

## Lockheed Martin Rotary & Mission Systems FY2019

### Lockheed Martin RMS (King of Prussia, PA)

- management, sustainment, and upgrade of the Tactical Tomahawk Weapons Control System software product baseline and the required system and software documentation → King of Prussia, PA (98%); Patuxent River, MD (2%); N00019-15-G-0057; U.S. Navy (\$8,687,257; 79.4%); U.K. (\$2,251,980; 20.6%); 1 Feb 2019
  - o NAVAIR Patuxent River, MD
- Joint Air-to-Surface Standoff Missile (JASSM) Enterprise Management System 8.0; enhancements to the software package known as the JASSM Enterprise Management System; 22 March 2019
  - o AFLCMC, Eglin, AFB, FL (FA8682-19-C-0012)

### Lockheed Martin RMS (Colorado Springs, CO)

- support development, deployment, and sustainment of the Objective Simulation Framework Modeling & Simulation framework that leverages existing or mature capabilities with a modular, scalable, reconfigurable, and composable architecture in Huntsville, AL; 19 Nov 2018
  - o MDA Redstone Arsenal, AL (HQ0147-19-D-0002)

### Lockheed Martin RMS (Liverpool, NY)

- production of low-cost conformal arrays → Liverpool, NY (90%); Marion, MA (8%); Owego, NY (2%); N00024-14-C-6227; 4 Dec 2018
- Surface Electronic Warfare Improvement Program (SEWIP<sup>1</sup>) full rate production, Block 2 subsystems (AN/SLQ-32(V)6) → work in Liverpool, NY (23%); Lansdale, PA (23%); Andover, MA (21%); Frankfort, NY (9%); Hamilton, NJ (7%); Hauppauge, NY (7%); Brockton, MA (3%); West Yorkshire, U.K. (2%); Minneapolis, MN (2%); Huntsville, AL (2%); Lancaster, PA (1%); N00024-16-C-5363; 21 Dec 2018
- TB-37 Multi-Function Towed Array production units, accessories, shipping products, and spare modules → Liverpool, NY (66%); Millersville, MD (33%); Marion, MA (1%); N00024-13-C-6292; 31 May 2019
- E-2D depot level repair capability for AN/APY-9 radar line replaceable modules (LRM); provides technical services in support of development of electronic Consolidated Automated Support System (eCASS) compatibility reports and the associated technical data for AN/APY-9 radar avionics LRM; also provides technical services for development system specifications that define the functional performance for the operational test program sets to test the LRM on the eCASS → Liverpool, NY (45%); El Segundo, CA (25%); Melbourne, FL (24%); Baltimore, MD (6%); 23 Sept 2019
- Sentinel A4 Radar Systems; 25 Sept 2019

### Lockheed Martin RMS (Riviera Beach, FL)

- engineering support services in support of Unmanned Undersea Vehicle (UUV) subsystem development; engineering services will be used to develop and study UUV subsystems and concepts initially developed under the Extra Large Unmanned Undersea Vehicle (XLUUV) program, including navigational capabilities, autonomy, and payload deployment; N00024-17-C-6308; 17 July 2019
  - o NAVSEA D.C.

