U.S. Army Space
and Missile Defense
Command

USASMDC

21 March 2023

U.S.ARMY

Disclaimer

DISCLAIMER

This briefing document provides acquisition forecast information for the USASMDC. The forecast is for informational, marketing and/or planning purposes only and subject to change. Dates provided are only approximate.

This forecast information does not constitute a specific offer or commitment by USASMDC to fund in whole or in part any of the procurements referenced herein.

Title V, of Public Law 100-656, and United States Code Title 15, Section 637(a)(12), requires that Federal agencies make available its procurement forecast to the Small Business Administration and to interested business owners; the forecast information listed or briefed is not intended to be all-inclusive.

This forecast does not replace the General Services Administration SAM.gov notice system (https://sam.gov/) for formal Federal Acquisition Regulation Part 15 solicitation opportunities; for such opportunities, you may monitor USASMDC requirements by searching on “W9113M” and “W91260” on the GSA SAM.gov website. Questions should be directed to the assigned contracting officer at the appropriate solicitation phase for a given acquisition.

-END OF NOTICE-

People First

LTG Daniel Karbler
Commanding General, USASMDC

CSM John W. Foley
Command Sergeant Major, USASMDC

Mr. Richard De Fatta
Deputy to the Commander USASMDC

BG Isaac J. Peltier
Deputy Commanding General for Operations, USASMDC

COL Scott Dellinger
Chief of Staff, USASMDC

Mr. Michael Krause
Acting Director, Technical Center, USASMDC

Mr. Timothy F. Bishop
Director, Space and Missile Defense Center of Excellence, USASMDC

COL Joe Paladino
Commander, 100th Missile Defense Brigade (Ground-based Midcourse Defense)

COL Donald K. Brooks
Commander, 1st Space Brigade

COL Mark A. Cobos
Joint Functional Component Command for Integrated Missile Defense (JFCC IMD)

People First
Reagan Test Site (RTS)

COL Juan Santiago
Director, Reagan Test Site

LTC Casey A. Rumfelt
Range Director

USAG - KA

COL Thomas S. Pugsley
U.S. Army Garrison-Kwajalein Atoll

COL Drew Morgan
U.S. Army Garrison-Kwajalein Atoll

USAG – Ft Greely

LTC Joey E. Orr
Commander,
US Army Ft Greely AK

Overview

LTG Daniel Karbler
Commanding General, USASMDC

CSM John W. Foley
Command Sergeant Major, USASMDC

Mr. Richard De Fatta
Deputy to the Commander, USASMDC

USASMDC develops and provides current and future global space, missile defense, and high altitude capabilities to the Army, joint force, and our allies and partners, to enable multi-domain combat effects; enhance deterrence, assurance, and detection of strategic attacks; and protect the Nation.

USASMDC

Senior Commander

JFCC IMD

1st Space Brigade

100th Missile Defense Brigade (GMD)

SMD Center of Excellence

Technical Center

Mission Areas

- ASCC/Operational Support
- Service Activities
- Army Proponency

Priorities

1. Accomplish our mission as a People First team of empowered, innovative, ready and resilient professionals
2. Provide trained and ready forces for space, missile defense, and high altitude missions
3. Conduct integrated planning and synchronized operations in the execution of our space and missile defense missions
4. Prepare for future conflict

Other CG Roles & Responsibilities

- Commander, Joint Functional Component Command for Integrated Missile Defense (JFCC IMD)
- Senior Commander for U.S. Army Garrison-Kwajalein Atoll and Fort Greely, AK
- Army Air and Missile Defense Enterprise Integrator
- Personnel Developer, Functional Area 40 Space Operations Officers

U.S. Army Space and Missile Defense Command

Why Army Space and High Altitude

Army space is *land-centric*, providing scalable and mobile, expeditionary, and forward-postured forces in contested and austere environments that are capable of keeping pace with maneuver forces in support of MDO. Army space integrates on-orbit and high altitude capabilities to provide effects through the air and space domains, and interdicts adversary space and high altitude capabilities in support of land and joint operations.

Pillars

- Integration of joint space capabilities to meet Army needs; e.g., APNT, communications, environmental monitoring, ISR, targeting
- Interdiction of adversary space capabilities; e.g., counter-SATCOM, counter-surveillance and reconnaissance, and NAVWAR

Examples of Enduring and Conceptual Army Space Capabilities

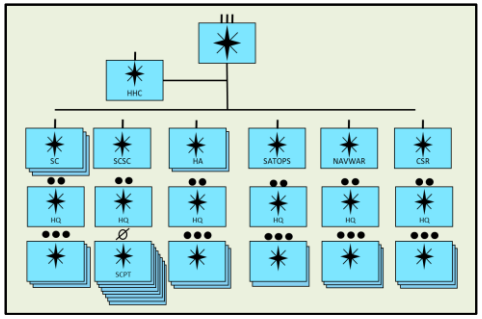
Ground mobile surveillance and assessment of space systems to negate adversary use of SATCOM

Future capabilities must include expeditionary, maneuverable platforms to remain relevant on the modern battlefield

Ground-based directed energy platforms to conduct counter-surveillance and reconnaissance

Munition-deployed PNT jammers (artillery or high altitude balloon deployed) disrupt adversary C2 and A2AD

High altitude balloon systems and long endurance, semi-autonomous, flight controlled platforms provide redundant space-like capabilities and increase resiliency of the overall space architecture



Theater Strike Effects Group (TSEG): Theater Army force that integrates joint space capabilities and interdicts adversary space capabilities to set and shape the theater

Army Space amplifies the lethality and deterrent effect of our ground combat forces.

