

SINGLE MANAGER FOR CONVENTIONAL AMMUNITION
(SMCA)

ADVANCED PLANNING BRIEFING TO INDUSTRY GUIDEBOOK



PUBLISHED MARCH 2025

TABLE OF CONTENTS

- Page 2 Joint Program Executive Office Armaments & Ammunition (JPEO A&A)
- Page 3 Project Manager Combat Ammunition Systems (PM CAS)
- Page 4 Project Manager Close Combat Systems (PM CCS)
- Page 5 Project Manager Maneuver Ammunition Systems (PM MAS)
- Page 6 Project Director Joint Services (PD JS)
- Page 7 Directorate of Integration (DoI)
- Page 8 Websites and Helpful Hints for DoD Contractors
- Page 9 Acronym Sheet
- Page 10 - 19 . . Appendix A ~ JPEO A&A Business Opportunities FY25
- Page 20 - 22. . Appendix B ~ Combat Capabilities Development Command (DEVCOM) Future Armaments Science and Technology Focus Areas




JOINT PROGRAM EXECUTIVE OFFICE ARMAMENTS & AMMUNITION

SFAE-AA, Building 1
 Picatinny Arsenal, NJ 07806-5000
 (973) 724-7101 (<https://jpeoaa.army.mil/>)

The Joint Program Executive Office Armaments & Ammunition's (JPEO A&A) mission is to develop, procure and field lethal armaments and ammunition, providing Joint Warfighters and Allied Partners overmatch capabilities. JPEO A&A's vision of "Innovative and empowered Teams rapidly fielding dominating capabilities" ensures that the Munitions Enterprise meets its responsibilities now and in the future. JPEO A&A is designated as the Single Manager for Conventional Ammunition (SMCA) Executor. The SMCA objective is to achieve the highest possible degree of effectiveness and efficiency in the DoD operations required to acquire conventional ammunition and integrate logistic functions for U.S. Forces.


JPEO A&A is an innovative and empowered team committed to rapidly fielding dominating capabilities to the Soldier. The JPEO is responsible for development, procurement and fielding lethal armaments and ammunition, providing Joint Warfighters and Allied Partners overmatch capabilities. This includes integrating budgets, acquisition strategies, R&D and life-cycle management across all armament and ammunition families. JPEO A&A is located at Picatinny Arsenal, New Jersey and is comprised of four project offices.



Project Manager
Combat Ammunition Systems
Indirect Fire Munitions and Mortar Weapon Systems

- Long Range Precision Fires
- Cannon Delivered Area Effects Munitions
- Mortar Weapon Systems
- Tactical Artillery Systems

COL Alicia Johnson



Project Manager
Close Combat Systems
Terrain Shaping Obstacles, Close Combat Munitions, Protection and Support Systems

- Interim Top Attack Munition
- Individual Shoulder Launched Munition
- Countermeasure Flares/Decoys
- Demil
- Joint Ammunition & Weapons Systems

COL Vince Morris



Project Manager
Maneuver Ammunition Systems
Direct Fire Munitions

- Small, Medium and Large Caliber
- Special Ammo & Weapon Systems

COL Steven Power



JPEO A&A
 MG John Reim



DJPEO A&A
 Dr. Theresa Smith, DML



Highly Qualified Expert
 Mr. Greg Matson



APEO International
 Mr. Thomas Coradeschi



Dir Talent Management
 Ms. Kerry Henry



Senior Munitions Advisor
 CW5 Adam Green



Chief of Staff

- Human Resources
- Security / Foreign Disclosure
- Acquisition Processes
- Audit Readiness
- Business Management
- Information Technology

Mr. Stephen Bielamowicz



Project Lead
Joint Services

- Ammunition Industrial Base
- SMCA Integration
- Technology and Prototyping
- Energetics

COL Joshua Headley



Director of Integration

- Technology Maturation and Transition
- Systems Integration
- Architectures and Standards
- Ammunition Logistics R&D
- Assured Position Navigation and Timing
- Munition Deployed NavWar

Mr. Eugene Conner



PROJECT MANAGER COMBAT AMMUNITION SYSTEMS

Project Manager Combat Ammunition Systems (PM CAS) develops, produces, and equips the Joint Warfighters and Allied Partners with conventional artillery and mortar ammunition, precision ammunition, artillery and mortar weapons systems, and fire control systems. This office is responsible for the 155mm munition ramp-up to reach a capacity of 100K shots per month through significant expansion of the industrial base. PM CAS is also a member of the Long Range Precision Fires Cross Functional Team, responsible for innovation at the round to deliver advanced munitions for Army Modernization. Under the Single Manager for Conventional Ammunition (SMCA) responsibilities, PM CAS procures ammunition for US Marine Corps, US Air Force, US Special Operations Command, and our allies. The PM is the life cycle program manager of artillery and mortar products in the following categories:

- Precision Guided and Anti-Armor Munitions (Excalibur, Precision Guidance Kit, Long Range Precision Guidance Kit, Bonus, and Cannon Delivered Area Effects Munitions)
- Conventional Munitions for Mortars and Artillery (High Explosive, Obscuration, Illumination, and Training)
- Artillery Propellants and Primers
- Fuzes and Fuze Setters
- 60mm, 81mm, 120mm Mortar Weapon Systems
- Artillery and Mortar Fire Control Systems
- 105mm, 155mm Towed Howitzers (M119A2/A3, M777A2)
- Non-Standard Howitzers (D-30)
- Gun Laying/Surveying
- Interoperability of Indirect Fire Systems with Allies

Points of Contact:

