

Space Launch _ FY2020

Space Exploration Technologies Corp. (Hawthorne, CA)

- to “capitalize on the emerging small launch providers while providing dedicated and primary launch services to the DOD and other government agencies”; program allows for rapid acquisition of launch services for payloads greater than 400 pounds, “enabling launch to any orbit within 12-24 months from task order award” → work at contractor facilities and a government launch sites; 10 Oct 2019 (w 7 others)
 - o contracting activity = Space and Missile Systems Center (SMC) Kirtland AFB, NM
- non-National Security Space (NSS) Fleet surveillance; efforts across SpaceX launch vehicles for non-NSS missions → work in Hawthorne, CA; Vandenberg, CA; and Cape Canaveral AFS, FL; FA8811-19-C-0004; 6 May 2020
 - o SMC, Los Angeles AFB, CA (FA8811-19-C-0004)
- the National Security Space Launch (NSSL) phase 2 contract; launch service procurements supporting launches planned for fiscal 2022-2027 → work Hawthorne, CA; Cape Canaveral Space Force Station, FL; Vandenberg AFB, CA; 7 Aug 2020
 - o This launch service includes early integration studies, launch service support, fleet surveillance, launch vehicle production, mission integration, mission launch operations, mission assurance, spaceflight worthiness, and mission unique activities for each mission.
 - o SMC, Los Angeles AFB, CA (FA8811-20-D-0002)

United Launch Services (Centennial, CO)

- launch service completion of three Atlas V missions (two Air Force and one NRO) → work in Centennial, CO; Decatur, AL; Cape Canaveral AFS, FL; FA8811-13-C-0003; 1 Oct 2019
 - o SMC Los Angeles AFB, CA (FA8811-20-C-0001)
- “capitalize on the emerging small launch providers while providing dedicated and primary launch services to the DOD and other government agencies”; program allows for rapid acquisition of launch services for payloads greater than 400 pounds, enabling launch to any orbit within 12-24 months from task order award; FA8818-20-D-0005; 10 Oct 2019 (w 7 others, including SpaceX and Northrop Grumman)
 - o SMC Kirtland AFB, NM
- the National Security Space Launch (NSSL) phase 2 contract; launch service procurements supporting launches planned for fiscal 2022-2027 → work in Centennial, CO; Cape Canaveral Space Force Station, FL; Vandenberg AFB, CA; 7 Aug 2020
 - o This launch service includes early integration studies, launch service support, fleet surveillance, launch vehicle production, mission integration, mission launch operations, mission assurance, spaceflight worthiness, and mission unique activities for each mission.
 - o SMC, Los Angeles AFB, CA (FA8811-20-D-0001)

Space _ Range Operations _ FY2020

BAE Systems Technology Solutions and Services Inc. (Rockville, MD)

- the Instrumentation Range Support Program; provides “for serviceable components and subsystems for instrumentation tracking systems, worldwide for both foreign and domestic government agencies to include radars, telemetry and optical range mission systems, flight termination systems, data acquisition systems and Global Positioning Systems” → work on participating ranges, including DOD (Air Force, Army, Navy), NASA, Department of Energy, as well as foreign ranges in the UK, Germany, Norway, Sweden, S. Korea, Switzerland; 23 Jul 2020
 - o 45th Contracting Squadron, Patrick AFB, FL (FA2521-20-D-0005)

Chugach Range and Facilities Services JV LLC (Anchorage, AK)

- Ascension Island Mission Services: radar tracking, space surveillance tracking, telemetry, timing and sequencing, communications, airfield operations, operations, maintenance and engineering support for facilities, systems, equipment, utilities and base operating support responsibilities; 30 June 2020
 - o 45th Contracting Squadron, Patrick Air Force Base, FL (FA2521-20-C-0024)

Data Computer Corp. of America (Ellicott City, MD)

- engineering change proposal that supports the modernization of the Western Range Communications Subsystems to an IP-based network that supports data, voice and video mission communication → work at Vandenberg AFB, CA; FA8806-16-F-0002; 28 Feb 2020
 - o Peterson AFB, Colorado Springs, CO

- Western Range Modernization Network operations, maintenance, and sustainment at Vandenberg AFB, CA; FA880-6-16-F-0002; 17 Mar 2020
 - o Space & Missile Systems Center, Peterson AFB, CO

Frontier Technology Inc. (Beavercreek, OH)

- additional support and analysis to aid in the rapid prototyping & delivery of Enterprise Ground Services to future and existing U.S. Space Force missions → Colorado Springs, CO; and Los Angeles, CA; FA8806-19-C-0004; 28 Aug 2020
 - o Space and Missile Systems Center, Los Angeles AFB, El Segundo, CA

