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Program
Executive
Office Missiles
and Space

Huntsville Aerospace Marketing Association

Presented by
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PEO MS DASM / FID

14 APRIL 2023

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Any Warfighter - Anywhere - All The Time

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MISSION AND VISION



Mission: Develop, field, and sustain Defensive and Offensive Integrated Fires Capabilities in support of all phases of Joint- and All-Domain operating environments by 2030 and continuing beyond.

Vision: PEO MS supports the Fires Enterprise with an aligned organization that is agile, versatile, efficient, and responsive, centered around an empowered and professional acquisition workforce. We remain an indispensable acquisition leader in streamlined processes and innovative solutions to deliver integrated offensive and defensive fires materiel solutions to the Warfighter and our allies/partners to defeat the threats.

Message from the Program Executive Officer

The central challenge facing the United States today is the reemergence of long-term, strategic competition by near-peer competitors, coupled with rapid technological advancements, the changing character of war, and the lack of U.S. dominance in all operating domains. The Army is modernizing key capabilities, updating its doctrine, and realigning its organizational design in order to field a force capable of conducting and winning Multi-Domain Operations (MDO).

PEO Missiles and Space initiated organizational and workforce changes, by realigning our portfolio to provide a rapid and iterative approach to capability development that reduces cost, technological obsolescence, duplication effort, and acquisition risk. The realigned portfolio increases the speed of delivery, enables design tradeoffs in the requirements process, expands the role of Warfighters throughout the acquisitions process, and uses non-traditional suppliers. This approach – a major departure from previous practices and culture – allows for rapid response to changes in the operational environment and complicates competitors' abilities to offset our systems.

Moving forward, PEO Missiles and Space will continue to improve operations to better meet the needs of the nation and the objectives of the Army.



BG Frank Lozano
United States Army
Program Executive Office
Missiles and Space



U.S. ARMY

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PEO MS BY THE NUMBERS



6

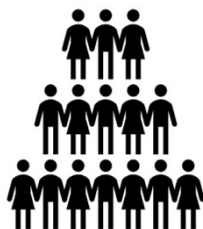
**Project
Management
Offices**

Workforce

± **500** Core

± **650** Matrix

± **850** Contractors



± **2000**

41 **Programs of Record**

Acquisition Category (ACAT)

15 ACAT I

10 ACAT II

12 ACAT III

1 **Pre-Major Defense Acquisition Programs**

Maneuver-Short Range Air Defense (M-SHORAD)

1 **Pre-Acquisition Program**

Long Range Precision Munitions (LRPM)

2 **Middle Tier Acquisition**

Lower Tier Air and Missile Defense Sensor (LTAMDS)

Interim Indirect Fire Protection Capability (IFPC)



