

Space Launch FY2021

Space Exploration Technologies Corp. a.k.a. SpaceX (Hawthorne, CA)

- Space Development Agency Tracking Layer Tranche 0, Wide Field of View program: on-time delivery of space vehicles and optical wide field of view payloads; HQ0850-21-C-0001; issued 5 Oct 2020
- early integration studies and fleet surveillance for non-national security space missions → work in Hawthorne, CA; Vandenberg AFB, CA; Cape Canaveral Air Force Station, FL; FA8811-21-F-0002; 9 Nov 2020
- launch services (first launch Sept 2022; entire constellation on orbit no later than 31 Mar 2023) from Vandenberg AFB for Tranche 0 Transport and Tracking Layer space vehicles → Hawthorne, CA; Vandenberg AFB, CA; and McGregor, TX; HQ085021C0005; 31 Dec 2020
- basic launch services and mission integration for USSF-36 and NROL-69 → Hawthorne, CA; Vandenberg AFB, CA; and Cape Canaveral AFS, FL; FA8811-21-F-0009 and FA8811-21-F-0010; 9 Mar 2021
- add mission-unique launch services to the USSF-67 mission → Hawthorne, CA; Vandenberg AFB, CA; Cape Canaveral Space Force Station (SFS), FL; FA8811-20-F-0007; 12 May 2021
- more work on Space Force 52, under the National Security Space Launch program → Hawthorne, CA; Kennedy Space Center, FL; McGregor, TX; FA8811-18-C-0003; 20 Aug 2021

United Launch Services (Centennial, CO)

This company is a joint venture of Boeing + Lockheed Martin.

- National Security Space Launch, phase 2: task orders provide basic launch services and mission integration for USSF-112 and USSF-87 → Centennial, CO, and Cape Canaveral Space Force Station, FL; FA8811-21-F-0011 and FA8811-21-F-0012; 9 Mar 2021
- mission integration requirements and other standard services for the Space Force-51 mission → Centennial, CO, and Cape Canaveral SFS, FL; under National Security Space Launch Phase 2 contract FA8811-20-D-0001; 9 Jun 2021
- Delta IV heavy launch services for Space Launch Complex (SLC)-6 non-routine facility expenses at Vandenberg AFB, CA; FA8811-19-C-0002; 16 Jul 2021
- Delta IV heavy launch services for SLC-37 non-routine facility expenses at Cape Canaveral SFS, FL; FA8811-19-C-0002; 23 Sep 2021

Range Generation Next LLC (Sterling, VA)

RG Next is a joint venture between General Dynamics and Raytheon.

- a telemetry end-to-end processing system at the Eastern Range: Patrick AFB, FL; Cape Canaveral Air Station, FL; Kennedy Space Center, FL; FA8806-15-C-0001; 19 Jan 2021
- a telemetry end-to-end processing system primarily in the Western Range: Vandenberg AFB and Pillar Point, CA; FA8806-15-C-0001; 24 May 2021
- support operations, maintenance, and sustainment of Launch & Test Range System at the Western Range and the Eastern Range; FA8806-15-C-0001; 21 Sep 2021

Space Support FY2021

The Aerospace Corp. (El Segundo, CA)

- federally funded research and development center (FFRDC) support; FA8802-19-C-0001; 22 Dec 2020 via Space Force, Space and Missile Systems Center, El Segundo, CA
- systems engineering and integration support for the National Space Community in El Segundo, CA; FA8802-19-C-0001; 22 Sep 2021

AT&T Global Solutions (Oakton, VA)

- cyber defense operations and related administrative services in Colorado (Schriever AFB, Buckley AFB) and California (Vandenberg AFB); task order FA2550-20-F-0041; 28 May 2021

Braxton Technologies LLC (Colorado Springs, CO)

- satellite operations, prototyping, and integration for support and delivery, network, infrastructure, hardware, and architecture at Colorado Springs, CO, and Los Angeles, CA; FA8806-19-C-0003; 21 Jul 2021

Call Henry Inc. (Titusville, FL)

- management and support, maintenance and repair, operations, and other services related to launch operations support at Vandenberg AFB, CA; FA4610-18-C-0005; 25 Mar 2021 via 30th Contracting Squadron, Vandenberg AFB

CGH Global Emergency Management Strategies (Cincinnati, OH)

- fire protection and emergency services at Cavalier Space Force Station, ND; FA4659-22-C0001; 14 Sep 2021

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

- radar tracking, space surveillance tracking, telemetry, timing and sequencing, communications, base and airfield operations, operations, maintenance, and engineering support for facilities, systems, equipment, utilities on Ascension Island Auxiliary Airfield; FA2521-21-C-0015; 25 Jan 2021

FCN Inc. (Rockville, MD)