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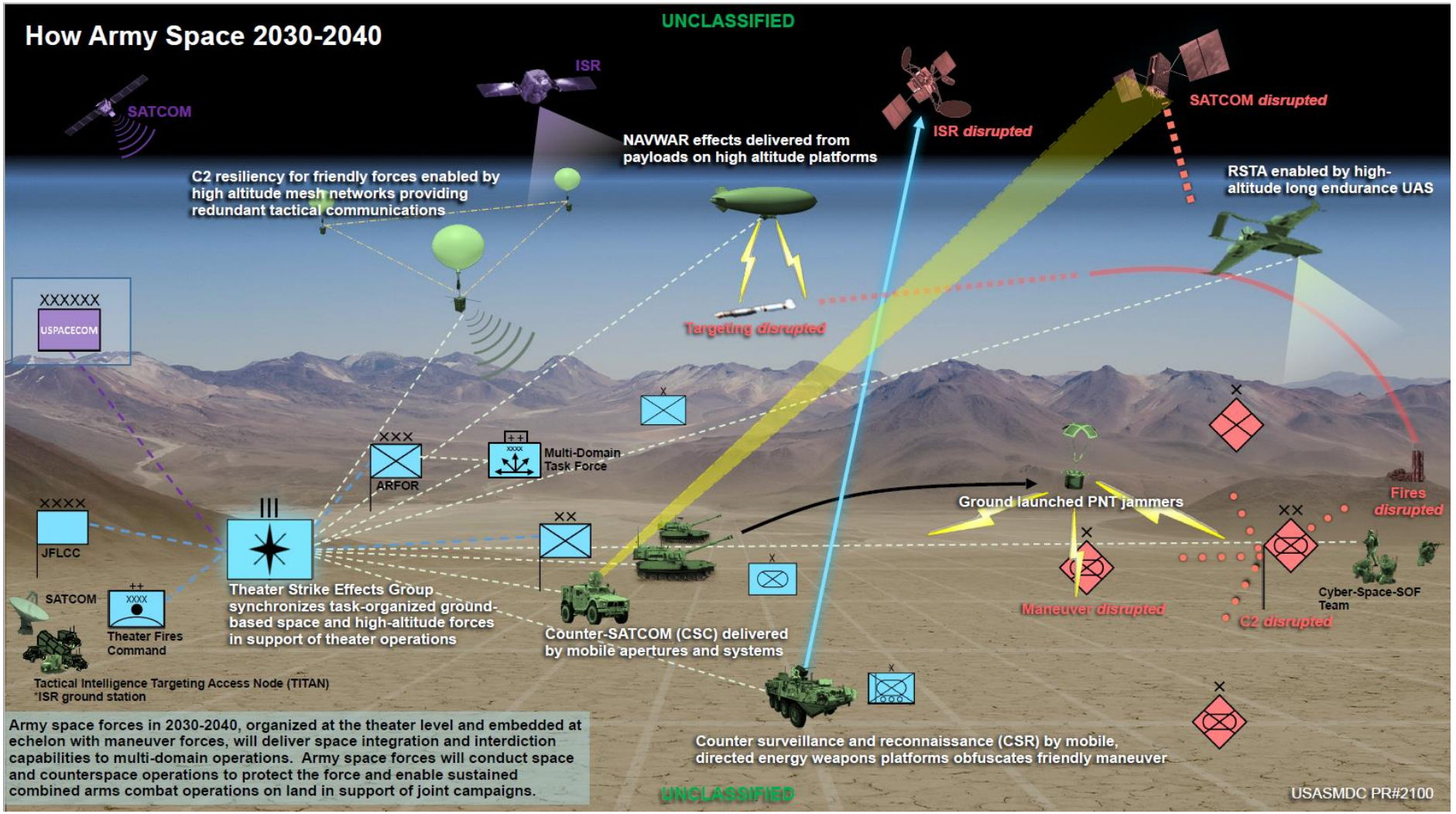
How Army Space 2030-2040



