

## Big 5 War Corporations – Midwest, FY2020

### General Dynamics Land Systems (Sterling Heights, MI)

- small multipurpose equipment transport systems; support hardware including authorized stockage list kits and prescribed load list kits; services for refurbishment, user training, field service representative, system technical support, program management support for pre-production meetings, and storage; W56HZV-20-D-0002; 30 Oct 2019
- Abrams systems technical support; W56HZV-17-C-0067; 1 Nov 2019, 14 Nov 2019
- Improved Fire Control Electronics Units in Tallahassee, FL; W56HZV-20-F-0060; 8 Nov 2019
- FMS (Kuwait): contractor logistics services, maintenance training, and technical assistance in Kuwait City, Kuwait; W56HZV-20-C-0031; 6 Dec 2019
- Abrams Systems technical support; includes some FMS to Kuwait; W56HZV-17-C-0067; 30 Jan 2020
- Abrams systems technical support (w some FMS to Kuwait); W56HZV-17-C-0067; 27 Feb 2020
- maintain and deploy Stryker vehicles (12 more months of services); W56HZV16-D-0025; 28 Feb 2020
- sight extensions; SPRDL1-20-D-0053; 21 Feb 2020 (w Seiler Instrument & Manufacturing Co. Inc., St. Louis, MO)
- Abrams Systems technical support; W56HZV-17-C-0067; 27 Mar 2020
- Abrams systems technical support; W56HZV-17-C-0067; 7 May 2020
- logistics support and training services to the Iraqi Army in Taji, Iraq; Fiscal 2010 Iraq train and equip (Army) funds; W56HZV-17-C-0026; 29 May 2020
- Abrams systems technical support; some FMS to Egypt; W56HZV-17-C-0067; 1 June 2020
- production of Stryker Double V-Hull A1 engineering change proposal vehicles; W56HZV-20-D-0005; 10 June 2020
- FMS (Taiwan): Abrams systems technical support; W56HZV-17-C-0067; 6 July 2020
- Increment I of the Small Multipurpose Equipment Transport; provide field service representative support for remaining test events, data deliverables, refurbishment of test systems, production of S-MET systems, associated authorized stock list kits and prescribed stock list kits; W56HZV-20-F-0382; 15 July 2020
- improved fire control electronics units in support of the Abrams expedited active protection system-trophy → Tallahassee, FL; W56HZV-20-F-0060; 17 Jul 2020
- FMS (Kuwait): adjust delivery schedule for M1A2K Abrams tanks → Lima, OH; W56HZV-18-D-0012; 31 July 2020
- field level maintenance, field service representative support, contingency maintenance support, new equipment training and total package fielding for the family of Stryker vehicles; W56HZV-20-D-0075; 10 Aug 2020
- receipt, inspection, diagnosis, repair, testing, storage, issue and unique identification marking to parts for the M1A1/M1A2 Abrams tank, M2A3/M3A3 Bradley fighting vehicle and the M104 Wolverine platforms → Fort Hood, TX; Anniston, AL; Sterling Heights, MI; Tallahassee, FL; W56HZV-20-C-0216; 18 Sep 2020
- Stryker Anti-Tank Guided Missile vehicle kits; W56HZV-20-D-0011; 25 Sep 2020
- Interim Maneuver Short-Range Air Defense (IM-SHORAD) systems (produce, test, deliver); W31P4Q-20-D-0039; 30 Sep 2020

### Northrop Grumman Systems Corp. (Cincinnati, OH)

- DORE2 with a combined ceiling value of \$990,000,000; DIA will [procure](#) Data Science, Operations, Requirements, Exploitation and Engineering (DORE2) services to support DIA Directorate for Science and Technology missions; work at contractor facilities and at government facilities in the National Capital Region through 2025; HHM402-20-D-0012; 2 Mar 2020 IDIQ awarded w 6 others (incl BAH, CACI, GD)