FY23*
\$5.9B

*Total to Date

621 **Active Foreign
Military Sales**



54 **Countries with
a Case Value**

\$72.5B

**Presidential
Budget Request**

FY23

\$8.3B

30 **Operational Needs
Statement/Joint Urgent
Operational Needs Statement in**

FY22

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PORTFOLIO



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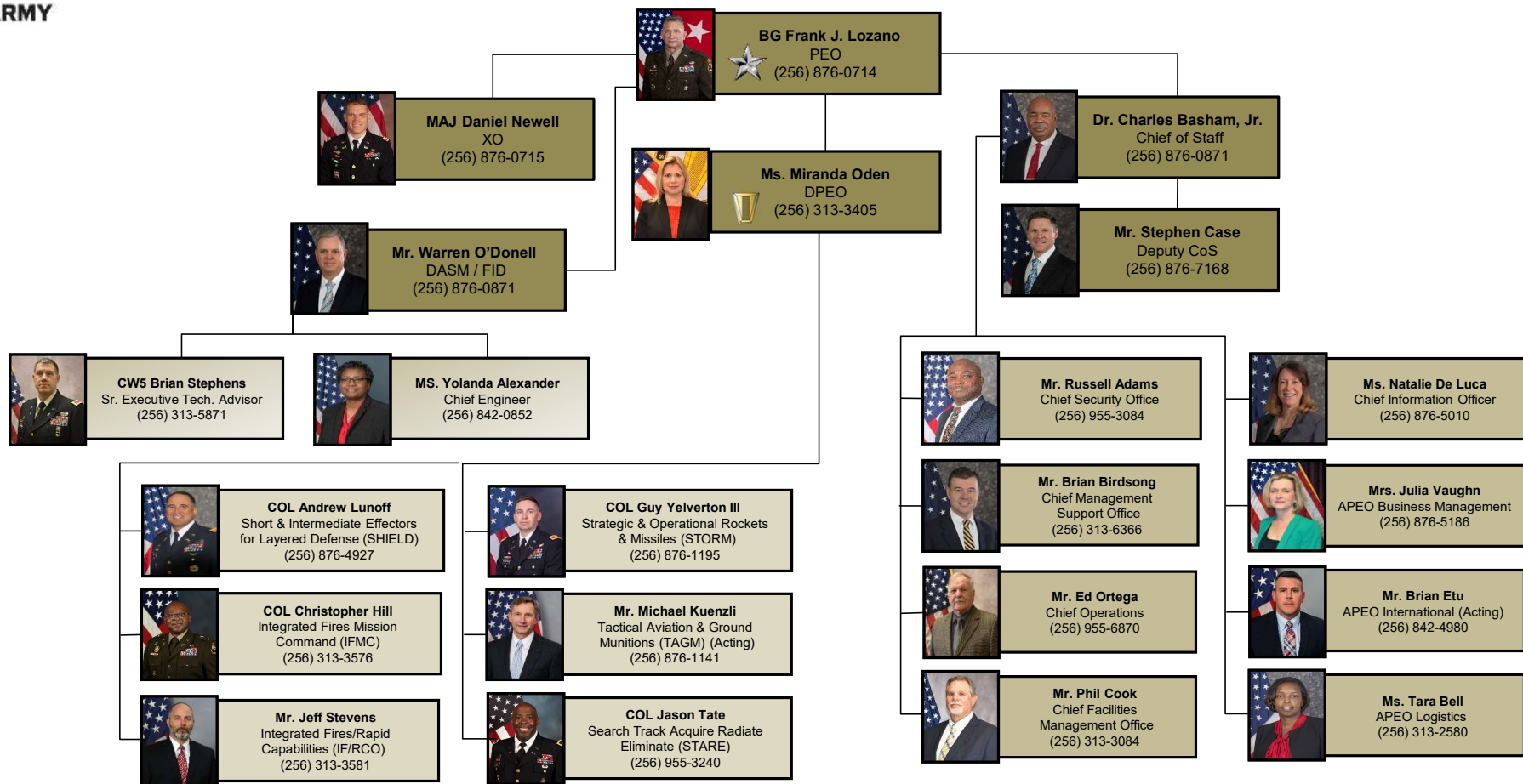
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As of 02/15/2023



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ORGANIZATION CHART





ENGAGING PEO MS



- Explain where you fit in your organization...not who you know or where you came from.
- If I did not call or you are not responding to a solicitation, do not ask me where you can provide value to the PEO.
- Understand your company.
- How various business models should consider approaching any PEO:
 - Human Capital Management – hire quality people who do more than asked without micro-management...fill organizational gaps.
 - Service Providers – how are you going to make the enterprise better...provide specifics.
 - Primes and Major Subs – consider coordinating your initiatives with the material development team that would execute the effort before engaging COCOMs, Agency, Service, OSD, and Congressional. Initiatives always circle back to the PEO...always.
- Feel free to provide external examples of your product/service but take the time to research and provide an example of how your widget specifically fits within the PEO's ecosystem.
- If you bring it up, you should be prepared to discuss details.
- Understand your audience and be versatile enough to discuss topics without a chart deck.
- Follow up on your commitments.
- Recognize when to cut bait.



