

Missile Defense Agency FY2021

For more information, see the individual summaries of the large war corporations: warindustrymuster.com/corporate-summaries

Aerojet Rocketdyne Coleman Aerospace Inc. (Orlando, FL)

- Task Instruction (TI) vehicle that provides individually negotiated TIs for quick-turn, pre-priced solutions that address emergent requirements such as failure investigations, analysis, and/or design changes driven by the evolving threat requirements of the integrated master test plan; HQ0147-14-C-0001; 19 Aug 2021 via MDA, Huntsville, AL

a.i. solutions Inc. (Lanham, MD)

- quality and mission assurance advisory and assistance services in the National Capital Region; Dahlgren, VA; Huntsville, AL; Kirtland AFB, NM; Fort Greely, AK; Orlando, FL; Moorestown, NJ; Tucson, AZ; Salt Lake City, UT; Promontory, UT; Joplin, MO; and other locations as directed; HQ0858-21-C-0010; 20 Oct 2020

ARES Technical Services Corp. (Burlingame, CA)

- Technical, Engineering, Advisory, and Management Support (TEAMS) - Next Safety advisory and assistance services in Fort Belvoir, VA; Dahlgren, VA; Huntsville, AL; Fort Greely, AK; Vandenberg AFB, CA; Kirtland AFB, NM; Pacific Missile Range Facility, HI; and White Sands Missile Range, NM; some unnamed FMS; HQ0858-21-C-0011; 16 Nov 2020

COLSA Corp. (Huntsville, AL)

- continued work for the Advanced Research Center (ARC) for modeling and simulation, analyses, test and evaluation, and experimentation; network and information infrastructure, test and developmental support, and cybersecurity and network security improvements; HQ0859-20-D-0001; 15 Mar 2021

Corvid Technologies Inc. (Mooresville, NC)

- support development of post-intercept debris models to include applicable databases and sensor scene generation tools: capabilities to be developed “will support improvements and solutions” for MDA requirements including, but not limited to, program management, mission management functions; modeling and simulation frameworks; post-intercept assessment; sensor planning; supporting demonstration and test activities; maturing developmental and operational software; rigorously benchmarking algorithms; transitioning resultant database to Layered Homeland Defense program offices to support sensor scene investigations, and the transitioning of resultant technology into the future missile defense system with command and control, battle management and communications (C2BMC) as the integrating element; → Mooresville, NC; Huntsville, AL; HQ0860-21-C-7300; 1 Sep 2021

Cummings Aerospace Inc. (Huntsville, AL)

- continue to integrate and enhance the Simulation Framework Toolkit and Coordinated Cyber/Electronic Warfare Integrated Fires Tool to conduct quick-turn, end-to-end, left through right of launch analysis with varying sensor and weapon technologies; HQ0147-17-S-0002 / HQ0147-19-D-0009; 24 May 2021

Georgia Tech Applied Research Corp. (Atlanta, GA)

- research, development, and engineering related to sensors, weapons, and communication systems for ground and airborne-based missile defense platforms, investigation of new missile defense systems, and participation in future DOD technology initiatives → Atlanta, GA, and Huntsville, AL; HQ0854-21-D-0002; 23 Sep 2021

Gray Analytics (Huntsville, AL)

- work on MDA’s Innovation, Science, and Technology Kill Vehicle Hardware-in-the-Loop (KV HWIL¹) program in Huntsville, AL; HQ0860-21-D-0001; 14 Sep 2021

L3Harris contracts with MDA in the following locations. See Big 12 summary for more details.

- Fort Wayne, IN, for work on hypersonic missiles
- Tulsa, OK, for the airborne sensors (ABS) program

¹ The “KV HWIL effort will span the spectrum of tasking required to plan, define, design, integrate, test, assess, and verify new and innovative approaches” to expand HWIL capabilities enabling MDA to “evaluate promising concept solutions required to defeat the advancing threat.”

Lockheed Martin contracts with MDA in the following locations. See Big 12 summary for more details.

- Moorestown, NJ, for AEGIS work
- Huntsville, AL, for targets and countermeasures and developing the Next Generation Interceptor (NGI)
- Dallas, TX, for FMS (Saudi Arabia): THAAD
- Sunnyvale, CA, for THAAD, including FMS to the UAE

Mobius Consulting LLC (Alexandria, VA)

- ongoing Intelligence and Counter-Insider Threat advisory and assistance services in the National Capital Region; Dahlgren, VA; Huntsville, AL; Colorado Springs, CO; other locations as directed; HQ0858-21-C-0013; 22 Jun 2021