Manu Kai LLC (Honolulu, HI)

- range operations support and base operations support services at the Pacific Missile Range Facility, Kauai, Hawai'i; N00604-09-D-0001; 19 Dec 2019
 - o NAVSUP Fleet Logistics Center Pearl Harbor, HI

Range Generation Next LLC (Sterling, VA), a joint venture between Raytheon and General Dynamics

- cyber hardened infrastructure support supporting an increase in launch and test range requirements → mostly in the Eastern Range, Patrick AFB, FL; and the Western Range, Vandenberg AFB, CA; FA8806-15-C-0001; 2 June 2020, 28 Aug 2020
 - o SMC, Peterson AFB, CO
- the Range Communications Facility timing and sequencing project: supports on-going launch and test range requirements in Eastern Range, Patrick AFB, FL; and Western Range, Vandenberg AFB, CA; FA8806-15-C-0001; 31 July 2020
 - o SMC Peterson AFB, CO

Space _ sundry goods and services _ FY2020

NOTE: For goods and services from Carahsoft, CACI, L3Harris, Lockheed Martin, Northrop Grumman, and ManTech, see their separate documents. Lockheed Martin and Northrop Grumman are located in the Big Five Industry documents.

ACTA LLC (Torrance, CA)

- the Safety Hazard Analysis and Risk Processing (SHARP) II system¹; performance-based services with a combination of severable (flight analysis) and non-severable (risk analysis) services → work in Torrance, CA; and at Patrick AFB, FL; 29 May 2020
 - o 45th Contracting Squadron, Patrick AFB, FL (FA2521-20-D-0002)

The Aerospace Corp.

- systems engineering and integration support for the National Space Community; FA8802-19-C-0001; 17 Sept 2019
 - o SMC, El Segundo, CA
- federally funded research and development centers support in El Segundo, CA; FA8802-19-C-0001; 19 Dec 2019
 - o SMC, Operational/Specialized Services Directorate, Los Angeles AFB, CA
- systems engineering and integration support for the National Space Community, El Segundo, CA; FA8802-19-C-0001; 28 Sep 2020
 - o Space Force, SMC, El Segundo, CA

Airgas Nitrogen Services LLC (Abita Springs, LA)

- gaseous nitrogen for Space Force; 4 Sep 2020
 - o DLA Energy-Aerospace Energy, San Antonio, TX (SPE601-20-D-1502)

Ball Aerospace & Technologies Corp. (Boulder, CO)

- the Defense Experimentation Using Commercial Space Internet (DEUCSI) Call 002 Vendor Flexibility effort, which seeks to establish the ability to communicate with Air Force platforms via multiple commercial space internet constellations using common user terminal hardware elements → work in Westminster, CO; 6 Aug 2020
 - o AFRL, Wright-Patterson AFB, OH (FA8650-20-C-9320)

¹ SHARP II = hardware, software, and procedures used to perform flight analysis and risk analysis by the 45th Space Wing Launch Safety analysts in support of space launch missions at the Eastern Range, Cape Canaveral Air Force Station, FL.

Bowhead Mission Solutions LLC (Springfield, VA)

- system engineering and technical assistance support for the Center of Excellence, Space and Missile Defense School; 27 Aug 2020
 - o Army Contracting Command Redstone Arsenal, AL (W91260-20-F-5002)

Braxton Technologies (Colorado Springs, CO)

- support and delivery network, infrastructure, hardware and architecture solutions under the Cross Mission Ground Communications Enterprise Corps (ECX); provides “cross-domain solutions, design, integration and rapid delivery team services”; FA8806-19-C-0003; 14 May 2020
 - o SMC Los Angeles AFB, CA
- support to the Schriever AFB Infrastructure-Minimal Viable Product (MVP) effort: provides “cross-domain solutions, design, integration and rapid delivery team services”; FA8806-19-C-0003; 16 June 2020
 - o SMC Los Angeles AFB, CA

Call Henry Inc. (Titusville FL)

- management and support, maintenance and repair, operations, other services and minor alteration related to launch operations support at Vandenberg AFB, CA; FA4610-18-C-0005; 25 Feb 2020
 - o 30th Contracting Squadron, Vandenberg AFB, CA

Central Coast Water Authority (Buellton, CA)

- provide Vandenberg AFB, CA, and outlying municipalities with potable water; 21 May 2020
 - o 30th Contracting Squadron, Vandenberg AFB, CA (F04684-92-D-0013)

Consortium Management Group [Inc.](#) (D.C.)