U.S. Army Space and Missile Defense Command

SMD Center of Excellence

Mr. Timothy Bishop
Director, SMD
Center of Excellence

COL David J. Mulack
ACM-SHA

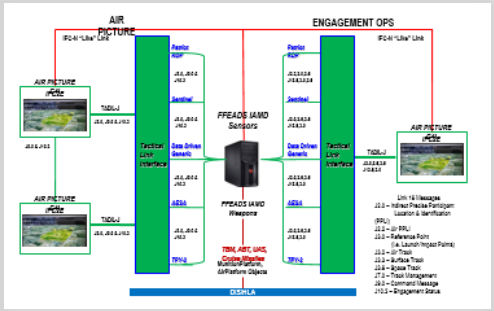
COL Thomas M. Noble
ACM-SMD

Capability Development | Capability Integration | Training & Doctrine | Personnel Development

Simulation Center

High Altitude Balloon (HAB)

Space Wargame Analysis Tool (SWAT)



Future Force Experimentation Air Defense Systems (FFEADS)

Extended Air Defense Simulation (EADSIM)

Cyber Hardening Integration Lab (CHIL)

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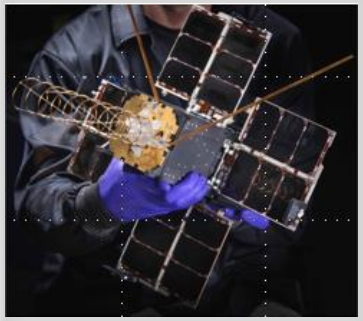
Technical Center

Mr. Michael Krause
Acting Director, TC

Mr. Corry Cox
Director, Research & Technology, TC

COL Juan Santiago
Director, Reagan Test Site

Zombie Target



GS-J Flight 01

Black Dagger IAMD

Hypersonic Launch

Space and Directed Energy Technology Complex

- **Space**: Environmental Testing, Payload Demonstration, and Assured Position, Navigation, and Timing Labs
- **Directed Energy**: System Integration, Atmospheric Characterization, Beam Control, Laser Lethality, and High Power Microwave Effects Labs
- **Hypersonics**: Aerophysics, Hypersonics System Integration, and Aerothermal Integration Labs

U.S. Army Space and Missile Defense Command's Richard P. De Fatta, Deputy to the Commander; Nicole Olbricht, Technical Center Systems Integration Division chief; Lt. Gen. Daniel L. Karbler, Commanding General; and Michael Krause, Technical Center Acting Director. (U.S. Army photo by Ronald Bailey)

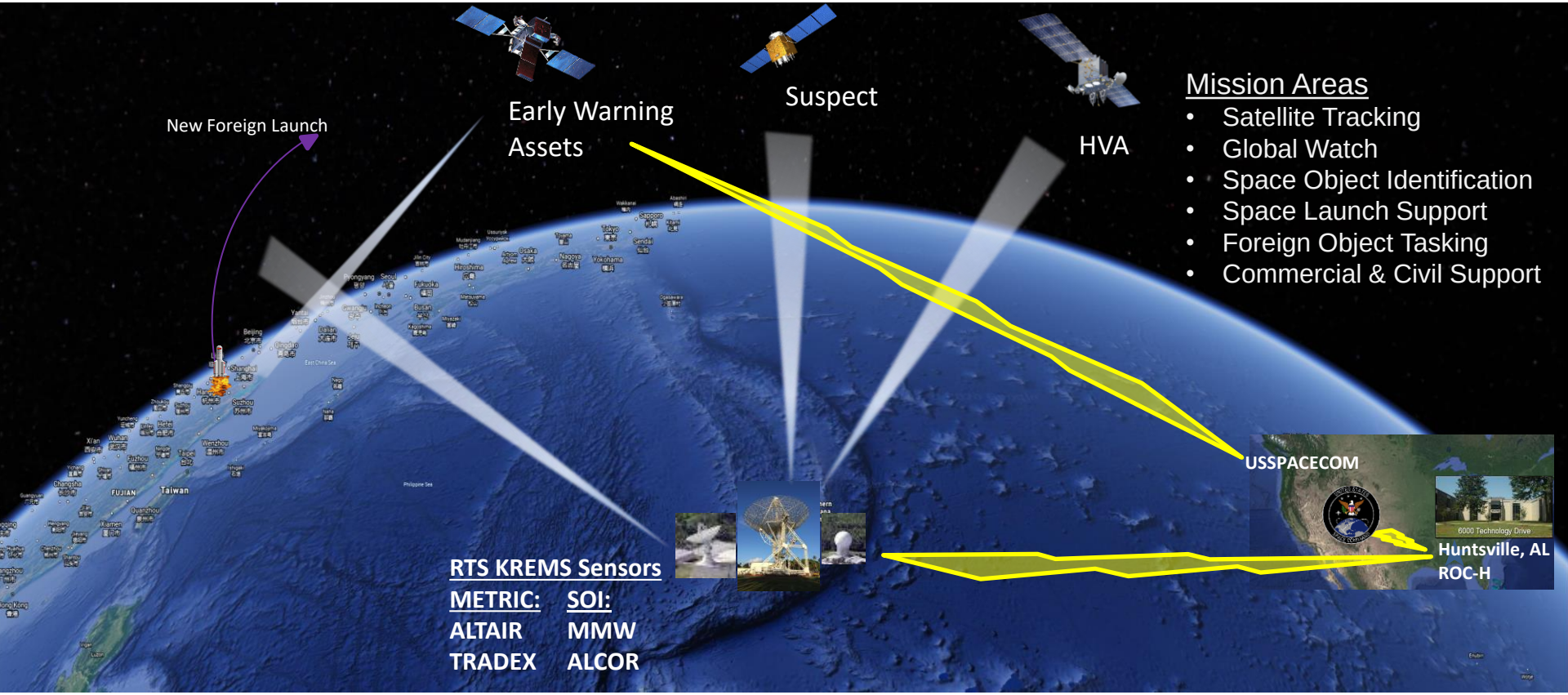
COL Juan Santiago
Director, Reagan Test Site