- Endgame Endpoint Security program software subscription to maintain the weapon system components and weapon system baseline to meet Air Force Space Command authority to operate configurations; FA8307-20-F-0005; 19 Nov 2020

Frontier Technology Inc. (Beavercreek, OH)

- support and analysis to aid in rapid prototyping of enterprise ground services to Space Force, Colorado Springs, CO; FA8806-19-C-0004; 10 Sep 2021, 30 Sep 2021

Full Spectrum Operations (Fairfax Station, VA)

- Eastern Western Operational Communications Services (EWOCS): support the 45th Space Wing, 30th Space Wing, and Missile Defense Agency in communication systems maintenance, operations, and support voice, video, data, and infrastructure → Patrick Space Force Base, FL; Cape Canaveral Space Force Station, FL; Vandenberg AFB, CA; FA2521-21-D-0003; 30 Dec 2020

InDyne Inc. (Sterling, VA)

- management, operation, maintenance, and logistical support of Solid State Phased Array Radar Systems (SSPARS) at Beale AFB, CA; Cape Cod Air Force Station (AFS), MA; Clear AFS, AK; Thule Air Base, Greenland; and RAF Fylingdales, UK; FA2517-18-C-8000; 26 Feb 2021

Iridium Satellite LLC (Tempe, AZ)

- commercial satellite-based network services for DOD in the areas of satellite, ground node, user equipment / terminal software & hardware development, integration and testing → McLean, VA (50%); Tempe, AZ (50%); N00178-17-C-0001; 20 Nov 2020

Kegman Inc. (Melbourne, FL)

- advisory and assistance in support of the Air Force Technical Applications Center's (AFTAC) mission at Patrick Space Force Base; technical, programmatic, acquisition, expert panel, analyses, engineering, logistical and consultation support; travel and material purchases as needed and approved by government; FA7022-21-D-0002; 18 Dec 2020

Kratos Technology & Training Solutions Inc. (San Diego, CA)

- control system consolidated production and sustainment in Colorado Springs, CO; FA8808-13-C-0002; 23 Dec 2020 via Space and Missile Systems Center, Peterson AFB, CO

L3Harris (Salt Lake City, UT)

- Air Force and Army Anti-Jam Modem Half Transport Rack U.S Air Force Airborne Modem: 16 pre-production units under the delivery order → work in Salt Lake City, UT, and Camden, NJ; FA8808-21-F-0001; 27 Aug 2021 via Space Systems Command, Los Angeles AFB

L3Harris Technologies (Colorado Springs, CO)

- update and revise the Maintenance of Space Situational Awareness Integrated Capabilities system sustainment performance requirements in Colorado Springs, CO, and Dahlgren, VA; FA8823-20-C-0004; 27 Jan 2021

L3Harris (Melbourne, FL)

- Space Development Agency Tracking Layer Tranche 0, Wide Field of View program: on-time delivery of space vehicles and optical wide field of view payloads → continental U.S. (99.2%); Canada (0.8%); HQ0850-21-C-0002; 5 Oct 2020

L3Harris Technologies (Anaheim, CA)

- Military GPS Users Equipment Miniature Serial Interface Increment 2 Application Specific Integrated Circuit (MGUE Inc 2 MSI ASIC): design, develop, build, integrate, qualify the MSI receiver card with next generation ASIC to enable production of M-Code-capable GPS receiver products for various service applications identified in the MGUE Inc 2 Capability Development Document and all other user platforms that require secure positioning navigation and timing → Cedar Rapids, IA; Anaheim, CA; El Segundo, CA; FA8807-21-C-0006; 6 Nov 2020 (with Raytheon El Segundo and Cedar Rapids) via Air Force Space Command, Space and Missile Systems Center, Los Angeles AFB, CA
- Military GPS User Equipment (MGUE) Increment 2 Miniature Serial Interface (MSI); incorporate an MSI engineering change proposal into the baseline; FA8807-21-C-0005; 6 Jul 2021

LinQuest Corp. (Los Angeles, CA)

- advisory and assistance services for Space Operations Command, Peterson AFB, CO; FA2518-21-D-0001; 16 Feb 2021
- technical requirement areas in an R&D environment in Dahlgren, VA; FA4890-21-D-0001 through -0011; 4 Mar 2021 (1 of 11 corporations on the IDIQ contract)
- advisory and assistance and knowledge-based services to continue the development of U.S. Space Command → Peterson AFB, CO, and Schriever AFB, CO; FA2518-21-C-0003; 21 Apr 2021
- continued support of pre-launch, launch and early orbit, on-orbit satellite activities, and anomaly resolution → Kirtland AFB, NM, and Schriever AFB, CO; FA8818-16-C-0035; 28 May 2021
- digital engineering and model-based systems engineering, agile processes, open systems architecture, weapons and enterprise analytics for Eglin AFB, FL, (Eglin's Armament Mission) and its partners; \$46B across 55 corporations; FA8656-21-D-A001; 3 Sep 2021