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Competitive Contracting Opportunities

Title/ Requiring Activity	Objective	Status/ Schedule
IFRCO, Systems Engineering and Technical Assistance (SETA) Division: CCAM-SM	<ul style="list-style-type: none">• Integrated Fires Rapid Capabilities Office SETA Support is to provide Technical, Logistics, and Program Management support to the Integrated Fires Rapid Capabilities Office (IFRCO).• Task order anticipated for competition within the GSA OASIS or AMCOM EXPRESS contract.• PoP: 12-month Base Period with (4) 12-month Option years• Estimated Value: \$468M• NAICS code: 541330, Engineering Services	<ul style="list-style-type: none">• RFI release 4QFY23• RFI closing 1QFY24• RFP release 2QFY24• RFP closing 2QFY24• Target award NLT May 2024
IFMC, Systems Engineering and Technical Assistance (SETA) Division: CCAM-SM	<ul style="list-style-type: none">• The SETA Support Follow-On contract is to provide Technical, Logistics, and Program Management support to the Integrated Fires Mission Command (IFMC) Project Office.• Task order competition within the GSA OASIS Small Business Pool 4 contract• PoP: 2 Year Base plus 3 one-year options• Estimated Value: \$608M• NAICS code: 541715, Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	<ul style="list-style-type: none">• RFI release Dec 21• RFI closing Jan 22• Draft RFQ release 13 Mar 23• Draft RFQ closing 27 Mar 23• Final RFQ release 21 Apr 23• Final RFQ closing 26 May 23• Target award 1QFY24



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Competitive Contracting Opportunities

Title/ Requiring Activity	Objective	Status/ Schedule
SHIELD, IFPC Inc 2, 2 nd Interceptor Division: CCAM-LTC	<ul style="list-style-type: none">• The Army intends integration of a 2nd interceptor with the current IFPC Inc 2 system launcher using an open system architecture to counter supersonic cruise missile and large caliber rocket threats.• Estimated Value: TBD• NAICS code: 336414, Guided Missile and Space Vehicle Manufacturing	<ul style="list-style-type: none">• RFI release 12 Jan 23• RFI closing 13 Feb 23• RFQ release TBD• RFQ closing TBD• Target award 2QFY25
SHIELD, Maneuver Short Range Air Defense Increment 3 (M- SHORAD Inc. 3) Division: CCAM-MZB	<ul style="list-style-type: none">• The Army intends to execute a competitive Other Transaction Authority (OTA) for the design, development, and test of a prototype soldier-portable surface-to-air missile system referred to as the Next Generation Short Range Interceptor (NGSRI).• Improve upon performance of the current Stinger missile for the Army's Maneuver-Short Range Air Defense (M-SHORAD) system.• Estimated Value: TBD• NAICS code: 336414, Guided Missile and Space Vehicle Manufacturing	<ul style="list-style-type: none">• RFI release 28 Mar 22• RFI closing 29 Apr 22• RFQ release 3 Apr 23• RFQ closing 15 May 23• Target award 3QFY23

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Questions?

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BACK-UP

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INTEGRATED AIR AND MISSILE DEFENSE BATTLE COMMAND SYSTEM (IBCS)



System Description/Capabilities:

- Integrated Fire Control across 150 km battlespace for legacy and future AMD sensors and shooters.
- Enables Scalable and Tailorable Force Packages.
- Joint integration at all Army AMD echelons.
- Reduces training requirements and Logistics footprint.
- Completely Open Architecture system.