Reagan Test Site Developmental & Operational Testing

ICBM, Missile Defense, THAAD, PATRIOT, AEGIS, Offensive/Defensive Hypersonics

Supported 6 Developmental and Operational Tests in FY22

RTS Space Operations



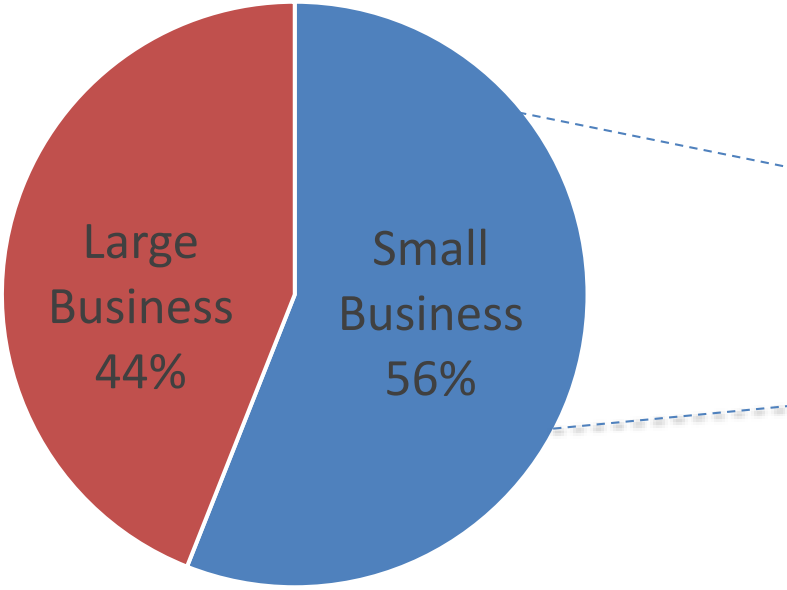
RTS, Space Operations Division (SOPS) conducts space surveillance, space object identification (SOI), and new foreign space launch (NFL) tracking in support of USSPACECOM in order to enable space domain awareness.

U.S. Army Space and Missile Defense Command

USASMDC provides opportunities to Small Businesses

Ms. Mary A. Birdsong
Director, USASMDC Office of Small Business Programs (OSBP)

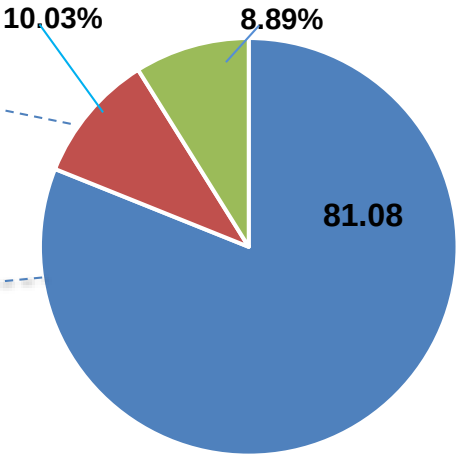
FY22 Goal Achievements



Small Business **Large Business**

Eligible dollars: $594M

Small Business Achievements by NAICS



541712/541715 (RESEARCH & DEVELOPMENT)

541330 (ENGINEERING SERVICES)

ALL OTHERS (561210, 561612, 517919)

For additional information contact https://www.smdc.army.mil/RESOURCES/SBO/

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SMDC Enterprise Contracts Update

Title	Competition	Type	Award Date	Estimated Value / Shared Ceiling	Current Ordering Period End Date/ Anticipated Recompete
Command Information Management Systems (CIMS III)	WOSB-SA	SAIDIQ	2-May-18	$45M	Jan-24
General Service Administration (GSA) One Acquisition Solution for Integrated Services (OASIS) System Engineering and Technical Assistance Support (SETAS)	SBSA	MAIDIQ	2014	$1.9B	Jun-24
Simulation Center	8(a) Set-Aside	Stand-Alone	31-Aug-22	$36M	Aug-26
Environmental Planning, Compliance and Remediation Technical Services (EPCARTS)	SDB / 8(a)	SAIDIQ	30-Jun-17	$48.5M	Dec-22