Project Manager, Combat Ammunition Systems, (973) 724-2003

Deputy Project Manager, Combat Ammunition Systems, (973) 724-2110

Product Manager, Artillery, Mortars & Precision Systems, (520) 673-4663

Product Manager, Precision Attack Cannon Munitions, (973) 724-1839

Conventional Ammunition Division, (973) 724-7617

Business Management Division, (973) 724-2619

International Programs for Ammunition, (973) 865-0972

International Programs for Weapon Systems, (520) 691-4427



PROJECT MANAGER CLOSE COMBAT SYSTEMS

Project Manager Close Combat Systems (PM CCS) provides dominant and innovative lethal and protective capabilities for the Joint Warfighter. Team CCS' contributions span multiple Services, and support the spectrum of conflict from lethal to intermediate force, and end of life-cycle demilitarization for all Department of Defense conventional munitions. The capabilities are used in multi-domain operations to enable efficient and effective Joint Warfighter success. Mission areas include:

- Terrain Shaping Capabilities and Area Denial
- Obstacle Breaching and Demolitions Capabilities
- Shoulder-Launched Munitions
- Hand Grenades
- Vehicle Protection Munitions
- Small-Unmanned Aerial Systems Munitions
- Aviation Bombs, Counter-measures, and Actuated Devices
- Conventional Munition Demilitarization
- Explosive Hazard Detection and Neutralization Capabilities
- Signaling and Training Simulators
- Intermediate Force & Protection Systems

Points of Contact:

Project Manager, Close Combat Systems, (973) 724-7041

Product Manager, Terrain Shaping Obstacles, (973) 255-6192

Product Director, Combat Armaments and Protection Systems, (973) 724-6246

Product Director, Demolition & Countermeasures, (973) 724-5241

Product Lead Joint Ammunition and Weapons Systems, (520) 942-2820

Product Director Demilitarization, (520) 942-2827



PROJECT MANAGER MANEUVER AMMUNITION SYSTEMS

Project Manager Maneuver Ammunition Systems (PM MAS) as single manager for direct fire conventional ammunition, develops, and produces both tactical and training effects to provide the Army, Joint and Allied Warfighters' with lethal overmatch.

PM MAS accomplishes these missions through strategic lifecycle program management of ammunition for weapon systems in the following categories:

- Small Caliber Ammunition
- Medium Caliber Ammunition
- Large Caliber Ammunition
- Special Ammunition and Weapon Systems (SAWS)

Points of Contact:

Project Manager, Maneuver Ammunition Systems, (973) 724-5307

Product Manager, Small Caliber Ammunition, (973) 724-2229

Product Manager, Medium Caliber Ammunition, (973) 724-1261

Product Manager, Large Caliber Ammunition, (973) 724-4935

Product Lead, Special Ammunition and Weapon Systems, (973) 724-3197



PROJECT LEAD JOINT SERVICES

Project Lead Joint Services (PL JS) enables the Acquisition and Manufacturing of Munitions for the Joint Services. Responsibilities within these categories include:

- Coordinating and integrating the Single Manager for Conventional Ammunition (SMCA) functions, processes and operations
- Government Owned Contractor Operated (GOCO) Army Ammunition Plant Modernization and Acquisition Strategies
- Production Base Support Program: Provision of Industrial Facilities, Maintenance of Inactive Facilities, Layaway of Industrial Facilities and Armament Retooling and Manufacturing Support (ARMS) Program
- Executing Public Law 105 - 261, Section 806, Procurement of Conventional Ammunition
- Industrial Base Policy and Strategic Planning
- Managing munitions manufacturing technology and prototyping programs
- Joint Ordnance Commanders Group (JOCG) Executive Committee (EXCOM)
- Co-Chair of the Munitions working group for the North American Technology Industrial Base Organization (NATIBO)
- Government liaison to the National Defense Industrial Association (NDIA) Munitions Executive Summit and the Industrial Committee for Ammunition Producers (ICAP)

Section 806 Watch List:

<https://sam.gov/opp/15dadd13fc764a7a6283cf6424038166/view>

Solicitation number W15QKN-15-Z-2460

SMCA Industrial Base Strategic Plan (IBSP):

<https://sam.gov/opp/4cb79cdde58574059f781c6187f720a8/view>

Solicitation number W15QKN-16-X-2020

Points of Contact:

Project Lead, Joint Services, (973) 724-7626

Deputy Project Lead, Joint Services, (973) 724-5578



DIRECTORATE OF INTEGRATION

The Directorate of Integration (DoI) influences and guides action at the system of systems level to facilitate the rapid delivery of emergent and disruptive capability across the JPEO A&A portfolio by synchronizing program efforts, facilitating the definition of architectures/standards and identifying and cultivating technology investments. The Directorate leads effort for the JPEO A&A on the following topics:

- Assured Position Navigation and Timing (A-PNT) / Navigation Warfare (NAVWAR)
- Ammunition Logistics
- Assured Munitions/ Supply Chain Risk Management
- Digital Engineering and Modular Open Systems Architecture
- Technology transition to Programs of Record
- Externally funded R&D (e.g. Technology Maturation Initiative, ManTech, SBIR)
- Environmental, Safety and Occupational Health policy
- JPEO A&A Chief Technology Officer
- JPEO A&A Chief Systems Engineer

Points of Contact:

Director of Integration, Gene Conner, (973) 724-8822

Deputy Director of Integration, Andy Lewis, (973) 724-8518

Chief Technology Officer, Dr Thomas Blenk, (520) 684-3315

Chief Systems Engineer, Dave Magidson, (973) 724-9455

A-PNT/NavWar, Greg Panas, (520) 684-3499

R&D Program Manager, Karen Amabile, (973) 724-2392

Supply Chain Risk Management, Christine Yadoff, (309) 782-3575

Ammunition Logistics, Mustafa Rawat, (973) 724-7586

Environmental, Safety and Occupational Health, Brian Hubbard, (973) 724-9088

WEBSITES

Defense Acquisition Portal:

<https://www.dau.edu/>

U.S. Army Materiel Command:

<https://www.army.mil/AMC>

Army Futures Command:

<https://www.army.mil/futures>

Defense Pricing and Contracting:

<https://www.acq.osd.mil/asda/dpc/index.html>

Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology:

<https://www.army.mil/asaalt>

System for Award Management, Contract Opportunities:

[SAM.gov](https://sam.gov) | [Contract Opportunities](#)

Joint Program Executive Office Armaments & Ammunition:

<https://jpeoaa.army.mil/>

Combat Capabilities Development Command Armaments Center:

<https://ac.ccdc.army.mil/>

HELPFUL HINTS for DoD CONTRACTORS

- Monitor the SAM.gov website for Contract Opportunities for new business
- Review Market Surveys and respond to them
- Review Draft Requests for Proposals and provide comment(s)
- Participate in Industry Day(s)
- Attend Government sponsored conferences and training

ACRONYM SHEET

AF	-	Award Fee
C	-	Competitive
CPAF	-	Cost-Plus-Award-Fee
CPFF	-	Cost-Plus-Fixed-Fee
CPIF	-	Cost-Plus-Incentive-Fee
DOTC	-	Department of Defense Ordnance Technology Consortium
FFP	-	Firm-Fixed-Price
FMS	-	Foreign Military Sales
F&OC	-	Full and Open Competition
FP EPA	-	Fixed Price with Economic Price Adjustment
GOCO	-	Government Owned Contractor Operated
GOGO	-	Government Owned Government Operated
IDIQ	-	Indefinite Delivery/Indefinite Quantity
LC	-	Limited Competition
MOD	-	Modification
NTIB	-	National Technology & Industrial Base
OTA	-	Other Transaction Authority
POC	-	Point of Contact
REQ	-	Requirements
SBSA	-	Small Business Set Aside
SS	-	Sole Source
SSN	-	Standard Study Number
TBD	-	To Be Determined
T&M	-	Time and Materials
WOSB	-	Women-Owned Small Business

Appendix A

JPEO Armaments & Ammunition
Business Opportunities for FY25 - 1QFY26
Project Manager Close Combat Systems (PM CCS)

Program/ Item/ Description	FY25 Dollars (\$M) (FY25 Pres Budget Request) / SSN	Planned Strategy	Contract Action	Contract Type	Anticipated Final RFP Release Date (month/FY)	Draft RFP Y/N	Industry Day Y/N	
<ul style="list-style-type: none"> • Planned Strategy: Competitive (C); Limited Competition (LC); Small Business Set-Aside (SBSA); Sole Source (SS); United States and Canada only (US & Canada); etc. • Contract Action: New Contract (New); Delivery/Task Order (Order); Modification (Mod); Option • Contract Type: Includes Indefinite Delivery/Indefinite Quantity (IDIQ), Other Transaction Authority (OTA); and Firm Fixed Price (FFP); Cost Plus Fixed Free (CPFF); etc. • Standard Study Number (SSN): Includes either the corresponding number or Foreign Military Sales (FMS) 								
Family of Hand-held Signals- New Contract	\$7.0	E46900A	SBSA	New	FFP	Feb-25	N	N
Family of TNT -1/4-1/2-1lb Blocks	\$6.8	E50800000	SBSA	New Action - Base IDIQ	FFP	Feb-25	N	N
Bangalore Torpedo	\$3.0	E50703	SS	New Action - Base IDIQ	FFP	Nov-25	N	N
M456 Type 1 Det Cord & Reinforced	\$7.8	E54100	F&OC	Order	FFP	Mar-25	N	N
M6-M7 Electric Blasting Cap	\$2.5	E52500	F&OC	Order	FFP	Mar-25	N	N
SAVO - Delivery Order	\$10.1	E76740	SS	Order	FFP	Mar-25	N	N
Volcano FMS for Lithuania (VLSAS)	\$14.7	N/A	SS	New Action - Base IDIQ	FFP	Mar-25		N
M111-M112-M330	\$14.3	E33010	F&OC	Order	FFP	Mar-25	N	N
M72 LAW - Delivery Order	\$8.2	E36901000	SS	Order	FFP	Mar-25	N	N
MK124 Signals, Smoke & Illumination	\$3.5	E46900A	F&OC	Order	FFP	Mar-25	N	N
BLU-136/B Bomb Assembly	TBD		U.S. and outlying areas	New Action - Base IDIQ	FFP	May-25	N	N
MK7 APOBS	\$11.8	E72800	F&OC	Order	FFP	May-25	N	N
Family of Shaped Charges	\$2.4	E55400A	SBSA	New	FFP	Aug-25	N	N
Conventional Ammo Demil	TBD	N/A	F&OC	New Action - Base IDIQ	FFP	Nov-25	Y	Y

JPEO Armaments & Ammunition
Business Opportunities for FY25 - 1QFY26
Project Manager Combat Ammunition Systems (PM CAS)