Lockheed Martin (King of Prussia, PA)

- system sustainment of Meteorological Data Station; some spectrum relocation funds allocated; FA8823-17-C-0003; 30 Oct 2020 via Space and Missile Systems Center, Peterson AFB, CO
- see *Big 12 Pennsylvania* document for more details

Management Consulting & Research Inc. (McLean, VA)

- software licenses, platform, cyber and toolchain support applicable to the development operations (DevOps) environment contract: Platform 1 improvements in El Segundo, CA; FA8806-20-F-0002; 30 Jul 2021

ManTech (Herndon, VA)

- additional specialized acquisition and operations security services In California (Los Angeles AFB, Vandenberg AFB) and Colorado (Peterson AFB, Schriever AFB); FA8819-18-C-1001; 17 Nov 2020
- launch enterprise with systems engineering, integration, launch systems support engineering, mission integration, security systems and other systems engineering & integration (SE&I) functions re: space launch, launch service providers integration, certification support, and fleet surveillance support → Los Angeles AFB, Vandenberg Space Force Base, CA; Cape Canaveral Space Force Station, FL; FA8811-21-C-0001; 20 Jul 2021

Millennium Engineering and Integration Co. (Arlington, VA)

- systems engineering and integration services for new launch service provider entrant certification at Los Angeles AFB, CA; Vandenberg AFB, CA; and Cape Canaveral Space Force Station, FL; task order FA8811-18-F-4001; 19 Feb 2021

NAL Research Corp. (Manassas, VA)

- integrating existing, new, or modified Iridium devices and Iridium network capabilities for ISR requirements at Naval Surface Warfare Center, Dahlgren Division; N00178-21-D-4402; 1 Jun 2021

Nanometrics Inc. (Ottawa, Canada)

- capabilities and technological advancements for the Air Force Technical Applications Center's mission; provide for the replacement of obsolete geophysical field systems seismometers and data acquisition system; first delivery order at Eielson AFB, AK; FA7022-21-D-0003; 12 Apr 2021

Omitron Inc. (Beltsville, MD)

- continued Space Sensor Calibration Software development: provide "the means to overcome the unique challenge in the arena of object cataloging, catalog maintenance, and space event management" by automating legacy Space Domain Awareness workflows, tasks, calibration and validation; FA8806-21-C-0009; 23 Sep 2021

Palantir USG Inc. (Palo Alto, CA)

- Palantir Gotham platform for the COVID-19 response at Los Angeles AFB, CA; Palantir Gotham Platform, which is a commercial software that will be accessed by the Air Force “to facilitate the critical efforts necessary to coordinate decisions in response to the COVID-19 pandemic”; FA8806-21-C-0002; 22 Oct 2020
 - o Space Force Space and Missile Systems Center, Los Angeles AFB, CA (FA8806-21-C-0002)
- data-as-a-service platform for two separate mission areas: (1) Project Brown Heron that has the Palantir Gotham platform configured to automatically ingest data from across the Department of the Air Force (DAF) that continually push personnel, equipment, planning, health, and other readiness data sources into their common data foundation. This readiness information is “a critical component to DAF-wide COVID-19 analysis and decision making.” (2) mission-critical space situational awareness and command and control capabilities to operational users at the National Space Defense Center and the Combined Space Operations Center; FA8806-21-C-0010; 30 Apr 2021

The Perduco Group Inc. (Beavercreek, OH)

- tradespace analysis support “filling critical analysis gaps in acquisitions and increase the rigor of Space Force and Air Force, Army, Navy, and other [DOD] entities in resourcing decisions towards them”; Small Business Innovation Research (phase III) → work primarily in Colorado Springs, CO; FA2544-21-D-0001; 5 Mar 2021

Perspecta Engineering Inc. (Chantilly, VA)

- mission system engineering and integration support: overall technical leadership for integrating Tranche 0 elements and executing on-orbit tests and experiments, “culminating in a Capstone event which demonstrates potential capabilities” → Chantilly, VA; Valley Forge, PA; Blossom Point, MD; Colorado Springs, CO; El Segundo, CA; Huntsville, AL; Melbourne, FL; Space Development Agency, D.C.; HQ0850-21-F-0001; 22 Oct 2020 via Space Development Agency

Serco Inc. (Herndon, VA)

- Ground-based Electro-Optical Deep Space Surveillance system support in USA (Socorro, NM; Maui, HI); and Diego Garcia; FA2517-20-C-0003; 12 Feb 2021

SigmaTech, Corp. (Colorado Springs, CO)