SMDC Enterprise Contracts Update cont'd (D3I)

Design, Development, Demonstration and Integration (D3I)				
Domain	**Domain 1**	**Domain 2**	**Domain 3**	**Total**
Description	**Space / High Altitude and Missile Defense**	**Information Integration and Data Exploitation**	**Enhanced Warfighter Capabilities**	
Competition	**Full-and-Open (F&O)**	**Small Business Set-Aside (SBSA)**	**Small Business Set-Aside (SBSA)**	
Type: Multiple Award Indefinite Delivery Indefinite Quantity (MAIDIQ)	**MAIDIQ**	**MAIDIQ**	**MAIDIQ**	
Award date	**9 Feb 2017**	**18 Feb 2016**	**17 Dec 2015**	
Shared ceiling	**$2,738,000,000**	**$804,000,000**	**$1,058,000,000**	**$4,600,000,000**
No. Prime Contractors	**8**	**6**	**4**	
Contract Numbers	**W9113M-17-D-0001 – 0008**	**W9113M-16-D-0006 – 0011**	**W9113M-16-D-0001 – 0004**	
Current Ordering Period End Date	**8 Feb 2026**	**17 Feb 2025**	**16 Dec 2024**	
Task Orders performance end date (36 months beyond end of effective ordering period)	**8 Feb 2029**	**17 Feb 2028**	**16 Dec 2027**	

D3I Collaboration

End-to-end test planning, design, development, integration and test execution, as well as flexible launch platforms and unique low-cost, threat-representative target solutions

TACRAM I

Tactical Multi-Band Antenna Trailer Subsystem (TMATS)

Ground Based Radar - Kwajalein (GBR-K) Capability Phased Array – X-Band

Directed energy, High Powered Microwave, laser support

Missile Defense

High Altitude Balloon

FT Greely, AK

RTS Data Analysis Center (RDAC) Improvements and Modernization Projects (mature technologies)

2023 SMDC Contract Opportunities
D3I Follow-on (D3I2)

Title	Description	Projected Acquisition Strategy	Projected Contract Vehicle	Projected Contract Award	Projected Period of Performance	Projected Value
Design, Development, Demonstration and Integration (D3I) - Domain 1 Follow-On	USASMDC has a continuous requirement for a contractual vehicle to fulfill a gap in ability to design, develop, demonstrate and integrate products focused on the development of space, missile defense, high altitude (HA) capabilities, and other requirements that enable the Warfighter to effectively support USSTRATCOM, other Combatant Commands (CCMDs), Department of Defense (DoD), other Services, and other Government agencies.	TBD	TBD	TBD	Over 5 Years	>$1B
Design, Development, Demonstration and Integration (D3I) - Domain 2 Follow-On	USASMDC has a continuous requirement for a contractual vehicle to fulfill a gap in ability to design, develop, demonstrate and integrate products focused on the development of Information Integration and Data Exploitation, and other requirements that enable the Warfighter to effectively support USSTRATCOM, other Combatant Commands (CCMDs), Department of Defense (DoD), other Services, and other Government agencies.	TBD	TBD	TBD	Over 5 Years	>$1B
Design, Development, Demonstration and Integration (D3I) - Domain 3 Follow-On	USASMDC has a continuous requirement for a contractual vehicle to fulfill a gap in ability to design, develop, demonstrate and integrate products focused on the development of Enhanced Warfighter Capabilities, and other requirements that enable the Warfighter to effectively support USSTRATCOM, other Combatant Commands (CCMDs), Department of Defense (DoD), other Services, and other Government agencies.	TBD	TBD	TBD	Over 5 Years	>$1B

2023 SMDC Contract Opportunities cont'd
D3I2 Requests for Information (RFI)

- ✓ **RFI #1 -** Industry feedback on anticipated SB participation goals and inform industry of no sample task orders published 17 NOV 22 with responses due 02 DEC 22
- ✓ **RFI #2** - Industry feedback on labor categories (both domains) published 17 NOV 22 with responses due 09 DEC 22
- ✓ **RFI #3** - Industry feedback on evaluation criteria for Domain 1 published 25 JAN 23 with responses due on 08 FEB 23
- ✓ **RFI #4** – Industry feedback on evaluation criteria for Domain 2 published 07 FEB 23 with responses due on 14 FEB 23

BLUF: We are listening to industry partners in order refine requirements, promote competition, streamline the acquisition process, and have successful resulting contracts