Program/ Item/ Description	FY25 Dollars (\$M) (FY25 Pres Budget Request) / SSN	Planned Strategy	Contract Action	Contract Type	Anticipated Final RFP Release Date (month/FY)	Draft RFP Y/N	Industry Day Y/N	
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XM1155 Extended Range Artillery Projectile (ERAP)	\$19.0	E89500	Fair Opportunity	New	OTA	Jun-24	N	N
M1156 Precision Guidance Kit - E5 Testing	\$10.0	E27501	SS	Mod	FFP	Oct-24	N	N
TNT & PBXN-9 Supplemental Charges	\$1.1	E89500	US & Canada	New	IDIQ-FFP	Feb-25	N	Y
TNT & PBXN-9 Supplemental Charges	\$13.3	E89500	C	Order	IDIQ-FFP	Feb-25	N	Y
M82 Percussion Primer	\$45.6	E15101	C	Order	IDIQ-FFP	Feb-25	N	Y
M734A1 Multi-Option and M783 Point Detonating/Delay Mortar Fuzes (MOFM)	\$107.1	E89600/E76000/E25500	C	Order	IDIQ-FFP	Feb-25	N	N
60mm/81mm/120mm Ignition Cartridges (M752A1, M702 & M299)	\$28.1	E89600/E76000/E25500	C	Order	IDIQ-FFP	Feb-25	N	N
60mm/81mm/120mm Propellant Charges	\$96.9	E89600/E76000/E25500	C	Order	IDIQ-FFP	Feb-25	N	N
Meltable Fuze Plug (M1128)	\$0.4	E89500	C	Order	IDIQ-FFP	Feb-25	N	Y
120mm Mortar Tail Fins (M31)	\$7.2	E25500	SS	Order	IDIQ-FFP	Feb-25	N	N
60mm & 81mm Mortar Tail Fins (M24, M27, M28)	\$9.2	E89600/E76000	C	Order	IDIQ-FFP	Feb-25	N	N
M751/M775/M781 Mortar Practice Fuze	\$4.3	E89600/E76000/E25500	C	Order	IDIQ-FFP	Feb-25	N	N
Mortar Fiber Containers	\$0.5	E76000/E25500	C	Order	IDIQ-FFP	Feb-25	N	N
Firecon-Pro Fielding	\$2.0	K99300/G02100/G02200	SS	Order	IDIQ-FFP	Feb-25	N	N
Explosives - Composition B	\$25.6	E89600/E76000	SS	Order	IDIQ-FFP	Feb-25	N	N
Explosive - IMX-104	\$31.6	E89600/E76000/E25500	SS	Order	IDIQ-FFP	Feb-25	N	N
Explosive Fill - PBXN-12	\$47.9	E89600/E76000/E25500	SS	Order	IDIQ-FFP	Feb-25	N	N
M762A1 ET Fuze	\$37.9	E89500	SS	Order	IDIQ-FFP	Mar-25	N	Y

JPEO Armaments & Ammunition
Business Opportunities for FY25 - 1QFY26
Project Manager Combat Ammunition Systems (PM CAS)

Program/ Item/ Description	FY25 Dollars (\$M) (FY25 Pres Budget Request) / SSN	Planned Strategy	Contract Action	Contract Type	Anticipated Final RFP Release Date (month/FY)	Draft RFP Y/N	Industry Day Y/N
<ul style="list-style-type: none"> • Planned Strategy: Competitive (C); Limited Competition (LC); Small Business Set-Aside (SBSA); Sole Source (SS); United States and Canada only (US & Canada); etc. • Contract Action: New Contract (New); Delivery/Task Order (Order); Modification (Mod); Option • Contract Type: Includes Indefinite Delivery/Indefinite Quantity (IDIQ), Other Transaction Authority (OTA); <u>and</u> Firm Fixed Price (FFP); Cost Plus Fixed Free (CPFF); etc. • Standard Study Number (SSN): Includes either the corresponding number or Foreign Military Sales (FMS) 							
M776 Cannon Second Source	\$161.0	E89500	US & Canada	Order	IDIQ-FFP	Mar-25	N Y
XM1208 Projectile	\$371.7	E89500	SS	New Contract	IDIQ-FFP	Mar-25	N Y
M795 LAP Additional Sources	\$8.0	E89500	C	New Contract	IDIQ-FFP	Mar-25	N N
XM1210 DOTC	\$5.0	E89500	SS	Mod	OTA-CPFF	Mar-25	N N
120mm Mortar Shell Bodies	\$73.2	E25500	C	New	IDIQ-FFP	Mar-25	N N
M1 Projectile / Projectile Gun Unit (PGU) Load/Assemble/Pack (LAP) (43/B, 44/45)	\$8.3	E15102	US & Canada	Order	IDIQ-FFP	Apr-25	N N
MACS LAP (M231A2/M232A2)	\$111.9	E27501	C	Order	IDIQ-FFP	Apr-25	N Y
MACS M31A2-Type Triple-Base Propellant	\$292.4	E27501	SS	Order	IDIQ-FFP	Apr-25	N Y
MACS Containers (PA161/PA103A2)	\$16.0	E27501	SS	Order	IDIQ-FFP	Apr-25	N Y
MACS Combustible Cases (M231A2/M232A2)	\$30.8	E27501	SS	Order	IDIQ-FFP	Apr-25	N Y
MACS WC864 Ball Powder (4QFY24 Wave) Order	\$6.1	E27501	C	Order	IDIQ-FFP	Apr-25	N Y
M119A2 Propelling Charge Production	\$99.2	E27501	C	Order	IDIQ-FPIF	Apr-25	N Y
M1128 LAP	\$72.3	E89500	C	Order	IDIQ-FFP	Apr-25	N Y
M1128 Metal Parts	\$25.0	E89500	C	Order	IDIQ-FFP	Apr-25	N Y
M739A1 Point Detonating Fuze (Ukraine)	\$54.3	E89500	SS	Order	IDIQ-FFP	Apr-25	N Y
60/81mm HF-1 and Non HF-1 Shell Bodies	\$49.5	E89600/ E76000	C	Order	IDIQ-FFP	Apr-25	N N
PA154 & PA157 Metal Containers	\$2.3	E76000/ E25500	C	Order	IDIQ-FFP	Apr-25	N N
M772/M776 MTSQ Fuze	\$5.0	E89600/E76000/ E25500	SS	Order	IDIQ-FFP	Apr-25	N N
60/81mm High Explosive LAP	\$42.3	E89600/E76000	C	Order	IDIQ-FFP	Apr-25	N N

JPEO Armaments & Ammunition
Business Opportunities for FY25 - 1QFY26
Project Manager Combat Ammunition Systems (PM CAS)