Northrop Grumman Systems Corp. (Chandler, AZ) – *Chandler is SE Phoenix.*

- technology development and risk reduction of the Next Generation Interceptor (NGI) All-Up-Round; “allowing a technology development phase will help ensure that the NGI is an efficient and effective part of an integrated Missile Defense System solution by permitting the department to further analyze requirements and make necessary adjustments in preparation for the product development phase” → Chandler, AZ; and Huntsville, AL; HQ085621C0003; 23 Mar 2021 (Lockheed Martin got a similar contract the same day)
- a minimum of six additional Boost Vehicles (BVs); spare BV components; and BV sustainment to include but not limited to repair, upgrade, and maintenance of software and hardware to support the Ground Based Interceptor BVs → Chandler, AZ; and Magna, UT; HQ0856-21-D-0001; 3 Sep 2021

Parsons Government Services (Huntsville, AL)

- support that includes: engineering and technical support; studies, analysis, and evaluations; and management and professional services → Huntsville, AL; Fort Belvoir, VA; Colorado Springs, CO; Fort Greely, AK; Moorestown, NJ; Hanscom AFB, MA; Phoenix, AZ; Orlando, FL; and Salt Lake City, UT; HQ0858-21-C-0015; 16 Jun 2021

Mobius Parsons Solutions (Alexandria, VA) *a joint venture of Mobius Consulting LLC and Parsons*

- test support services for MDA → work in Albuquerque, NM; Bedford, MA; Colorado Springs, CO; Dahlgren, VA; Kwajalein Atoll; Wake Island; Honolulu, HI; Huntsville, AL; Kauai, HI; Vandenberg AFB, CA; other locations as directed; HQ0858-21-C-0014; 16 Jun 2021

Perspecta Engineering Inc. (Chantilly, VA)

- engineering in support of test and evaluation and systems engineering re AEGIS Ballistic Missile Defense → Kauai, HI (90%); Oahu, HI (4%); Santa Clara, CA (3%); Point Mugu, CA (2%); Chantilly, VA (1%); N68936-21-D-0007; 25 Nov 2020

Raytheon (Tucson, AZ)

- management, material, and services re: sustaining engineering and product support services of the Standard Missile-3 Block missile variants for the U.S. and FMS, FY2021-29; → Tucson, AZ; Huntsville, AL; HQ0851-21-D-0001; 30 Oct 2020
- (1) upgrade, integrate, test Flight Test Round software; (2) revise environmental qualification plans for compliance with updated qualification standards; (3) facilitate a preliminary qualification event; (4) support an accelerated flight test date; (5) initiate activities to begin the transition to production; HQ0276-15-C-0003; 10 Jun 2021
- complete transition to production activities for previously awarded Guidance Electronic Unit engineering development activities; transition to production activities includes (1) perform test, development and systems engineering tasks; (2) develop software load capability; (3) convert legacy test equipment to test configured-hardware; and (4) develop new common platform test equipment; HQ0276-15-C-0003; 22 Jul 2021
- FMS (Japan): evaluate hardware, inspect all material, repair minor discrepancies, and re-assemble and deliver a Standard Missile-3 Block IB Inert Operating Missile; HQ0851-20-C-0002; 15 Sep 2021
- Software Upgrade Build 8.2 to SM-3 Block IIA Aegis Weapons System; HQ0276-10-C-0005; 30 Sep 2021

Strategic Alliance Solutions LLC (Fairfax, VA)

- warfighter operational integration advisory and assistance services in Huntsville, AL; Fort Belvoir, VA; Dahlgren, VA; Joint Base Elmendorf-Richardson, AK; Fort Greely, AK; Mayport Naval Station, FL; Schriever AFB, CO; Fort Drum, NY; Vandenberg AFB, CA; San Diego, CA; and other locations; W15QKN-18-D-0135; 10 May 2021

The Systems Engineering Group Inc. (Columbia, MD)

- engineering with specialized products suitable to meet specific fidelity, runtime, and memory requirements that include: computer aided design (CAD); high fidelity kinematic models, specifications, and trajectory data; 3D scattering center radio frequency models, specifications, and signature data; debris simulation models, specifications, and debris/signature data → work in Columbia, MD, and Huntsville, AL; HQ0854-21-C-0002; 1 Sep 2021

TOTE Services Inc. (Jacksonville, FL)

- operation and maintenance of the Sea-Based X-Band Radar Platform (SBX-1²) in the Pacific Ocean; N3220518C3101; 30 Sep 2021

Great Eastern Group Inc. (Fort Lauderdale, FL)

- 12 months operation of the offshore support vessel Hercules (utilized to support refueling and resupply of the Sea-Based X-Band Radar (SBX-1) in INDOPACOM); N3220519C3500; 13 Aug 2021

² Vessel is operated for MDA to provide "limited test support services and is a contingency component of the Ground Based Mid-Course Defense element of the Ballistic Missile Defense System for the U.S. Strategic Command. The vessel may also be used for other government missions as directed or placed in a reduced operating status."