2023 SMDC Contract Opportunities cont'd

Title	Description	Projected Acquisition Strategy	Projected Contract Vehicle	Projected Contract Award	Projected Period of Performance	Projected Value
Environmental Planning, Compliance and Remediation Technical (EPCARTS) II	Provide the US Army Space and Missile Defense Command Environmental Planning, Compliance, and Remediation Technical Services (EPCARTS) to support the world-wide, full spectrum environmental mission to include, but not limited to, ensuring the timely delivery of environmental remediation services, environmental engineer technical support, environmental special studies, and environmental siting support services for USASMDC and its space and missile defense customers. The Deputy Chief of Staff Enginnering (DCSENG) manages USASMDC program requirements for environmental compliance, environmental restoration and remediation, environmental planning under the National Environmental Policy Act (NEPA), and environmental input for siting studies. The DCSENG provides direct environmental engineer support to all warfighting elements of USASMDC to ensure that adequate, timely, and cost-effective support is provided. The DCSEN is also responsible for the coordination of the environmental engineering program requirements with regional DoD organizations, including but not limited to Installation Management Command (IMCOM), to ensure requirements are fully supported to meet mission objectives.	8(a) Sole Source	Stand-Alone	FY23Q2	3-5 Years	>$50M - $100M
Air and Missile Defense Modeling and Simulation Support (AMDMSS)	The contractor shall support the Decision Support Directorate of the U.S. Army Space and Missile Defense Command (USASMDC), Space and Missile Defense Center of Excellence (SMDCoE) in the development of models and simulation for analysis and experimentation of force on force multi domain operations. This effort provides for maintenance & sustainment of the EADSIM baseline, enhancements to EADSIM capabilities, onsite support & operation of EADSIM in studies/experiments/ exercises, and technical assistance with developing models of weapon systems and operation of the simulation. EADSIM is a multi-domain simulation that models theater-level joint and combined Integrated Air and Missile Defense (IAMD) Battle Management Command, Control, Communications, Computers and Intelligence (BMC4I) architectures and weapons systems.	Fair Opportunity	D3I Domain 1	FY23Q4	3-5 Years	>$25M-$50M

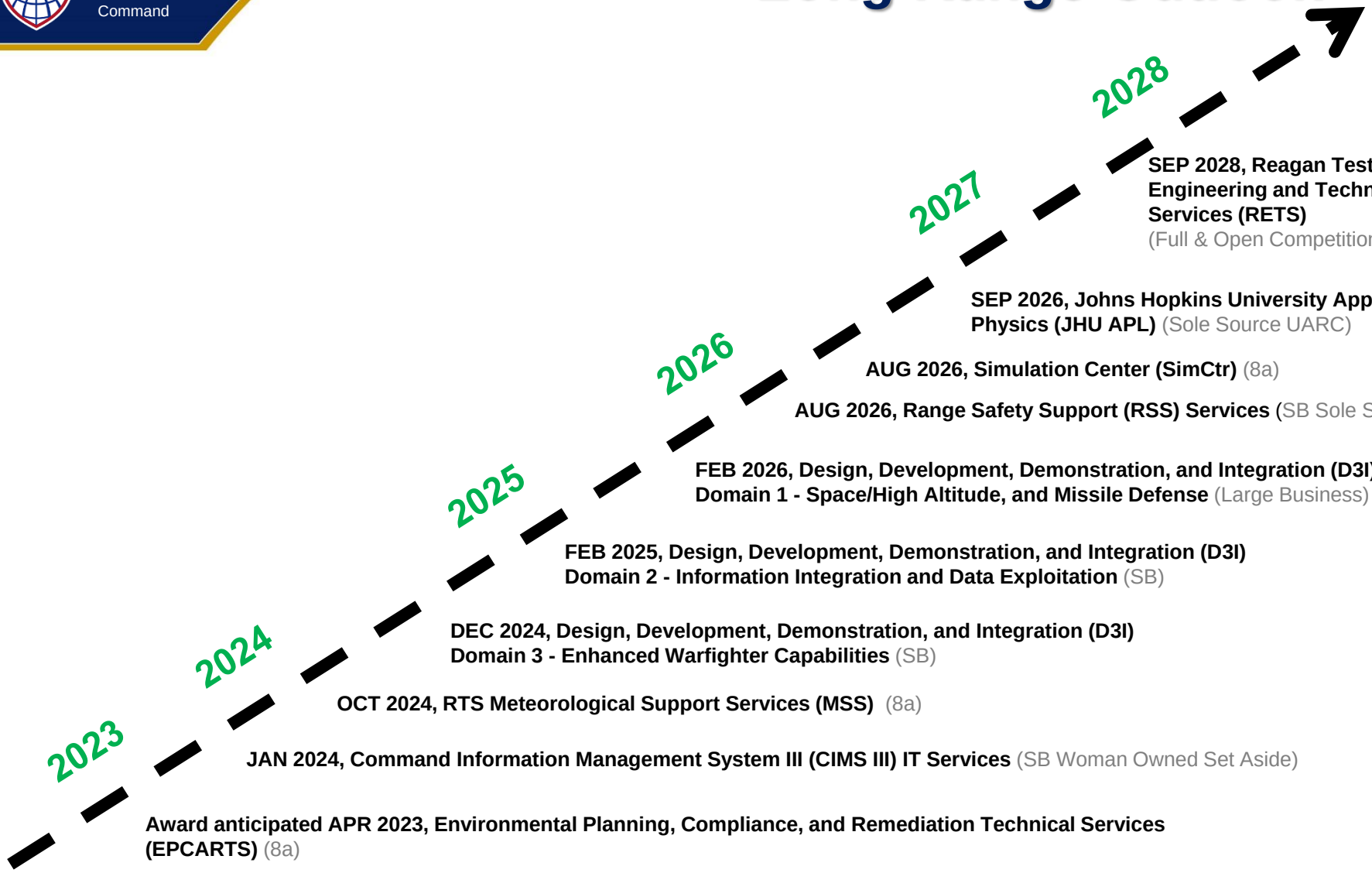
2023 SMDC Contract Opportunities (cont'd)