- resilient embedded GPS/Inertial Navigation System prototype development: rapid prototyping activity, including development of detailed design prototypes, production representative prototypes, non-recurring engineering, contractor travel and the development of a technical data package → D.C. and Huntsville, AL; 14 Aug 2020
 - o other transaction agreement
 - o AFLCMC, Robins AFB, GA (FA8576-20-9-0001)

E3 Federal Solutions (McLean, VA)

- Space Development Agency systems engineering and technical assistance support services; 28 Sep 2020
 - o Space Development Agency, D.C. (HQ0850-20-F-0001)

Geospark Analytics Inc. (Herndon, VA)

- Phase Three commercialization of their Small Business Innovation Research Phase One technology of Hyperion Artificial Intelligence; 2 Sep 2020
 - o “provides near real time situational awareness capabilities to the entire U.S. federal government, enabling users to make better decisions faster”
 - o This is accomplished by “identifying and forecasting emerging events on a global scale to mitigate risk, recognize threats, greatly enhance indications and warnings and provide predictive analytics capabilities.”
 - o Space Force, Peterson AFB, CO (FA2544-20-D-0001)

Goodrich Corp., doing business as Collins Aerospace (Danbury, CT)

- the Multi-band Overhead Persistent Infrared Payload (MBOP) effort; MBOP is a flight ready satellite payload with a unique, advantageous modular sensor configuration; HQ0850-20-S-0001; 22 May 2020
 - o Space Development Agency, Washington, D.C. (HQ0850-20-C-0004)

InDyne Inc. (Sterling, VA)

- Solid State Phased Array Radar Systems (SSPARS); management, operation, maintenance, and logistical support of SSPARS → Beale AFB, CA; Cape Cod AFS, MA; Clear AFS, AK; Thule Air Base, Greenland; RAF Fylingdales, U.K.; FA2517-18-C-8000; 17 Mar 2020
 - o 21st Contracting Squadron, Peterson AFB, CO

Iridium Satellite LLC (Tempe, AZ)

- support commercial satellite-based network services for DOD in the areas of satellite, ground node, user equipment/terminal software and hardware development, integration and testing → McLean, VA (50%); Tempe, AZ (50%); 21 Nov 2019

- Naval Surface Warfare Center Dahlgren Division, Dahlgren, VA (N00178-17-C-0001)

Industries for the Blind and Visually Impaired Inc. (West Allis, WI)

- a contractor-operated civil engineering supply store at Vandenberg AFB, CA; 18 Sep 2020
 - 30th Contracting Squadron, Vandenberg AFB, CA (FA4610-20-P0070)

Johns Hopkins University Applied Physics Laboratory (Laurel, MD)

- completes delivery of the deep space advanced radar concept technology demonstration project → Laurel, MD; White Sands Missile Range, NM; FA8819-19-F-1003; 6 Mar 2020
 - SMC, Peterson AFB, Colorado Springs, CO

Kratos RT Logic (Colorado Springs, CO)

- Global Geolocation Support Service (GGSS): provide Combined Space Operations Center (CSpOC) Electromagnetic Interference (EMI) Managers with EMI Resolution Services; services include bandwidth monitoring, EMI notification, geolocation, aid in resolution and space situational awareness; providing 24/7/365 services in C (4 – 8 GHz) and Ku (12 – 18 GHz), bands for all global areas between 70 degrees north latitude and 70 degrees south latitude; 21 Nov 2019
 - accomplish continuous bandwidth monitoring services for government leased bandwidth on commercial satellites and bandwidth on Military Satellite Communication including bandwidth identified by the CSpOC;
 - provide timely EMI notifications and responses to assist the government in resolving interference events; contractor is required to operate and maintain an approved Secret Internet Protocol Router Network voice and data system, as well as other Combined Force Space Component Command (CFSCC)-approved secure voice and data systems to achieve timely transmission of classified data;
 - provide a Hyper Text Transfer Protocol Secure web portal capable of providing CFSCC timely and complete unclassified situation awareness of all assets being monitored to accommodate contractor and government real time communication and sharing of digital data products
 - 30th Contracting Squadron, Vandenberg AFB, CA (FA4610-20-C-0003)

LinQuest Corp. (Los Angeles, CA)