Program/ Item/ Description	FY25 Dollars (\$M) (FY25 Pres Budget Request) / SSN	Planned Strategy	Contract Action	Contract Type	Anticipated Final RFP Release Date (month/FY)	Draft RFP Y/N	Industry Day Y/N
<ul style="list-style-type: none"> • Planned Strategy: Competitive (C); Limited Competition (LC); Small Business Set-Aside (SBSA); Sole Source (SS); United States and Canada only (US & Canada); etc. • Contract Action: New Contract (New); Delivery/Task Order (Order); Modification (Mod); Option • Contract Type: Includes Indefinite Delivery/Indefinite Quantity (IDIQ), Other Transaction Authority (OTA); <u>and</u> Firm Fixed Price (FFP); Cost Plus Fixed Free (CPFF); etc. • Standard Study Number (SSN): Includes either the corresponding number or Foreign Military Sales (FMS) 							
120mm High Explosive LAP	\$55.7	E25500	C	Order	IDIQ-FFP	Apr-25	N
60/81mm Full Range Practice Cartridge (M769, M879A1)	\$17.0	E89600/E76000	C	Order	IDIQ-FFP	Apr-25	N
120mm Full Range Practice Cartridge LAP	\$11.8	E25500	C	Order	IDIQ-FFP	Apr-25	N
M67 Propellant Charge	\$13.8	E15101	C	Order	IDIQ-FFP	Apr-25	N
105mm M1 Wood Boxes	\$1.8	E15102	C	Order	IDIQ-FFP	Apr-25	N
Firecon-Pro (Cables)	\$2.5	K99300/G02100/ G02200	SS	Order	IDIQ-FFP	Apr-25	N
Parachutes (81mm/120mm/155mm)	\$2.9	E89600/ E76000/ E25500/E89500	C	Order	IDIQ-FFP	Apr-25	N
81mm Body Tube and Tail Cones	\$0.6	E76000	C	Order	IDIQ-FFP	Apr-25	N
M795 Metal Parts	\$756.2	E89500	C	Order	IDIQ-FPIF	May-25	N
M795 LAP w/TNT	\$294.7	E89500	C	Order	IDIQ-FFP	Jun-25	N
M782 Multi-Option Fuze for Artillery (MOFA)	\$150.2	E89500	C	Order	IDIQ-FFP	Jun-25	N

**JPEO Armaments & Ammunition
Business Opportunities for FY25 - 1QFY26**

Project Manager Maneuver Ammunition Systems (PM MAS)

Program/ Item/ Description	FY25 Dollars (\$M) (FY25 Pres Budget Request) / SSN	Planned Strategy	Contract Action	Contract Type	Anticipated Final RFP Release Date (month/FY)	Draft RFP Y/N	Industry Day Y/N
<ul style="list-style-type: none"> • Planned Strategy: Competitive (C); Limited Competition (LC); Small Business Set-Aside (SBSA); Sole Source (SS); United States and Canada only (US & Canada); etc. • Contract Action: New Contract (New); Delivery/Task Order (Order); Modification (Mod); Option • Contract Type: Includes Indefinite Delivery/Indefinite Quantity (IDIQ), Other Transaction Authority (OTA); and Firm Fixed Price (FFP); Cost Plus Fixed Free (CPFF); etc. • Standard Study Number (SSN): Includes either the corresponding number or Foreign Military Sales (FMS) 							
NGSW Construction Definitization	\$270.1	N/A	US only	Mod	FFP	Apr-23	N
M1002 Container	\$3.2	E73201	LC	Mod	FFP	Dec-23	N
M829A4	\$134.0	E88106	US & Canada	New	IDIQ/FP with EPA	Jan-24	N
SP Cartridge	\$22.6	E06015	US only	Order	CPFF	Feb-24	N
IMHET	\$42.5	FMS	SS	New	Requirements/ FFP	Apr-24	N
120mm AMP	\$114.3	E88105	US/Canada only	New	Requirements/ FFP	May-24	N
M792	\$92.9	E08201	LC	Order	FFP	Jul-24	N
PM MAS General Construction/Rebranding	\$6.8	N/A	8a Sole Source	New	T&M/FFP	Aug-24	N
7.62 RRA	\$7.2	N/A	F&OC	OTA	FFP	Aug-24	N
25mm Prox Badger	\$7.0	N/A	F&OC	OTA	CPFF	Aug-24	N
NGSW Construction Equipping	\$224.0	N/A	US only	Mod	CPFF	Sep-24	N
50mm TP	\$35.8	E80011	LC	Order	FFP	Sep-24	N
M29 & MK7 Links	\$1.0	N/A	US/Canada only	Order	CPFF	Oct-24	N
M54A1 HPT	\$1.9	N/A	US/Canada only	Order	CPFF	Nov-24	N
RACE Year 3	\$2.5	N/A	US only	Mod	CPFF	Nov-24	N
M548 Ammunition Container	\$0.6	N/A	SBSA	New	IDIQ/FFP	Dec-24	N
30mm XM950	\$9.8	E10100	LC	Order	FFP	Feb-25	N
M788	\$13.9	E10100	LC	Order	FFP	Feb-25	N
10 Gauge Shot Shell	\$0.1	E00100	F&OC	Order	FFP	Feb-25	N
M789	\$60.4	N/A	LC	Order	FFP	Feb-25	N
20mm APDS MK244	\$16.9	N/A	LC	Order	FFP	Feb-25	N
M430A1	\$174.5	E11800	SS	Option	FFP	Feb-25	N
Depleted Uranium	\$7.4	E88106	SS	Order	FFP	Feb-25	N
XM1211	\$179.2	E10111	LC	Order	FFP	Feb-25	N
PM MAS Support	\$7.3	N/A	F&OC	Order	FFP	Mar-25	N
120mm Tank Training	\$115.9	E73400 & E73201	US/Canada only	Option	FFP	Mar-25	N
6.8mm CCMCK	\$1.0	E06019	F&OC	Order	FFP	Mar-25	N

