	17	19	-	19
	Total Obligation Authority	20.042	19.010	22.066	-	22.066

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: 1573MA6820 / Special Equipment for Test and Evaluation	Item Number / Title [DODIC]: MA6822 / Threat Systems
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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
Threat Electronic Warfare		2022	General Dynamics C4 / Scottsdale, AZ	C / CPFF	PEO STRI, Orlando, FL	Jan 2022	Oct 2023	8	1,252.375	N		
Threat Electronic Warfare		2023	General Dynamics C4 / Scottsdale, AZ	C / CPFF	PEO STRI, Orlando, FL	Jan 2023	Oct 2024	15	647.133	N		
Threat Electronic Warfare		2024	General Dynamics C4 / Scottsdale, AZ	Option / CPFF	ACC, Redstone Arsenal, AL	Jan 2024	Oct 2024	15	641.533	N		
Threat Electronic Warfare		2025	General Dynamics C4 / Scottsdale, AZ	Option / CPFF	ACC, Redstone Arsenal, AL	Jan 2025	Oct 2025	6	1,644.167	N		
Threat Information Warfare		2022	Northrup Grumman / Falls Church, VA	C / CPFF	PEO STRI, Orlando, FL	Dec 2021	Jan 2022	1	2,532.000	N		
Threat Information Warfare		2023	Northrup Grumman / Falls Church, VA	C / CPFF	PEO STRI, Orlando, FL	Dec 2022	Jan 2023	1	2,789.000	N		
Threat Information Warfare		2024	Northrup Grumman / Falls Church, VA	Option / CPFF	ACC, Redstone Arsenal, AL	Dec 2023	Jan 2024	1	3,013.000	N		
Threat Information Warfare		2025	Northrup Grumman / Falls Church, VA	Option / CPFF	ACC, Redstone Arsenal, AL	Dec 2024	Jan 2025	1	2,944.000	N		
Threat Network and Mission Command		2022	General Dynamics C4 / Scottsdale, AZ	C / CPFF	PEO STRI, Orlando, FL	Jan 2022	Jan 2023	1	3,390.000	N		
Threat Network and Mission Command		2023	General Dynamics C4 / Scottsdale, AZ	C / CPFF	PEO STRI, Orlando, FL	Jan 2023	Jan 2024	1	3,546.000	N		
Threat Network and Mission Command		2024	General Dynamics C4 / Scottsdale, AZ	Option / CPFF	ACC, Redstone Arsenal, AL	Jan 2024	Jan 2024	1	3,742.000	N		
Threat Network and Mission Command		2025	General Dynamics C4 / Scottsdale, AZ	Option / CPFF	Acc, Redstone Arsenal, AL	Jan 2025	Jan 2026	1	3,740.000	N		
Threat Air and Missile Defense		2025	Science & Technology Research / Woburn, MA	C / TBD	ACC, Redstone Arsenal, AL	Apr 2025	Oct 2027	13	424.385	N		
Cyber Threat Environment Modeling & Simulation (CTEMS) Congressional Add		2023	Circadence / Tupelo, MS	C / CPFF	ACC, Redstone Arsenal, AL	Mar 2023	Sep 2023	1	4,000.000	N		

Remarks:
Threat Operations costs fluctuate from year to year based on asset usage, spare part needs, tech refresh, and requirements.

Unit costs varies due to the complexity and number of tests required for each suite. Threat requirements change rapidly based on intelligence estimates and may result in differences between procurement cycles and variations with individual articles within the same procurement cycle.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: 9900MA9999 / CLOSED ACCOUNT ADJUSTMENTS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	43.334	0.008	-	-	-	-	-	-	-	-	-	43.342
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	43.334	0.008	-	-	-	-	-	-	-	-	-	43.342
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	43.334	0.008	-	-	-	-	-	-	-	-	-	43.342

(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>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line is used for closed account/expired year transactions.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.008	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.008	-	-	-	-	-	-	-

Justification:

MA9999 has no funding in FY 2025.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 04: Spare and Repair Parts / BSA 20: OPA2 **P-1 Line Item Number / Title:** 0200BS9100 / INITIAL SPARES - C&E

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	543	425	632	505	-	505	426	318	258	221	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	253.167	10.463	9.169	9.810	-	9.810	10.304	10.308	10.317	10.420	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	253.167	10.463	9.169	9.810	-	9.810	10.304	10.308	10.317	10.420	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	253.167	10.463	9.169	9.810	-	9.810	10.304	10.308	10.317	10.420	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>)	466.238	24.619	14.508	19.426	-	19.426	24.188	32.415	39.988	47.149	Continuing	Continuing

Description:

Program provides for procurement of spares to support operational readiness. Spares are broken out as follows:

BS9716 / Non-PEO Spares: Procures COMSEC encryptors, secure voice devices, and fill devices.