- non-personal services “to accomplish the necessary functions to continue the development of the U.S. Space Command” → work in Peterson AFB, Schriever AFB, CO; 8 Apr 2020
 - U.S. Space Force, Enterprise Solutions Directorate, Peterson AFB, CO (FA2545-20-C-0001)
- the Space & Missile Systems Center technical support follow-on task order bridge extension; continued technical support services for the Special Programs Directorate, Los Angeles AFB, CA; FA8819-15-F-0001; 21 May 2020
 - U.S. Space Force, SMC, Special Programs Directorate, Los Angeles AFB, CA
- continued technical support services, Special Programs Directorate, Los Angeles AFB; FA8819-15-F-0001; 27 May 2020
 - U.S. Space Force, SMC, Special Programs Directorate, Los Angeles AFB
- system engineering, integration and test support for programs with increased security requirements, El Segundo, CA; FA8808-19-C-0006; 2 July 2020
 - SMC Los Angeles Air Force Base, CA
- work on JADC2; \$950M with others; 23 Sep 2020

MC Dean Inc. (Tysons, VA)

- a construction project at Buckley AFB, CO; 30 June 2020
 - USACE Baltimore, MD (W912DR-20-C-0028)

MCR Federal LLC, McLean, VA

- deliver a software development and IT operations environment to support Space Command & Control Division under the Cross Mission and Ground Communications Enterprise Corps; support creation and implementation of the development operations goal of “increasing the velocity of software delivery” → El Segundo, CA; 30 Apr 2020
 - SMC, Los Angeles AFB, CA (FA8806-20-F-0002)

Modern Technology Solutions Inc. (MTSI), Alexandria, VA

- mature the technologies developed in the Phase I and III contracts, re: acquisition and fusion of data for space situational assessments → work at Alexandria, VA, and Kirtland AFB, NM
 - “MTSI will provide system architecture, system administration, and software engineering solutions to deliver a real-time, data-driven architecture for developing and integrating space situational awareness, and intelligence community data sources for use in algorithms, machine learning tools, and data fusion technologies for United States Air Force Space Command and their mission partners. In maintaining its role

in bringing capabilities to operations, MTSI will continue to refactor existing applications and develop new applications for integration into the next-generation infrastructure that the Space and Missile Systems Center and the Air Force Research Laboratory are developing.”

- AFRL Space Electronics Branch, Kirtland AFB, NM (FA9453-20-C-0004)

Monkton Inc. (Vienna, VA)

- commercialization of mobile strategy: technology and support necessary so DOD can rapidly design, develop, deploy “mission enabling solutions” to uniformed active duty members, reservist and civil servants “that operate at the tactical edge” → work in Tysons, VA
 - HQ U.S. Space Force, Enterprise Solutions Directorate, Peterson AFB, CO (FA2595-20-D-0001)

Motorola Solutions Inc. (Linthicum Heights, MD)

- fulfill Air Force Installation and Mission Support Center’s requirement for Land Mobile Radio (LMR) trunking system operations and maintenance of the Air Force Space Command zone core → work at Air Force installations: Buckley, Cheyenne Mountain, Peterson, Schriever, U.S. Air Force Academy, Edwards, Los Angeles, Patrick, Vandenberg, Barksdale, Dyess, Ellsworth, F.E. Warren, Malmstrom, Minot, Whiteman, Wright-Patterson, Eglin, Hanscom, Robins, Tinker, Cannon; 1 July 2020
 - Space Force HQ Peterson AFB, CO (FA2544-20-F-0002)

Net-centric Design Professionals LLC (Boulder, CO)

- Tools, Applications and Processing Laboratory and Overhead Persistent Infrared (OPIR) Battlespace Awareness Center (OBAC) support services; provides for an unrestricted research, development, test and evaluation (RDT&E) innovation environment for enhancing and/or developing new operational capabilities, while also providing an environment accessible to other DOD, civil and commercial users to find new innovative uses of remote sensing data; will also support the OPIR OBAC co-located with the Space Based Infrared System Mission Control Station, Buckley AFB, CO → work in Boulder and Aurora, CO; 12 Aug 2020
 - SMC, Los Angeles AFB, CA (FA8810-20-C-0002)

NIC4 Inc. (Tampa, FL)

- increase various line items due to additional scope and add additional services connected with Very Small Aperture Terminals services and equipment; W91CRB-19-D-5001; 16 June 2020
 - Army Contracting Command, Aberdeen Proving Ground, MD

Northrop Grumman Systems Corp. (Azusa, CA)

- Defense Meteorological Satellite Program sensor sustainment → Azusa, CA; Baltimore, MD; Boulder, Colorado; Dallas, TX; FA8823-17-C-0001; 28 May 2020
 - SMC Peterson AFB, CO

Northrop Grumman Systems Corp. (Redondo Beach, CA)