### UTC Collins Aerospace (Troy, OH)

- performance-based support of C-130 heat stacks; SPRHA1-20-D-0001; 1 Apr 2020

### UTC Hamilton Sundstrand Corp. (Rockford, IL)

- non-recurring engineering and equipment for system integration lab activities in support of the V-22 aircraft Constant Frequency Generator Control Unit design improvement effort for Navy (\$7,073,336; 70%); Air Force (\$1,742,396; 17%); Japan (\$1,259,390; 13%) → Rockford, IL (96%); Patuxent River, MD (2%); locations in the U.S. (2%); N00019-19-C-0006; 18 Nov 2019

### Northrop Grumman Systems Corp. (Rolling Meadows, IL)

- non-recurring engineering support for the integration of AN/AAQ-24 on multiple aircraft platforms for the Army; N00019-15-G-0026; 23 Oct 2019
- hardware, systems engineering, technical support, analysis and studies to integrate Navy's Large Aircraft Infrared Countermeasures system onto aircraft for U.S. Navy (\$82,625,265; 67%); Army (\$25,262,278; 20%); Air Force (6,345,226; 5%); New Zealand (\$6,338,009; 5%); Norway (\$2,955,946; 2%) → Rolling Meadows, IL (34%); Goleta, CA

- (30%); Longmont, CO (11%); Blacksburg, VA (6%); Lewisburg, TN (3%); Boulder, CO (3%); Carlsbad, CA (2%); Apopka, FL (1%); various locations within CONUS (10%); N00019-19-C-0011; 1 May 2020
- the electronic systems test set, ALQ-155 power management system, ALQ-161 defensive avionics system (DAS), and Band 6/7/9 of B-1B ALQ-161 DAS → Rolling Meadows, IL; FA8524-20-D-0011; 28 May 2020
- AAQ-24 ATW sensors for U.S. Navy; SPE4A1-16-G-0005; 2 June 2020
- Advanced Tactical Datalink test units and additional detailed technical demonstrations; also provides studies & analysis of the system “relative to emerging mission threats not previously anticipated”; N68936-17-D-0017; 7 July 2020
- FMS (Saudi Arabia, UAE, Qatar): re-manufacturing and delivery of the APR-39C(V)1 radar data processor; W58RGZ-20-C-0018; 12 Aug 2020
- guardian laser transmitter assemblies, countermeasure transmitters in support of the Common Avionics program; SPE4A1-16-G-0005; 14 Aug 2020
- hardware, technical engineering support, management support and logistics support to fabricate, assemble, test and deliver AN/APR-39C(V)2 and AN/APR-39D(V)2 radar warning receiver hardware for DOD and FMS aircraft → Rolling Meadows, IL (45%); Landsdale, PA (13%); Menlo Park, CA (13%); Woburn, MA (9%); Lewisburg, TN (6%); Longmont, CO (4%); Madison, WI (3%); Newark, DE (2%); Niagara Falls, NY (2%); Syracuse, NY (2%); various locations within the continental U.S. (1%); N00019-20-C-0054; 28 Sep 2020

Raytheon (Fort Wayne, IN)

- Advanced Field Artillery Tactical Data System for Jordan; W91CRB-20-C-5016; 18 June 2020

Raytheon (Indianapolis, IN)

- repair the APG 65/73 radar systems in support of the F/A-18 aircraft; N00383-18-G-N701; 16 Mar 2020
- systems and software engineering, integration, test, avionics acquisition, as well as software support activity and operations to include: configuration and data management, release of avionics software products and related systems in support of the V-22 aircraft; N00019-15-G-0003; 30 Mar 2020
- support Naval Air Warfare Center Aircraft Division (NAWCAD); contracts are for three distinct lots, each with established vendor pools supporting different requirements; N00421-20-D-0088; major \$7.14B (w other corporations); 15 Apr 2020
  - o Lot I = full rate production of mission system avionics.
  - o Lot II = full rate production of other aircraft components, production and installation of modification kits.
  - o Lot III = full rate production of other aircraft components, production and installation of modification kits.