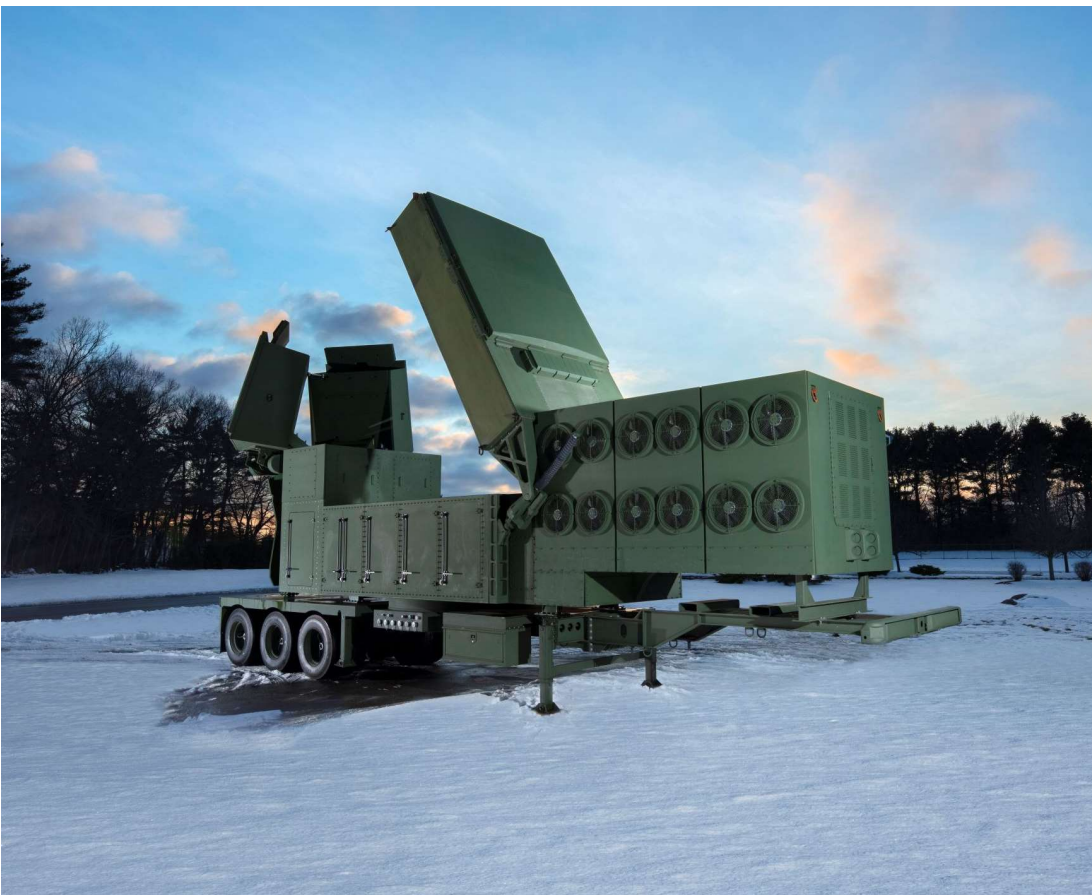
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LOWER TIER AIR AND MISSILE DEFENSE SENSOR (LTAMDS)



System Description/Capabilities:

- Provides a significant increase in range and coverage capability over current PATRIOT Radar
- A Multi-Function Fire Control Radar providing a lower tier sensor to the Army Integrated Air and Missile Defense Battle Command System (IBCS)
- Tracks and engages Air Breathing Threats (ABT) and Tactical Ballistic Missiles (TBM)
- Precision Track (Fire Control Quality) / Surveillance
- ABT Non-Cooperative Target Recognition (NCTR)
- Acquire, track, and control PATRIOT Family of Interceptors.

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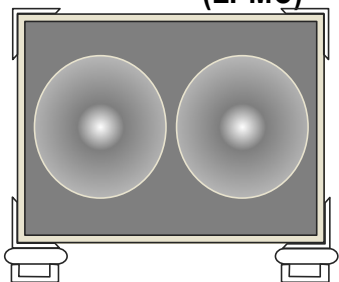


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PRECISION STRIKE MISSILE (PRSM) INCREMENT 1: BASELINE MISSILE



New Launch Pod Missile Container
(LPMC)



Two Missiles Per Pod

- Doubles volume/rate-of-fire
- Halves logistics footprint
- Replaces Army Tactical Missile System (ATACMS)