- Next Generation Overhead Persistent Infrared Polar Space Vehicles 1 and 2; adds Phase One for design/development, critical path flight hardware procurement, and risk reduction efforts leading to a critical design review to the basic contract; FA8810-18-C-0006; 18 May 2020
 - SMC Los Angeles AFB, CA

Radiant Mission Solutions Inc. (Chantilly, VA)

- provide the Army Geospatial Center with remote ground terminal systems; 4 Aug 2020
 - USACE, Alexandria, VA (W5J9CQ-20-D-0006)

Roccor LLC (Longmont, CO)

- satellites; advance the technology readiness level (TRL) of components for use in a modular, fully integrated advanced space power system, involving batteries and power management and distribution systems directly integrated onto the solar array, for use on spacecraft of interest to government and commercial customers; 23 Dec 2019
 - AFRL, Kirtland AFB, NM (FA9453-20-C-0017)

SigmaTech Corp. (Colorado Springs, CO)

- Integrated Services (OASIS) Small Business Pool 5B IDIQ for the Office of the Assistant Secretary of the Air Force for Space Acquisition & Integration (SAF/SP) systems, engineering, and technical assistance (SETA) → work primarily in

the D.C. area, specifically Pentagon and the National Capitol Region; 10 Feb 2020 via Air Force District of Washington, Joint Base Andrews, MD (FA7014-20-F-0028)

- task order provides SAF/SP technical, acquisition-related, and support advisory and assistance services in support of space activities; task order also utilized to focus on the following categories:
 - architectures and space support,
 - business and staff support,
 - policy and integration,
 - program management,
 - programs and analysis,
 - secretariat and fusion,
 - space control,

Sonalyts Inc. (Waterford, CT)

- Standard Space Trainer (SST) Space-Based Infrared System (SBIRS) Mission-Specific Vendor Plug-in Continuation Development and Option for Geosynchronous Earth Orbit 5 and 6; development of the training system supporting SBIRS operations under management of Space Training Acquisition Office; FA8806-19-C-0002; 14 Nov 2019
 - SMC Los Angeles AFB, CA

Space Ground Systems Solutions LLC (West Melbourne, FL)

- spacecraft engineering, software, R&D services to the Naval Center for Space Technology (NCST): supports software engineering development, maintenance, enhancement and configuration management support for all components contained within the Neptune™ software suite under direction of the NRL Configuration Control Board, and the VMOC™ software framework under the direction of the VMOC™ program management and software engineering teams → D.C. (50%); West Melbourne, FL (50%); N00173-15-D-2015; 11 Oct 2019
 - Naval Research Lab, Washington, D.C.
- research and prototype development of spacecraft electronics and space/airborne electronic systems and maintenance, development, enhancement and testing supporting mission operations of DOD space assets → work in D.C.; 8 June 2020
 - U.S. Naval Research Laboratory, Washington, D.C.

Tecolote Research Inc. (Goleta, CA)

- deliver a software development and information technology operations environment to support Space Command and Control Division under the Cross Mission and Ground Communications Enterprise Corps; support increasing the velocity of software delivery → work in El Segundo, CA; 30 Apr 2020
 - SMC, Los Angeles AFB, CA (FA8806-20-F-0001)

York Space Systems (Denver, CO)

- Space Development Agency Transport Layer Tranche 0, which includes on-time delivery of space vehicles and paths to optical intersatellite link interoperability success → Denver, CO (45.5%); San Diego, CA (13.4%); Los Gatos, CA (11.0%); Carlsbad, CA (9.0%); Los Angeles, CA (6.5%); Scottsdale, AZ (4.4%); Longmont, CO (4.1%); Bothell, WA (3.3%); Colorado Springs, CO (2.8%); HQ0850-20-R-0001; 31 Aug 2020
 - Space Development Agency, D.C. (HQ0850-20-C-0008)

“capitalize on the emerging small launch providers while providing dedicated and primary launch services to the DOD and other government agencies”; program allows for rapid acquisition of launch services to meet mission requirements for payloads greater than 400 pounds, enabling launch to any orbit within 12-24 months from task order award → work at contractor facilities and a variety of government launch sites, depending on mission requirements; issued 10 Oct 2019 via SMC Kirtland AFB, NM

- Aevum Inc., Huntsville, AL (FA8818-20-D-0006); Firefly Black LLC, Cedar Park, TX (FA8818-20-D-0004); Northrop Grumman; Rocket Lab USA Inc., Huntington Beach, CA (FA8818-20-D-0008); SpaceX; United Launch Alliance; VOX Space LLC., El Segundo, CA (FA8818-20-D-0007); Xbow Launch Systems Inc., Auburn, CA (FA8818-20-D-0002);