BS9721 / Defense SATCOM Sys Spares (SPACE): Spares support the Defense Enterprise Wideband SATCOM Systems (DEWSS) Program (SSN BB8500). Spares support the modernization and upgrade to the Modernization of Enterprise Terminals (MET) systems, Enterprise Wideband Satellite Payload Control Systems (Wideband Operation Management System (WSOMS)) and Baseband Communications Systems. This requirement is included in the FY2030 /FY 2040 Army Strategic Portfolio Analysis Review (SPAR).

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	321	474	381	-	381	321	240	194	166
	Total Obligation Authority	9.487	8.253	8.841	-	8.841	9.331	9.333	9.340	9.434
ANG	Quantity	62	95	74	-	74	63	47	38	33
	Total Obligation Authority	0.586	0.550	0.581	-	0.581	0.583	0.585	0.586	0.592
AR	Quantity	42	63	50	-	50	42	31	26	22
	Total Obligation Authority	0.390	0.366	0.388	-	0.388	0.390	0.390	0.391	0.394
Total:	Quantity	425	632	505	-	505	426	318	258	221
Secondary Distribution	Total Obligation Authority	10.463	9.169	9.810	-	9.810	10.304	10.308	10.317	10.420

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 04: Spare and Repair Parts / BSA 20: OPA2 **P-1 Line Item Number / Title:** 0200BS9100 / INITIAL SPARES - C&E

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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 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	BS9716 / NON PEO-SPARES		A		543 / 73.299	425 / 4.014	632 / 3.667	505 / 3.887	- / -	505 / 3.887
P-5	BS9721 / DEFENSE SATCOM SYS SPARES (SPACE)				- / 179.868	- / 6.449	- / 5.502	- / 5.923	- / -	- / 5.923
P-40	Total Gross/Weapon System Cost				543 / 253.167	425 / 10.463	632 / 9.169	505 / 9.810	- / -	505 / 9.810

*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 2025 Base procurement funding in the amount of \$9.810 million procures spares to support operational readiness.

BS9716 / Non-PEO Spares: FY 2025 Base procurement dollars in the amount of \$3.887 million procures COMSEC encryptors, secure voice devices, and fill devices.

BS9721 / Defense SATCOM Sys Spares (SPACE): FY 2025 Base procurement dollars in the amount of \$5.923 million procures spares for Enterprise Wideband Satellite Payload Control Systems (Wideband Operation Management System (WSOMS)), modernization and upgrade to the Modernization of Enterprise Terminals (MET) systems, and Baseband communications systems.

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 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 04 / 20	P-1 Line Item Number / Title: 0200BS9100 / INITIAL SPARES - C&E	Item Number / Title [DODIC]: BS9716 / NON PEO-SPARES

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (<i>Units in Each</i>)	543	425	632	505	-	505
Gross/Weapon System Cost (<i>\$ in Millions</i>)	73.299	4.014	3.667	3.887	-	3.887
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	73.299	4.014	3.667	3.887	-	3.887
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	73.299	4.014	3.667	3.887	-	3.887

(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>)	134.989	9.445	5.802	7.697	-	7.697