United Technologies Collins Aerospace, Rockwell Collins Inc. (Cedar Rapids, IA)

- non-recurring engineering support to modernize the High Power Transmit System (HPTS) installed on the E-6B aircraft; modernizes weapons replaceable assemblies and subsystems of the HPTS “to avoid obsolescence” → Richardson, TX (99%); Cedar Rapids, IA (1%); N00019-14-G-0021; 18 Oct 2019
- additional in-scope work and technical data to refurbish and update the E-2D Integrated Training System-III at Naval Station Norfolk, VA; N61340-17-C-0014; 6 Dec 2019
- integration and retrofit of Delta Software System Configuration 3 onto four Distributed Readiness Trainers (D-DRT) for E-2D Integrated Training System → Sterling, VA (60%); Iwakuni, Japan (20%); Point Mugu, CA (10%); Norfolk, VA (10%); N61340-18-C-0051; 20 Dec 2019
- computer digital data, power supply and display unit; SPRRA1-20-D-0001; 2 Jan 2020
- Joint Precision Approach & Landing Systems Airborne Radio Communication ARC-210 Generation 5 radio units for U.S. Navy; N68335-20-D-0006; 29 Jan 2020
- updates to the Delta Software System Configuration #3 software baseline to include the visual system and cyber security on tactics and flight trainer devices; also provides technology refresh and aircraft concurrency updates on tactics devices, aircraft concurrency and aerial refueling updates on the flight devices, tactics and flight device training and associated technical data → Point Mugu, CA; N61340-17-C-0014; 31 Jan 2020
- updates to the Delta Software System Configuration #3 software baseline to include the visual system and cyber security on tactics and flight trainer devices; also provides technology refresh and aircraft concurrency updates on tactics devices, aircraft concurrency and aerial refueling updates on the flight devices, tactics and flight device training and associated technical data for E-2D Integrated Training System → work in Point Mugu, CA; N61340-17-C-0014; 3 Feb 2020
- software modernization upgrades to the suite of the E-2D Integrated Training System tactics and flight trainer devices → work in Norfolk, VA; N61340-17-C-0014; 27 Mar 2020

- cryptographic modernization of the Tactical Air Command Network 1.0/1.1 weapon data link radio for the Navy Harpoon Block II+ (HII+), Joint Standoff Weapon and Small Diameter Bomb Increment II programs; N00421-17-G-0003; 30 Mar 2020
- support NAWCAD; contracts are for three distinct lots, each with established vendor pools supporting different requirements; N00421-20-D-0078/0094; part of major \$7.14B; 15 Apr 2020
  - o Lot I = full rate production of mission system avionics.
  - o Lot II = full rate production of other aircraft components, production and installation of modification kits.
  - o Lot III = full rate production of other aircraft components, production and installation of modification kits.
- small mission computer hardware and executable software for the RQ-7B Shadow Tactical Unmanned Aircraft System; W9111QY-20-C-0060; 8 May 2020
- support the sustainment of Common Range Integrated Instrumentation System (CRIIS), upgrading the test and evaluation instrumentation at Eglin AFB, FL; Edwards AFB, CA; Naval Air Station, Patuxent River, MD; White Sands Missile Range, New Mexico; Nevada Test and Training Range, Nevada; Naval Air Weapons Station, China Lake, CA; and Naval Air Station, Point Mugu, CA → work at Rockwell Collins facilities; Cedar Rapids, Iowa; Richardson, TX; FA8678-10-C-0058; 20 May 2020
- produce, install, integrate and test KGR-72 very low frequency receiver A and B-kits into 14 E-6B aircraft and associated training systems → Richardson, TX; N00019-19-G-0031; 29 May 2020
- maturation, demonstration, and proliferation of capability across platforms and domains, leveraging open systems design, modern software and algorithm development in order to enable Joint All Domain Command and Control (JADC2); provide for development and operation of systems as a unified force across all domains (air, land, sea, space, cyber and electromagnetic spectrum) in an open architecture family of systems that enables capabilities via multiple integrated platforms; FA8612-20-D-0001; 29 May 2020 (w many other corporations)
- continued research, development, production, and sustainment of the common avionics architecture system, avionics management system, and cockpit management system used on Army special operations aircraft; H92241-20-D-0002; 17 Jul 2020
- services and supplies in support of modernization, expansion and depot-level contractor logistic support; support for Scope (*sic*) Command's High Frequency Global Communications System → work in Richardson, TX; FA8102-16-D-0005; 6 Aug 2020
- avionics support services and incidental materials for Lockheed Martin UH-60M Black Hawk multifunction display avionics suite for UH-60M mission design series and variant helicopters; W58RGZ-20-F-0535; 14 Sep 2020
- AN/ARC-210(v) radios for installation in over 400 airborne, seaborne and land based (mobile and fixed) platforms for USA (DOD and other government agencies) and FMS; N00421-18-D-0004; 17 Sep 2020
- initial spare parts, aircraft common equipment, and aerial refueling equipment in support of the E-2D Integrated Training System flight and maintenance trainer devices → Norfolk, VA (95%); Point Mugu, CA (5%); N61340-17-C-0014; 18 Sep 2020
- Software Programmable Agile Radio for Tactical Connected Ubiquitous Systems software/hardware system prototype for Air Force Research Lab; develop a low-cost, high-performance ground radio that supports multiple waveforms; FA8750-20-C-1542; 21 Sep 2020

