

Missile Defense Agency (MDA) FY 2019

Note: For the activities of the Big 5 war corporations, see their separate docs.

Aerojet Rocketdyne (Huntsville, AL)

- mature axial upper stage (AUS) component technologies and analytical tools to demonstrate component, material and architecture to support future development efforts, re: hypersonic defense component technology; HQ0147-18-S-0002; 25 Jul 2019

Aerojet Rocketdyne's Coleman Aerospace (Orlando, FL)

- additional Medium Range Ballistic Missile targets and associated nonrecurring engineering; HQ0147-14-C-0001; 20 Jun 2019

Communications & Power Industries (Beverly, MA)

- production, repair and engineering services of the Aegis Cross Field Amplifiers (CFA¹); N00164-19-D-WP27; 29 Aug 2019 via Naval Surface Warfare Center Crane Division, IN

Cummings Aerospace (Huntsville, AL)

- 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-S0002; 29 Jul 2019

deciBel Research Inc. (Huntsville, AL)

- support development and sustainment of the Modeling & Simulation for Truth Models and Element Representations (MASC-T) in Huntsville, AL; HQ0147-19-D-0003; 14 Jun 2019

DTechLogic LLC, a joint venture (Huntsville, AL)

- infrastructure & cybersecurity engineering to support ballistic missile defense system (BMDS) hardware-in-the-loop (HWIL) and related ground testing in a continuous integration / continuous agile testing (CI/CAT) environment; HQ0147-19-C-0012; 19 Jun 2019

General Atomics Electromagnetics Systems Group (San Diego, CA)

- demonstrate passive MDA-configured MQ-9 in BMDS tests; HQ0277-I 7-C-0001; 6 Feb 2019

Modern Technology Solutions (Huntsville, AL)

- develop and demonstrate a physics-based, cross-domain, closed-loop simulation and a collaborative model-based experimentation to test and evaluate integrated left- and right-of-launch (ILROL) concepts; HQ0147-19-D-0001; 30 May 2019

Neeser Construction Inc. (Anchorage, AK)

- build Missile Field 4 infrastructure improvements and utilidors, to include silo interface vault, silo foundations, fiber installation, temporary power and construction free zone → Fort Greely, Alaska; W911KB-19-C-0006; 20 Dec 2018 via USACE Anchorage, AK

QTEC Aerospace (Huntsville, AL)

- use PreACT capabilities, integrated with the Government's Modeling, Simulation, Software and Analysis lab and resources, to identify, model and evaluate available non-traditional data, tools and abilities for integration into the Ballistic Missile Defense System; HQ0147-19-D-0006; 4 Jun 2019

Teledyne Wireless (Rancho Cordova, CA)

- evaluation, minor repair, and manufacture of 10kW traveling wave tubes; manufacture of 13kW traveling wave tubes; government-furnished equipment maintenance for traveling wave tubes; and incidental engineering services;² N00164-19-D-WP83; 6 Dec 2018

TOTE Services Inc. (Jacksonville, FL)

- operation and maintenance of the Sea-Based X-Band Radar Platform (SBX-1) in the Pacific Ocean; N3220518C3101; 27 Sept 2019 via Military Sealift Command

¹ The CFAs are microwave tubes installed in the AN/SPY-1 radar system used on board the DDG51 Class AEGIS Destroyers and CG 52 Class AEGIS Cruisers. The AN/SPY-1 radar is a search and tracking system used for ballistic missile defense.

² Traveling wave tube design was developed by Teledyne Wireless LLC, which has proprietary design rights for the 10kW and 13kW traveling wave tubes. These tubes are used in the AEGIS combat system.