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Hardware Cost																		
Recurring Cost																		
INE Procurement	12.537	962	12.061	9.445	425	4.014	11.838	160	1.894	7.729	501	3.872	-	-	-	7.729	501	3.872
SV Procurement	3.188	112	0.357	-	-	-	-	-	-	3.000	1	0.003	-	-	-	3.000	1	0.003
SKL Procurement	3.189	619	1.974	-	-	-	4.300	10	0.043	4.000	1	0.004	-	-	-	4.000	1	0.004
NGLD-S Procurement	-	-	-	-	-	-	3.745	462	1.730	4.000	1	0.004	-	-	-	4.000	1	0.004
NGLD-M	-	-	-	-	-	-	-	-	-	4.000	1	0.004	-	-	-	4.000	1	0.004
<i>Subtotal: Recurring Cost</i>	-	-	14.392	-	-	4.014	-	-	3.667	-	-	3.887	-	-	-	-	-	3.887
<i>Subtotal: Hardware Cost</i>	-	-	14.392	-	-	4.014	-	-	3.667	-	-	3.887	-	-	-	-	-	3.887
Support - Initial Spares and Repair Parts Cost																		
Initial Spares and Repair Parts	-	-	58.907	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Initial Spares and Repair Parts Cost</i>	-	-	58.907	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	134.989	543	73.299	9.445	425	4.014	5.802	632	3.667	7.697	505	3.887	-	-	-	7.697	505	3.887

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	321	474	381	-	381
	Total Obligation Authority	3.038	2.751	2.918	-	2.918
ANG	Quantity	62	95	74	-	74

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Exhibit P-5, Cost Analysis: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 04 / 20	P-1 Line Item Number / Title: 0200BS9100 / INITIAL SPARES - C&E	Item Number / Title [DODIC]: BS9716 / NON PEO-SPARES
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ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Total Obligation Authority	0.586	0.550	0.581	-	0.581
AR					
Quantity	42	63	50	-	50
Total Obligation Authority	0.390	0.366	0.388	-	0.388
Total: Secondary Distribution					
Quantity	425	632	505	-	505
Total Obligation Authority	4.014	3.667	3.887	-	3.887

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 04 / 20	P-1 Line Item Number / Title: 0200BS9100 / INITIAL SPARES - C&E	Item Number / Title [DODIC]: BS9721 / DEFENSE SATCOM SYS SPARES (SPACE)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	179.868	6.449	5.502	5.923	-	5.923
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	179.868	6.449	5.502	5.923	-	5.923
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	179.868	6.449	5.502	5.923	-	5.923

(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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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																		
Radio Frequency Modulated Orderwire (RFMOW)	-	-	45.449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wideband Remote Monitoring Sensor (WRMS)	-	-	43.069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Modernization of Enterprise Terminals (MET)	-	-	75.837	-	-	-	-	-	3.677	-	-	2.860	-	-	-	-	-	2.860
Wideband Operational Mgmt System (WSOMS)	-	-	10.933	-	-	6.449	-	-	1.825	-	-	2.500	-	-	-	-	-	2.500
Replacement Patch Test Facility (RPTF)	-	-	0.107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Replacement Radio Frequency Interconnecting Subsystem (RRFIS)	-	-	0.363	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Global Terrestrial Critical Control Circuit System (GTC3S)	-	-	0.506	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remote Monitoring and Control Equipment (RMCE)	-	-	0.402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 04 / 20	P-1 Line Item Number / Title: 0200BS9100 / INITIAL SPARES - C&E	Item Number / Title [DODIC]: BS9721 / DEFENSE SATCOM SYS SPARES (SPACE)
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 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 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)
Joint SATCOM Engineering Center (JSEC)	-	-	0.082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Joint Management and Operations System (JMOS)	-	-	0.292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Global Satellite Configuration Control Element (GSCCE)	-	-	0.232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Network Planning System (CNPS)	-	-	1.087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wideband Training and Certification System (WTCS)	-	-	0.791	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wideband Satellite Trending and Anomaly Resolution System (WSTARS)	-	-	0.418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Frequency Digital Multiple Access (FDMA) Modem	-	-	0.300	-	-	-	-	-	-	-	-	0.563	-	-	-	-	-	0.563
<i>Subtotal: Recurring Cost</i>	-	-	179.868	-	-	6.449	-	-	5.502	-	-	5.923	-	-	-	-	-	5.923
<i>Subtotal: Flyaway Cost</i>	-	-	179.868	-	-	6.449	-	-	5.502	-	-	5.923	-	-	-	-	-	5.923
Gross/Weapon System Cost	-	-	179.868	-	-	6.449	-	-	5.502	-	-	5.923	-	-	-	-	-	5.923

Remarks:

Spares are procured across multiple systems of sub-systems; Wideband Operational Management System (WSOMS), Modernization of Enterprise Terminals (MET) and Baseband communications systems.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	6.449	5.502	5.923	-	5.923
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	6.449	5.502	5.923	-	5.923