#### Northrop Grumman Alliant Techsystems Operations (Plymouth, MN)

- M230 30MM automatic gun and the Bevel Gear; W56HZV-20-D-0003; 22 Nov 2019
- M829A4 120mm Armor Piercing, Fin Stabilized, Discarding Sabot with Tracer cartridge → Plymouth, MN; Keyse, WV; Morgan Hill, CA; Jonesborough, TN; Elk River, MN; Coachelle, CA; Aschau, Germany; W15QKN-20-C-0002; 19 Dec 2019
- precision guidance kits; W15QKN-13-C-0074; 20 Mar 2020
- precision guidance kit M1156; W15QKN-13-C-0074; 6 Apr 2020
- 120mm M1002 new production cartridges for 120mm tank training ammunition; W52P1J-17-C-0025; 29 May 2020
- GPS receiver for precision guidance kit M1156; W15QKN-13-C-0074; 11 June 2020
- M4A1 Selectable Lightweight Attack Munition (SLAM) and the M320A1 SLAM trainer kit; CW15QKN-20-D-0012; 30 June 2020
- long lead items for the production of XM813 Cannons for the Stryker Medium Caliber Weapon System 30mm Lethality Upgrade program; W56HZV-20-D-0108; 24 Sep 2020

#### General Dynamics Mission Systems (Minneapolis, MN)

- upgrade Navy owned Type 3 Advanced Mission Computers (AMC) with a fourth general purpose processor (GPP) to create a Type 3 extra processor and upgrade of all the Warfare Management Computer A11 cards with mission system computer equivalent GPP in support of Advanced Mission Computer and Display; 30 Sep 2020
  - o Naval Air Warfare Center Aircraft Division, Patuxent River, MD (N00421-20-C-0047)

General Dynamics Mission Systems (Bloomington, MN)

- major \$7.14 billion contract to support NAWCAD; contracts are for three distinct lots, each with established vendor pools supporting different requirements; N00421-20-D-0080; 15 Apr 2020
  - o Lot I = full rate production of mission system avionics
  - o Lot II = full rate production of other aircraft components, production and installation of modification kits
  - o Lot III = full rate production of other aircraft components, production and installation of modification kits
- maturation, demonstration, and proliferation of capability across platforms and domains, leveraging open systems design, modern software and algorithm development in order to enable Joint All Domain Command and Control (JADC2); development and operation of systems as a unified force across all domains (air, land, sea, space, cyber and electromagnetic spectrum) in an open architecture family of systems that enables capabilities via multiple integrated platforms; FA8612-20-D-0001; 29 May 2020 (w many others)
- ATSP4 for DMEA on 11 June 2020 w 7 others