**JPEO Armaments & Ammunition
Business Opportunities for FY25 - 1QFY26**

Project Manager Maneuver Ammunition Systems (PM MAS)

Program/ Item/ Description	FY25 Dollars (\$M) (FY25 Pres Budget Request) / SSN	Planned Strategy	Contract Action	Contract Type	Anticipated Final RFP Release Date (month/FY)	Draft RFP Y/N	Industry Day Y/N	
<ul style="list-style-type: none"> • Planned Strategy: Competitive (C); Limited Competition (LC); Small Business Set-Aside (SBSA); Sole Source (SS); United States and Canada only (US & Canada); etc. • Contract Action: New Contract (New); Delivery/Task Order (Order); Modification (Mod); Option • Contract Type: Includes Indefinite Delivery/Indefinite Quantity (IDIQ), Other Transaction Authority (OTA); and Firm Fixed Price (FFP); Cost Plus Fixed Free (CPFF); etc. • Standard Study Number (SSN): Includes either the corresponding number or Foreign Military Sales (FMS) 								
SP LAP Materials - Cartridge components	\$0.1	N/A	US/Canada only	Order	FFP	Mar-25	N	N
7.62mm & 5.56mm OWL	\$7.5	E04607/E04608/ E02012	US only	Order	CPFF	Mar-25	N	N
40mm HEDP-AB LRIP	\$44.4	E11800	F&OC	Mod	FFP	Apr-25	N	N
5.56mm & 7.62mm SRTA	\$2.4	E88600	SS	Order	FFP	Apr-25	N	N
25mm M910 TPDS-T	\$26.1	E08204	LC	Order	FFP	Apr-25	N	N
.50 Cal SLAP	\$115.0	F88000	US only	Order	CPFF	Apr-25	N	N
Second Source, 5.56mm 7.62mm Cal .50	\$69.3	Multiple	US/Canada only	Option	CPFF	Apr-25	N	N
Cal .50 Reduced Range Ammunition	\$6.8	E07307	TBD	New	TBD/FFP	Apr-25	N	N
5.56mm	\$112.0	Multiple	US only	Order	CPFF	Apr-25	N	N
7.62mm	\$83.0	Multiple	US only	Order	CPFF	Apr-25	N	N
Cal .50	\$199.2	Multiple	US only	Order	CPFF	Apr-25	N	N
30mm XM1198	\$4.7	E09900	LC	Order	FFP	Apr-25	N	N
M433	\$31.5	E12601	SS	Option	FFP	Apr-25	N	N
6.8mm Primed Cases	\$0.2	E06002	F&OC	Order	FFP	Apr-25	N	N
40mm NRE	\$1.0	N/A	F&OC	New	CPFF	Apr-25	N	N
9mm CCMCK	\$1.7	E96105 & E96107	SS	Order	FFP	May-25	N	N
40mm HVDNT	\$139.1	E05611	LC	Order	FFP	May-25	N	N
MHS Pistol	\$20.3	E05218	F&OC	Order	CPFF	May-25	N	N
PGU 27 A/B TP BP	\$7.5	N/A	LC	Order	FFP	May-25	N	N
PGU 30 A/B	\$3.9	N/A	LC	Order	FFP	May-25	N	N
.300 & .338 Norma Magnum	\$7.3	E03715	F&OC	Order	FFP	May-25	N	N
5.56mm CCMCK	\$22.0	E96110/E96120/ E96121	SS	Order	FFP	May-25	N	N
SP Projectile	\$2.1	N/A	US only	Order	CPFF	May-25	N	N
PGU 30 A/B	\$3.9	F45100	LC	Order	FFP	May-25	N	N
105mm HEP M393A3	\$116.9	E24300	SS	New	TBD/FFP	May-25	N	N
Shotshell	\$0.6	E00300	F&OC	Order	CPFF	Jun-25	N	N
PGU 23/U	\$10.8	N/A	LC	Order	FFP	Jun-25	N	N
PGU 15 linked	\$8.5	N/A	LC	Order	FFP	Jun-25	N	N
25mm M919	\$80.4	E08210	LC	Order	FFP	Jun-25	N	N
Cellular contract	\$0.0	N/A	F&OC	Order	FFP	Jul-25	N	N

**JPEO Armaments & Ammunition
Business Opportunities for FY25 - 1QFY26**

Project Manager Maneuver Ammunition Systems (PM MAS)

Program/ Item/ Description	FY25 Dollars (\$M) (FY25 Pres Budget Request) / SSN	Planned Strategy	Contract Action	Contract Type	Anticipated Final RFP Release Date (month/FY)	Draft RFP Y/N	Industry Day Y/N
<ul style="list-style-type: none"> • Planned Strategy: Competitive (C); Limited Competition (LC); Small Business Set-Aside (SBSA); Sole Source (SS); United States and Canada only (US & Canada); etc. • Contract Action: New Contract (New); Delivery/Task Order (Order); Modification (Mod); Option • Contract Type: Includes Indefinite Delivery/Indefinite Quantity (IDIQ), Other Transaction Authority (OTA); <u>and</u> Firm Fixed Price (FFP); Cost Plus Fixed Free (CPFF); etc. • Standard Study Number (SSN): Includes either the corresponding number or Foreign Military Sales (FMS) 							
AA40 5.56mm Frangible	\$22.0	E04610	F&OC	Order	FFP	Jul-25	N
Medium Caliber NRE	\$0.2	N/A	F&OC	New	IDIQ/FFP	Jul-25	N
Second Source, 5.56mm 7.62mm Cal .50	TBD	Multiple	US/Canada only	New	IDIQ/FFP	Jul-25	Y
30mm MK258 (Navy)	\$8.7	E09292	LC	Order	FFP	Jul-25	N
30mm MK266	\$11.6	N/A	LC	Order	FFP	Jul-25	N
Large Cal Support	\$0.8	N/A	SBSA	Order	FFP	Aug-25	N
12 Gauge Door Breaching	\$0.1	E92100	F&OC	Order	FFP	Aug-25	N
PA125	\$6.4	N/A	SS	Order	FFP	Aug-25	N
30mm Tubes and Straps	\$0.5	Multiple	FAR 8.7	Order	FFP	Aug-25	N
30mm MK258 (Army)	\$18.8	E09292	LC	Order	FFP	Aug-25	N
30mm MK238	\$6.3	E07406	LC	Order	FFP	Aug-25	N
M433E1	\$106.5	E12601	SS	Order	FFP	Sep-25	N

