



DESIGN, DEVELOPMENT, DEMONSTRATION AND INTEGRATION (D³I) ACQUISITION PROGRAM

BACKGROUND: The U.S. Army Space and Missile Defense Command's (USASMDC) mission is to serve as the Army force modernization proponent for space, high altitude (HA) and global missile defense; serve as the Army operational

integrator for global missile defense; and conduct mission-related research and development. This includes developing the Army's space and missile defense doctrine and concepts, validating requirements, and integrating technology solutions. USASMDC rapidly advances innovations for space, missile defense, high altitude and cyber to the Warfighter through prototype development, experimentation and wargames, analytical assessments, and modeling and simulation development. It also provides institutional space and missile defense training to the force, and is the user representative to the Army to ensure vertical integration of Doctrine, Organizations, Training, Materiel, Leadership, Education, Personnel, Facilities, and Policy (DOTmLPF-P) activities across ballistic missile defense systems elements is not to provide just hardware to its customers.

PURPOSE OF THE D³I CONTRACTS: This performance-based acquisition satisfies recurring requirements to develop flexible, streamlined contracting arrangements that promote competition, achieves efficiency metrics, and responds to the breadth and depth of requirements across USASMDC and other associated defense and Federal organizations diverse technology base where technology readiness levels are at varying levels of maturity. The efforts defined follow an evolutionary development of systems architecture that is focused on a "Concept to Combat" philosophy. Three Domains have been identified to segregate requirements into the technical support areas (TSA) described below. The TSA requirements (to include both hardware and software associated with system development or modeling and simulation of systems) (note that the contractor is required to provide all personnel, material, equipment, and other items to meet these performance requirements identified in Section 2.0 of the statements of work (SOW) are identified below).

DOMAIN 1 - SPACE/HIGH ALTITUDE, AND MISSILE DEFENSE

DOMAIN 2 - INFORMATION INTEGRATION AND DATA EXPLOITATION

DOMAIN 3 - ENHANCED WARFIGHTER CAPABILITIES

SPECIFIC CONTRACT INFORMATION:

- The contracts are Multiple Award Indefinite Delivery/Indefinite Quantity (MAIDIQ) type contracts divided into three Domains. Each domain has a group of prime contractors that will compete for individual task orders.

- CLIN types: Cost-Plus-Fixed-Fee (CPFF), Cost-Plus-Incentive-Fee (CPIF), Firm-Fixed-Price (FFP), and Fixed-Price-Incentive-Firm-Target (FPI).
- NAICS Code is 541715 – Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)
- Documents required for task order award

DOMAIN 1

SPACE/HIGH ALTITUDE, AND MISSILE DEFENSE

POC: [Jason Baker](#)

Current Ordering Period: 09 FEB 2017 – 08 FEB 2022 (5 Years)

Individual task orders must be complete by 08 Feb 2025

Opt 1 is 09 FEB 2022 – 08 FEB 2024 (2 Years)

IF EXERCISED, **individual task orders must be complete by 08 Feb 2027**

Opt 2 is 09 FEB 24 – 08 FEB 26 (2 Years)

IF EXERCISED, **individual task orders must be complete by 08 Feb 2029**

Total Shared Contract Ceiling NTE \$3.038B

W9113M-17-D-0001, BAE Systems Technology Solutions & Services (99789)

W9113M-17-D-0002, Dynetics, Inc. (7L855)

W9113M-17-D-0003, KBRWYLE Technology Solutions, LLC (15151)

W9113M-17-D-0004, Northrop Grumman Technical Services, Inc. (5FVX5)

W9113M-17-D-0005, QWK Integrated Solutions, LLC (6L3Y3)

W9113M-17-D-0006, Raytheon Company (0AYP7)

W9113M-17-D-0007, Science Applications International Corporation (6XWA8)

W9113M-17-D-0008, Teledyne Brown Engineering, Inc. (14925)

Domain 1 SOW

TSA 1: Space / High Altitude: The space and HA support areas include all aspects of military, civil and commercial space operations to include launch, space segment (platform and payload), communications between the ground and space or HA segments (platform and payload), ground segment, space related user segment, and management of information derived from space or HA and aerial layer sources. The space support area also includes space force enhancement, space control, space support and space force application. This includes the design, development, and integration of components that are integral to conducting testing, assessments, or a development event.