Title	Description	Projected Acquisition Strategy	Projected Contract Vehicle	Projected Contract Award	Projected Period of Performance	Projected Value
Tactical Range Air Defense Missile (TACRAM) II	Provide pre-test analysis, test planning, design, development, fabrication, integration, launch, and post-test analysis of ballistic missile (BM) targets in support of United States (US) Army Space and Missile Defense Command (USASMDC) Technical Center (TC) Department of Defense (DoD) and US Army test customers.	Fair Opportunity	D3I Domain 1	FY23Q2	3-5 Years	>$50M - $100M
Advanced Directed Energy Technologies at Space and Missile Defense (ADET-SMDC)	The Technical Center Directed Energy Directorate is requesting a follow-on task order (TO) for the current D3I Domain 3 TO, Advanced Technologies for High Energy Laser Applications (ATHELA) which expires on 02 July 2023. The follow-on effort titled, Advanced Directed Energy Technologies at Space and Missile Defense Command (ADET-SMDC) will furnish the Government all necessary labor, non-personal services, supplies, equipment, and materials associated with the development of advanced high energy laser (HEL) and directed energy weapon system related technologies that are currently at lower technology readiness levels, but with significant potential for improvement in performance, size, weight, power, and fieldability into existing and future Army directed energy weapon systems.	Fair Opportunity	D3I Domain 2	FY23Q4	3-5 Years	>$50M - $100M

2023 SMDC Contract Opportunities (cont'd)

Title	Description	Projected Acquisition Strategy	Projected Contract Vehicle	Projected Contract Award	Projected Period of Performance	Projected Value
Manufacturing Advancements in Components for Directed Energy (MACDE)	The Technical Center Directed Energy Directorate (DED) is submitting a follow-on task order request under D3I D3. The primary objective of MACDE (TORP 3-2202) is to enhance and improve the state of Industrial Base Capability in Directed Energy Technologies by advancing the manufacturing science & technology of High Energy Laser and/or High Power Microwave components, sub-assemblies, and subsystems.	Fair Opportunity	D3I Domain 3	FY23Q4	3-5 Years	>$50M - $100M
Directed Energy Lethality Assessment and Program Support (DELAPS)	The Technical Center Directed Energy Directorate is requesting a follow-on task order (TO) for the current SMDC One Acquisition Solution for Integrated Services (OASIS) TO W9113M-19-F-0015, High Energy Laser (HEL) Lethality Assessment and Program Support, which expires on 29 November 2023. The follow-on effort entitled, Directed Energy Lethality Assessment and Program Support will furnish the government all necessary labor, non-personal services, supplies, equipment, and materials associated with the execution or supporting the execution of a number of directed energy (DE) lethality weapon system projects with the common objective of demonstrating the ability of high energy laser (HEL) technology and other DE applications to provide force multipliers and military capability enhancements to United States combat forces.	Small Business Set-Aside	OASIS Pool 4	FY24Q1	3-5 Years	>$50M - $100M

Long Range Outlook



For informational purposes only, does not imply that there will be follow-on acquisitions. Dates represent ordering period end date.

Virtual Industry Exchange (VIE) Forecast Industry Report (FIR)