JPEO Armaments & Ammunition
Business Opportunities for FY25 - 1QFY26
Project Lead Joint Services (PL JS)

Program/ Item/ Description	FY25 Dollars (\$M) (FY25 Pres Budget Request) / SSN	Planned Strategy	Contract Action	Contract Type	Anticipated Final RFP Release Date (month/FY)	Draft RFP Y/N	Industry Day Y/N
<ul style="list-style-type: none"> • Planned Strategy: Competitive (C); Limited Competition (LC); Small Business Set-Aside (SBSA); Sole Source (SS); United States and Canada only (US & Canada); etc. • Contract Action: New Contract (New); Delivery/Task Order (Order); Modification (Mod); Option • Contract Type: Includes Indefinite Delivery/Indefinite Quantity (IDIQ), Other Transaction Authority (OTA); and Firm Fixed Price (FFP); Cost Plus Fixed Free (CPFF); etc. • Standard Study Number (SSN): Includes either the corresponding number or Foreign Military Sales (FMS) 							
HSAAP - PAX-3 Production G Building Modernization & Construction	\$9.8	EP1000	SS	Order	FFP	Nov-24	N
IAAAP - Future Artillery Complex (FAC) - Construction	\$532.8	EP1000	SS	Order	FFP	Jan-25	N
SCAAP QWE - Production Shop Bathroom Upgrades	\$3.5	EP1000	SS	Order	FFP	Feb-25	N
HSAAP - Electrical Upgrades (ARMS)	\$1.0	EP2500	SS	Order	FFP	Feb-25	N
RFAAP - Helene Supplemental Repairs	\$125.1	EP1000	SS	Mod	FFP	Mar-25	N
LCPP - Manufacture of PBX Compositions by Spray Drying	\$0.2	0605805A	SS	Mod	FFP	Mar-25	N
SCAAP - Subway Fans	\$0.6	EP1000	SS	Order	FFP	Mar-25	N
RFAAP - Facility Use Operations and Production	TBD	EP1000	F&OC	New	FFP	Apr-25	N
PL JS Construction (Design-Build) Modernization MATOC	\$10,000.0	EP1000	F&OC	New	FFP	Apr-25	Y
IMX-104 Production Capacity	TBD	EP1000	SS	Order	FFP	Apr-25	
SCAAP - Forge Shop Roof Repairs	\$5.0	EP1000	SS	Order	FFP	May-25	N
QCCCF Facility - Property Management and Operations	TBD	EP1000	NTIB	New	FFP	May-25	N
LCAAP - NGSW-A Equipping	\$62.4	EP1000	SS	New	FFP	Sep-24	N
HSAAP - Drying Energetics Building & Automatic Fire Suppression System: Construction	\$5.2	EP1000	SS	Order	FFP	TBD	N
HSAAP - Lacquer Prep Design	TBD	EP1000	SS	Order	FFP	TBD	N
IAAAP - Building 300-148/1-85-2 Restroom and Breakroom	\$0.6	EP1000	SS	Order	CPFF	Sep-25	N
LCAAP - One Way Luminescence (OWL) 7.62/5.56	\$35.0	EP1000	SS	Mod	FFP	Sep-25	N
LCAAP - Reduced Range Ammunition 7.62	\$57.0	EP1000	SS	Mod	FFP	Sep-25	N

JPEO Armaments & Ammunition
Business Opportunities for FY25 - 1QFY26
Project Lead Joint Services (PL JS)

Program/ Item/ Description	FY25 Dollars (\$M) (FY25 Pres Budget Request) / SSN	Planned Strategy	Contract Action	Contract Type	Anticipated Final RFP Release Date (month/FY)	Draft RFP Y/N	Industry Day Y/N	
<ul style="list-style-type: none"> • Planned Strategy: Competitive (C); Limited Competition (LC); Small Business Set-Aside (SBSA); Sole Source (SS); United States and Canada only (US & Canada); etc. • Contract Action: New Contract (New); Delivery/Task Order (Order); Modification (Mod); Option • Contract Type: Includes Indefinite Delivery/Indefinite Quantity (IDIQ), Other Transaction Authority (OTA); <u>and</u> Firm Fixed Price (FFP); Cost Plus Fixed Free (CPFF); etc. • Standard Study Number (SSN): Includes either the corresponding number or Foreign Military Sales (FMS) 								
LCAAP B121 Series Roof Asbestos Encapsulation	\$14.7	EP1000	SS	Order	FFP	May-25	N	N
LCPP - Byproduct Synergy: Manufacturing from HSAAP Waste Streams (Process scale up of ANSOL waste to key ammunition ingredients)	\$2.1	0605805A	SS	Order	TBD	Jun-25	N	N
PL JS - Project Management Support Contract	TBD	EP1000	SBSA-8a SS	New	FFP	Aug-25	N	N
SCAAP - Electrical System Upgrades, Phase 1 Definitization	\$1.9	EP1000	SS	Mod	FFP	Aug-24	N	N
LCPP - By-product synergy / chemical endurance	TBD	(0605805A)	TBD	New	TBD	Oct-25	N	N
LCPP - Improved producibility & manufacturability for L/A/P mortars and artillery	TBD	0605805A	TBD	New	TBD	Oct-25	N	N
LCPP - Expand automation capabilities for L/A/P operations to enhance operator safety	TBD	0605805A	TBD	New	TBD	Nov-25	N	N
LCPP - Manufacturing technologies for energetics for rapid insertion into the Industrial Base	TBD	0605805A	TBD	New	TBD	Nov-25	N	N
LCPP - Identify cost mitigation strategies for industrial base utilities	TBD	0605805A	TBD	New	TBD	Dec-25	N	N
RFAAP - Electrical Distribution System Upgrades IV	\$27.8	EP1000	SS	Order	FFP	TBD	N	N