- Platforms (*for example, but not limited to, high altitude airships, high altitude aircraft, delivery systems, satellite buses, surveillance and reconnaissance, electronic warfare, nuclear effects, survivability, etc.*).
- Payloads (*for example, but not limited to sensors, surveillance and reconnaissance, electronic warfare, nuclear effects, survivability, etc.*).
- Ground Stations (*for example, but not limited to mission command, data processing centers, etc.*).
- Communications (*for example, but not limited to, mission command, data transmission, voice transmission, electronic warfare, nuclear effects, survivability, etc.*).

- Space Control (*for example, but not limited to offensive and defensive counter space and space situational awareness*).

TSA 2: Missile Defense: The global integrated missile defense support area includes all aspects of missile defense (including ballistic, non-ballistic, and cruise missiles) to include detection and characterization of air and missile threats, mission command, active defense and passive defense and attack operations. This support area also includes all aspects of global strike objectives. This support area further includes offensive operations, elimination operations, interdiction operations, active defense, passive defense, weapons of mass destruction (WMD) consequence management, security cooperation and partner activities, and threat reduction cooperation

- Platforms (*for example, but not limited to, UASs, UAVs, low and mid altitude airships, low and mid altitude aircraft, surveillance and reconnaissance, etc.*).
- Ground Systems (*for example, but not limited to, battle management control, mission command, launchers, mobile ground systems, telescopes, power systems, cooling systems, fire control, etc.*)
- Sensors (*for example, but not limited to, radars, laser radars, passive camera systems, other devices used to measure physical phenomena, surveillance and reconnaissance, etc.*).
- Missile Systems (*for example, but not limited to the following:*
 - - aerodynamic (cruise missiles, glide vehicles, etc.);
 - - ballistic (SRBM, MRBM, ICBM, etc.);
 - - kill vehicles;
 - - kill enhancements;
 - - rockets and re-entry vehicles;
 - – targets;
 - - delivery systems;
 - - rocket motors;
 - – countermeasures;
 - - seekers
- High Energy Laser and High Power Microwave Systems
- Operational and Range Testing (*for example, but not limited to, telemetry, lethality, kill assessment, flight termination, etc.*).
- Survivability and Nuclear Effects (*for example, but not limited to, devices, nuclear monitoring, nuclear effects catalog/environments, etc.*).
- Communications (*for example, but not limited to, mission command, data transmission, voice transmission, electronic warfare, nuclear effects, survivability, etc.*).

DOMAIN 2

INFORMATION INTEGRATION AND DATA EXPLOITATION (SMALL BUSINESS)

POC: [Pamela Elliott](#)

Current Ordering Period: 18 Feb 2016 – 17 Feb 2021 (5 Years)

Individual task orders must be complete by 17 FEB 2024

Opt 1 is 18 Feb 2021 – 17 Feb 2023 (2 Years)

IF EXERCISED, **individual task orders must be complete by 17 FEB 2026**

Opt 2 is 18 Feb 2023 – 17 Feb 2025 (2 Years)

IF EXERCISED, **individual task orders must be complete by 17 FEB 2028**

Total Shared Contract Ceiling \$504M

W9113M-16-D-0006, Colsa Corporation (4U825)

W9113M-16-D-0007, CybEx, LLC (Joint Venture. Quantum Research International and PeopleTec) (70LB9)

W9113M-16-D-0008, Decisive Analytics Corporation (DAC) (06CT8)

W9113M-16-D-0009, MEI Technologies, Inc. (MEIT) (5NLB0)

W9113M-16-D-0010, SDA (Informal Joint Venture. Sentar, Inc., deciBel Research, Inc., and ASRC Federal Space and Defense) (0A168)

W9113M-16-D-0011, Torch Technologies, Inc. (3CBV3)

Domain 2 SOW

TSA: Information Integration and Data Exploitation. This area is focused on, but not limited to, data and information systems, mission command (command and control), Communications and computers, Cyberspace, Data fusion, Data integration, and Data exploitation.