published quarterly:
https://www.smdc.army.mil/VIE_FIR/

U.S. Army Space and Missile Defense Command

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MSE	ID (Interna Use	Requiring Proponent	Title	Requirement Description	Projected Value	Projected NAICS Code	Projected Acquisition Strategy	Projected Contract Vehicle	Projected Solicitation Date	Projected Contract Award	Projected Period of Performance
CoE	33	CE-D-DS Decision Support Division	Simulation Center	High Performance Computing (HPC) resource facility that supports the development, testing and integration of Department of Defense (DoD) space, high altitude, missile defense and cyber capabilities for the warfighter.	>$25M-$50M	541715	8(a) Set-Aside	Stand-Alone	FY21Q3	FY22Q3	3-5 Years
CoE	71	CE Center of Excellence	Design, Development, Demonstration and Integration (D3I) - Domain 2 Follow-On	USASMDC has a continuous requirement for a contractual vehicle to fulfill a gap in ability to design, develop, demonstrate and integrate products focused on the development of Information Integration and Data Exploitation, and other requirements that enable the Warfighter to effectively support USSTRATCOM, other Combatant Commands (CCMDs), Department of Defense (DoD), other Services, and other Government agencies. **(Request for Information [RFI] forthcoming)**	>$1B	541715	TBD	TBD	TBD	TBD	Over 5 Years
CoE	72	CE Center of Excellence	Design, Development, Demonstration and Integration (D3I) - Domain 3 Follow-On	USASMDC has a continuous requirement for a contractual vehicle to fulfill a gap in ability to design, develop, demonstrate and integrate products focused on the development of Enhanced Warfighter Capabilities, and other requirements that enable the Warfighter to effectively support USSTRATCOM, other Combatant Commands (CCMDs), Department of Defense (DoD), other Services, and other Government agencies. **(Request for Information [RFI] forthcoming)**	>$1B	541715	TBD	TBD	TBD	TBD	Over 5 Years
TC	49	TCT-R Research Directorate	Advanced Technology Test and Development Program (ATTDP)	The objectives of the ATTDP effort are to perform high velocity impact experiments; provide test measurements and perform analyses of impact observables; perform experiments to assess the requirements to ensure survivability of strategic, theater, and tactical missile defense system assets; and conduct experiments and perform analyses.	>$50M - $100M	541715	Sole Source	Stand-Alone	FY22Q3	FY22Q4	3-5 Years
TC	65	TCE-T Test Directorate	Tactical Range Air Defense Missile (TACRAM) II	Provide pre-test analysis, test planning, design, development, fabrication, integration, launch, and post-test analysis of ballistic missile (BM) targets in support of United States (US) Army Space	>$50M - $100M	541715	Fair Opportunity	D3I Domain 1	FY22Q4	FY23Q1	3-5 Years

FY23Q1FIR_14DEC22 | Acronyms | SBA Table of Size Standards

Numerous fields: download, sort, and filter as desired

ACC-RSA Contracting Points of Contact

Contract/Program	Contracting POC	Email
Advanced Technology Test and Development Program (ATTDP) (UAH)	George Kosut	george.c.kosut.civ@army.mil
Command Information Management Systems III (CIMS III)	Jennifer Baker	jennifer.d.baker2.civ@army.mil
Closeout/ULOs (HSV)	George Kosut	george.c.kosut.civ@army.mil
Design, Development, Demonstration and Integration (D3I)	Cynthia Smith (HSV SEC) / Netausha Stoudmire (HSV NON-SEC) / Janet Schwarzbart (COS Non-SEC & SEC) /	cynthia.j.smith7.civ@army.mil / netausha.c.stoudmire.civ@army.mil/ janet.l.schwarzbart.civ@army.mil/
D3I follow-on "D3I2" - Domains 1, 2, and 3	Janet Schwarzbart (Domain 1) /Netausha Stoudmire (Domains 2 and 3)	janet.l.schwarzbart.civ@army.mil/ netausha.c.stoudmire.civ@army.mil
Environmental Planning, Compliance and Remediation Technical Services (EPCARTS)	George Kosut	george.c.kosut.civ@army.mil
Fort Greely Ballistic Missile Defense Mission Support Services (BMD MSS)	Charlene Maneafaiga	charlene.m.maneafaiga.civ@army.mil
GSA/OASIS/SETAS - General Services Administration (GSA)/ One Acquisition Solution for Integrated Services (OASIS)/ System Engineering and Technical Assistance Support (SETAS)	Cynthia Smith (HSV SEC) / Netausha Stoudmire (HSV NON-SEC) / Janet Schwarzbart (COS SEC) /Bryan Sasaki (COS NON-SEC)	cynthia.j.smith7.civ@army.mil / netausha.c.stoudmire.civ@army.mil janet.l.schwarzbart.civ@army.mil / bryan.a.sasaki.civ@mail.mil

ACC-RSA Contracting Points of Contact

Contract/Program	Contracting POC	Email
Meteorological Support Services (MSS)	Benvinda Oliveira	benvinda.m.oliveira.civ@army.mil
Range Safety Support Services (RSS)	Shasta Luna	shasta.a.davis.civ@army.mil
Reagan Test Site (RTS) Engineering and Technical Services (RETS)	Shasta Luna	shasta.a.davis.civ@army.mil
Simulation Center II (Sim Ctr)	Katherine Ward	katherine.d.ward5.civ@army.mil
Small Business Innovation Research (SBIR)	Tiffany Moody	tiffany.a.moody.civ@army.mil
Small Purchases	Tiffany Moody (HSV) / Thomas Poplin (COS)	tiffany.a.moody.civ@army.mil / thomas.e.poplin3.civ@army.mil
University Affiliated Research Centers (UARCs)	Tiffany Moody	tiffany.a.moody.civ@army.mil
Security services of AN/TPY-2 radars located in Shariki (SCS) and Kyogamisaki (KCS) Communication Sites, Japan (94th AAMDC AN/TYP-2)	Thomas Poplin	thomas.e.poplin3.civ@army.mil


The Sun Never Sets on USASMDC
The American Soldier - Our first priority!

QUESTIONS?