- systems engineering and technical assistance for principal assistant to the Secretary of the Air Force for Space Office’s (SAF/SP) re: space activities; FA7014-20-F-0028; 23 Feb 2021
- Launch, Range, and Networks advisory and assistance support: technical support in the areas of operations, planning, budgeting, resource analysis, requirements development and justification, mission communications engineering and enterprise support, configuration control, project integration, studies, aeronautical procedures and program reviews in support of mission operations, research and development needed to support system development and integration, and sustainment activities → work at Peterson AFB, CO; FA2518-21-F-0007; 3 May 2021

Solutions Through Innovative Technologies (Fairborn, OH)

- advisory and assistance services to support Army Space & Missile Defense Command’s Satellite Operations Brigade; W91260-20-F-5001; 12 Aug 2021

Summit Technical Solutions LLC (Colorado Springs, CO)

- management, operation, maintenance & logistical support for Perimeter Acquisition Radar Attack Characterization System (PARCS) at Cavalier Air Force Station, ND; FA2517-17-C-8000; 1 Mar 2021

Tecolote Research Inc. (Goleta, CA)

- acquisition and financial support advisory and assistance services at Los Angeles AFB, CA; Kirtland AFB, NM; Cape Canaveral Space Force Space Station, FL; and the Pentagon; task order FA8811-20-F-0001; 13 May 2021
- software licenses, platform, cyber and toolchain support applicable to the development operations (DevOps) environment contract: Platform 1 improvements; FA8806-20-F-0001; 30 Jul 2021

ViaSat Inc. (Carlsbad, CA)

- studies, design, manufacturing, integration, performance qualification, network space segment elements, launch, flight and demonstration of prototype space systems; includes development, integration, and demonstration with ground terminals in conjunction with the government ground segment; FA9453-21-D-0029; 2 Feb 2021 via Air Force Research Lab, Kirtland AFB, NM

Military GPS Users Equipment Miniature Serial Interface Increment 2 Application Specific Integrated Circuit (MGUE Inc 2 MSI ASIC): design, develop, build, integrate, qualify the MSI receiver card with next generation ASIC to enable production of M-Code-capable GPS receiver products for various service applications identified in the MGUE Inc 2 Capability Development Document and all other user platforms that require secure positioning navigation and timing capability → work in Cedar Rapids, IA; Anaheim, CA; El Segundo, CA; 6 Nov 2020 via Air Force Space Command

- Interstate Electronics Corp., Anaheim, CA (FA8807-21-C-0006);
- Raytheon, El Segundo (FA8807-21-C-0007);
- Rockwell Collins Inc., Cedar Rapids, IA (FA8807-21-C-0005);

Construction related to militarization of space

Hensel Phelps Construction Co. (Thornton, CO)

- build the Consolidated Space Operations Facility at Schriever AFB, Colorado Springs, CO; 1 Sep 2021

M.C. Dean (Tysons, VA)

- recapitalize the power-generation plant and supervisory control and data acquisition controls system at Buckley AFB in Aurora, CO; 27 Aug 2021

Puyenpa Construction LLC (Duckwater, NV)

- construction on Schriever Space Force Base, CO; 27 Sep 2021

Qayaq Government Solutions LLC (Anchorage, AK)

- build a new space control facility at Peterson AFB, CO; 1 Mar 2021 via U.S. Property and Fiscal Office, CO

RQ Construction (Carlsbad, CA)

- install electrical power supply backup devices for several buildings and for the construction of a new switchgear building on Wallops Island, VA; task order N4008521F5515; 8 Jun 2021

installation infrastructure repair and/or construction “necessary to meet Space Force and other customer requirements” in Florida (Patrick Space Force Base, Cape Canaveral Space Force Station, Kennedy Space Center, and other 45th Space Wing units); 30 Apr 2021 via 45th Contracting Squadron, Patrick SFB, FL

- ABBA Construction Inc., Jacksonville, FL (FA2521-21-D-0004);
- Alen Construction Group, Davie, FL (FA2521-21-D-0005);
- APC Construction, Harvey, LA (FA2521-21-D-0006);
- CORE Engineering & Construction Inc., Winter Park, FL (FA2521-21-D-0007);
- Doyon Management Services LLC, Federal Way, WA (FA2521-21-D-0008);
- General Mechanical Corp (Oneida), Daytona Beach, FL (FA2521-21-D-0009);
- Healthon Inc., New Orleans, LA (FA2521-21-D-0010);
- Ivey’s Construction Inc., Merritt Island, FL (FA2521-21-D-0011);
- Justin J. Reeves LLC, Houma, LA (FA2521-21-D-0012);
- Klutina Rivers Construction/AHTNA-CDM JV, Irvine, CA (FA2521-21-D-0013);