Appendix B



DEVCOM
ARMAMENTS
CENTER

COMBAT CAPABILITIES DEVELOPMENT COMMAND ARMAMENTS CENTER

OVERVIEW

The DEVCOM Armaments Center (AC), headquartered at Picatinny Arsenal, New Jersey, within the U.S. Army Combat Capabilities Development Command or DEVCOM, is the “Center of Mass” and the principal design authority for the Armaments and Ammunition systems in support of Joint Services. The DEVCOM AC with over 4,000 civilian engineers, scientists, military and support personnel provides over 90% of the Army’s lethality technologies, focusing on weapons, explosives, warheads, ammunition, and fire control systems which are used every day by U.S. warfighters.

OBJECTIVES

A strategic objective of the DEVCOM Armaments Center is to establish and leverage partnerships with industry, academic institutions, and other government organizations that support our mission. We have over 115 specialized laboratory and testing facilities

which are available for industry use by setting up agreements for testing and engineering services. Further, the Armaments Center works to transfer the results of Federal R&D investment to the industrial base as we have more than 120 active Cooperative Research and Development Agreements (CRADAs), most with defense suppliers. We have found CRADAs and other alternatives to traditional Federal Acquisition Regulation contracts to be valuable tools for accelerating the transition of technology innovation at all stages of the Defense Acquisition Life Cycle. We also excel in integrating weapon systems and software engineering using mature and efficient processes and procedures which span the full lifecycle activities. The Armament Center’s Software Engineering Center has maintained CMMI Level 5 certification continuously for over a decade providing optimized software architecture for armaments systems.



FOR FURTHER INFORMATION:

U.S. ARMY COMBAT CAPABILITIES DEVELOPMENT
COMMAND ARMAMENTS CENTER

FCDD-ACD-CWR / Building 93
Picatinny Arsenal, NJ 07806-5000
973-724-6364

POINTS OF CONTACT
Strategic Technology Investment Office
973-724-0206

COMBAT CAPABILITIES DEVELOPMENT COMMAND ARMAMENTS CENTER

CURRENT S&T FOCUS AREAS

- Partnered across Army/Joint Services, Industry & Academia, developing fieldable system solutions
- Transitioning S&T investment across life-cycle to resolve Operational Gaps & Transform Army capabilities
- Enhancing Combat System Readiness across calibers and platforms via Technology Spiral Insertions

Fires – Field Artillery

- Extended Range Artillery Munition Technologies
- Multi-Domain Cargo payloads
- Automated Rearm / Resupply
- Cannon tube technologies
- Munition-based MDO effects
- Collaborative engagements, dynamic targeting & terminal sensing / prioritization



Ground Combat

- Adv. Lethality 50mm Armament
- Scenario Based enhanced fire control capability across calibers
- Sensor to Shooter Decision Aids
- Platform agnostic remote weapon stations
- Multi-role terrain shaping obstacles



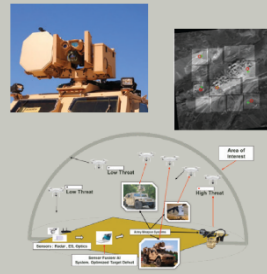
Aviation

- Advanced Counter Measures for complex threats
- Advanced Fire Control software
- Lightweight stabilized door gun mount



Fires – Air Defense

- Technologies and integrated kinetic solutions for affordable defeat of swarming UAS



Soldier

- Next Gen Family of Ammo
- Advanced Small Arms Fire Control
- Joint Services small arms
- Extended Range Mortar Technologies



Lethality Enabling

Critical Cross-Cutting Lethality Tech across platforms, calibers & mission (Energetics, Warheads, Fuzing Precision, Autonomy, and Materials)



FUTURE ARMAMENTS TECHNOLOGIES OF INTEREST

WEAPON SYSTEMS

- Attributable armament systems
- Optionally autonomous weapon systems
- Counter-UAS / swarm defense
- Remote, robotic & optionally manned systems (HMI-F)
- Signature reduction
- Non-Volume suppressive effects
- Adaptive terrain shaping systems

MUNITIONS

- Collaborative seeking munitions / submunitions
- Adaptive Countermeasures
- Agile warhead concepts
- Munition-delivered sensors / non-kinetic effects
- MDO / Multi-mode submunitions
- Dynamic re-targeting
- Assured PNT for GPS denied environments
- Munition concepts for surge capacity

FIRE CONTROL

- AI-enabled / collaborative fire control
- Supervised autonomy
- Advanced ballistic algorithms
- Photonics solutions for fire control
- Soldier aim augmentation
- Tactical data collection and processing

ENABLING

- Tunable Effects
- Contested logistics & resupply
- Alternative materials / sources / manufacturing methods
- Advanced materials / point of need manufacturing
- MOSA, digital eng & predictive analytics
- Design for demil / reduced lifecycle environmental impact