Compatible with Current
Launchers



M270A2



High Mobility Artillery Rocket
System (HIMARS) M142

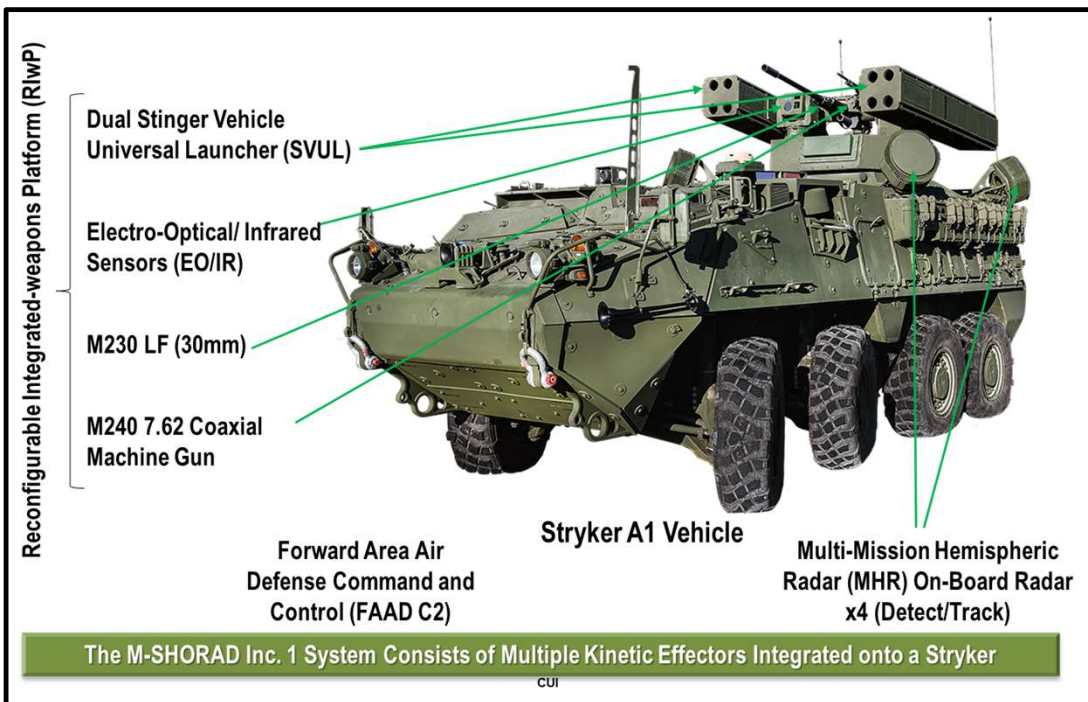
System Description/Capabilities:

- 400+km ballistic missile with a cluster munition compliant payload
- Attacks critical and time sensitive area and point targets
- Maintains or improves accuracy in GPS degraded environments; plan for M-Code GPS integration
- An Insensitive Munition compliant system
- Launcher compatibility with MLRS M270A2 and M142 High Mobility Artillery Rocket System (HIMARS)
- Technology upgrades via Open Systems Approach
- Cyber survivability requirements identified in validated CDD

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MANEUVER-SHORT RANGE AIR DEFENSE (M-SHORAD) INCREMENT 1



System Description/Capabilities:

- Uses an incremental acquisition approach to provide short range air defense capability at the Division
- Utilizes a mix of guns, missiles, and an onboard sensor -- integrated on a Stryker platform
- Protects maneuver forces by defeating, destroying, or neutralizing threat rotary-wing (RW), fixed-wing (FW), and unmanned aircraft systems (UAS) capabilities

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M-SHORAD INCREMENT 3 NEXT GENERATION SHORT RANGE INTERCEPTOR



System Description/Capabilities:

- Next Generation Short Range Interceptor is a new Soldier-portable missile that provides Short Range Air Defense for maneuver units. It supports M-SHORAD Inc 1 platforms and other future increments as determined by the Army
- Includes improved 30 mm ammo for Inc. 1 platforms providing added defense against threat Groups 1&2 UAS and self-defense capability against ground targets.

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INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2 (IFPC INC 2)



Existing US Components (Must Use)

- Radar: Sentinel
- Mission Command/Commander and Control: IBCS

Vendor Supplied

- Launcher
- All-up Round Magazine for Interceptor
 - * All components Integrated w/IBCS

System Description/Capabilities:

- A mobile, ground-based weapon system designed to defeat Cruise Missiles (CM), Group 2/3 Unmanned Aircraft Systems (UAS), Rockets, Artillery, and Mortars (RAM) and Other aerial threats.
- Uses Sentinel radar and IBCS for mission command functionality.
- Features a modular open system architecture to integrate future kinetic effectors to defeat Super Sonic CM, Large Caliber Rockets, and other Advanced threats.