- **Mission Command** (*for example, but not limited to, Command and Control, Net Centric.*)
- **Cyberspace** (*for example, but not limited to, Communication and Computers, Computer Enterprise System And Network Management, Telecommunications, Computer Network Defense, Trusted Systems And Networks, Multi-Level Security, Information Security, Etc.*).
- **Data Exploitation** (*for example, but not limited to, Data Fusion, Data Integration, Etc.*)

DOMAIN 3

ENHANCED WARFIGHTER CAPABILITIES (SMALL BUSINESS)

POC: [Jason Baker](#)

Current Ordering Period: 17 Dec 15 – 16 Dec 20 (5 Years)

Individual task orders must be complete by 16 DEC 2023

Opt 1 is 17 Dec 20 – 16 Dec 22 (2 Years)

IF EXERCISED, **individual task orders must be complete by** 16 Dec 25

Opt 2 is 17 Dec 22 – 16 Dec 24 (2 Years)

IF EXERCISED, **individual task orders must be complete by** 16 Dec 27

Total Shared Contract Ceiling NTE \$1.058B

W9113M-16-D-0001, The Aegis Technologies Group, Inc. (0EXA1)

W9113M-16-D-0002, Decisive Analytics Corporation (DAC) (06CT8)

W9113M-16-D-0003, Quantum Research International, Inc. (0BCG3)

W9113M-16-D-0004, Radiance Technologies, Inc. (1H1J5)

Domain 3 SOW

TSA: Information Integration and Data Exploitation. This area is focused on, but not limited to, advanced technologies that have the potential to enhance current and future warfighting capabilities. This includes detection devices, Counter IED technology, directed energy components, advanced component technology development for high energy lasers and high power microwave systems, electronic warfare, electronic effects, counter-electronics, advanced materials and techniques, and energy devices.

- **Transmit** (for example, but not limited to)
 - Counter-electronics (for example, but not limited to, but not limited to, use of RF sources to test electronic burnout or electromagnetic interference of laptop computers).
 - Directed energy components (for example, but not limited to, but not be limited to, laser beam controllers, high powered microwave, pulsed power).
 - Advanced component technology development for high energy lasers/high power microwave systems.
- **Sense** (for example, but not limited to):
 - Detection devices (for example, but not limited to, but not limited to, biological/chemical detection, power fluctuation; RFI detection; sensor subcomponents).
 - Counter IED technology.
 - Electronic effects (for example, but not limited to, but not limited to, devices to measure EMI/EMR effects and conduct MIL-STD-464B testing).

- **Power** (for example, but not limited to, energy devices [to include, but not limited to, batteries, energy conservation, micro-electromagnetic sensors]).
- **Materials and Techniques** (for example, but not limited to, advanced materials and techniques).
- **Other Novel Technologies** (for example, but not limited to, other novel hardware).
- **Electronic Warfare** (for example, but not limited to, signal generation, information operations, intelligence, surveillance, reconnaissance, electro-optics, radar threat simulation, jammers).

CONTRACT REQUIREMENTS PACKAGE

1. Initial Requirements Questionnaire (IRQ)
2. Performance Work Statement (PWS) or Statement of Objective (SOO)
3. Market Research Report
4. Independent Government Estimate (IGE)
5. CDRLs (DD Form 1423)
6. Government Furnished Property (if applicable)
7. Anti-Terrorism/Operations Security worksheet
8. 7600A between agencies (if applicable)
9. Fully Certified Funding Document/Military Interdepartmental Purchase Request (MIPR) or GFEBs Direct Charge method (Planning Funding Document acceptable)
10. Security Classification Specification Guide, DD Form 254 (if applicable)
11. Quality Assurance Surveillance Plan (QASP)/Performance Requirements Summary (PRS)
12. Identify OCONUS performance locations (not TDY) in the PWS.
13. GFLSV Request and Approval Form signed by all required parties if the TO will require performance in an OCONUS theater where it is required prior to obtaining a Theater Business Clearance. This form can be obtained from your in-theater POC. (if applicable)
14. Provide a non-severability and bone fide need justification if the task order results in a single deliverable.
15. Approved Request for Services Contract Approval
16. Contracting Officer's Representative (COR) nomination in the JAM/SPM.