### Lockheed Martin RMS (Moorestown, NJ)

- engineering services in support of land-based test site maintenance, inventory control, diminishing material source efforts, and program management for the Mk 92 fire control system; N6339417G0001; U.S. Navy (16%); Philippines (40%); Egypt (20%); Saudi Arabia (16%); Poland (4%); Taiwan (2%) → Huntsville, AL (26%); Philippines (20%); Egypt (17%); Moorestown, NJ (13%); Saudi Arabia (13%); Port Hueneme, CA (4%); Poland (3%); Taiwan (2%); Nigeria (2%); 5 Oct 2018
  - o Naval Surface Warfare Center, Port Hueneme, CA
- new-construction DDG Aegis Weapon System Baseline K2 development and integration for **South Korea's** Navy; provides for combat system installation, staging and integrated logistics support required for the installation, test and delivery of the Aegis Combat System K2 baselines for three South Korea Navy DDGs; efforts include program management, system engineering and computer program development; ship integration and testing; technical manuals and planned maintenance system documentation → Moorestown, NJ (66%); Ulsan, South Korea (18%); Seoul, South Korea (7%); Camden, NJ (7%); D.C. (2%); 30 Oct 2018
  - o NAVSEA D.C. (N00024-19-C-5102)
- ship integration and test of the Aegis Weapon System (AWS) for AWS baselines through Advanced Capability Build (ACB) 12 → work in Bath, ME (41%); Moorestown, NJ (17%); Pascagoula, MS (9%); Norfolk, VA (8%); Camden, NJ (8%); San Diego, CA (6%); Corona, CA (5%); Deveselu, Romania (3%); Mayport, FL (2%); various places below 1% (1%); N00024-14-C-5104; 30 Nov 2018
  - o NAVSEA D.C.
- design, develop, and deliver the Homeland Defense Radar - HI (HDR-H) providing autonomous acquisition and persistent precision tracking and discrimination to optimize the defensive capability of the Ballistic Missile Defense System and "counter evolving threats" → Moorestown, NJ; Oahu, HI; 18 Dec 2018
  - o exact location in Oahu, HI, will be determined at the conclusion of the ongoing site selection and National Environmental Policy Act processes

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<sup>1</sup> SEWIP is an acquisition and incremental development program to upgrade AN/SLQ-32(V) electronic warfare systems. SEWIP Block 2 "will expand upon the receiver/antenna group necessary to keep capabilities current with the pace of the threat and to yield improved system integration."

- MDA Redstone Arsenal, AL (HQ0147-19-F-0018)
- AEGIS Baseline 9 Integration and Delivery, TI-08 CG Upgrade, AEGIS Baseline 9 Capability Development, Capability Improvements, Baseline 9 Sea Based Non-Cooperative Target Recognition Development and Radar Engineering; N00024-16-C-5102; 2 Jan 2019
  - NAVSEA D.C.
- AEGIS Ballistic Missile Defense (BMD) 4.0.2 equipment for Shipset 23 and BMD spares → Moorestown, NJ (54%); Clearwater, FL (46%); N00024-14-C-5106; 28 Jan 2019
  - NAVSEA D.C.
- installation; test and training; logistics and material planning; and additional program planning, technical coordination and scheduling for Aegis BMD 4.x aboard AEGIS destroyers for the AEGIS BMD program office; HQ0276-10-C-0001; 29 Jan 2019
  - MDA Dahlgren, VA
- FMS (Japan): incorporation of remaining Baseline J7 scope for new-construction DDG Aegis Weapon System J7 Baseline development and integration in support of the Japan Maritime Self-Defense Force → Moorestown, NJ (73%); Yokohama, Japan (11%); Mount Laurel, NJ (6%); Kawasaki, Japan (3%); Nasu, Japan (3%); Nagoya, Japan (2%); Tokyo, Japan (1%); D.C. (1%); N00024-18-C-5105; 11 Feb 2019
  - NAVSEA D.C.
- ship integration and test of the Aegis Weapon System (AWS) for AWS Baselines through Advanced Capability Build 16 → Camden, NJ (43%); Pascagoula, MS (25%); Norfolk, VA (12%); Everett, Washington (10%); VA Beach, VA (6%); San Diego, CA (3%); and Washington, DC (1%); N00024-15-C-5151; 19 Feb 2019
  - NAVSEA D.C.
- support Aegis Ballistic Missile Defense (BMD) capability insertion under Line Item Number 0160 for the Aegis BMD Program Office; HQ0276-10-C-0001; 21 Feb 2019
  - MDA Dahlgren, VA
- engineering and design support services necessary to support the Aegis Ashore Japan FMS Technical Assistance Case in preparation of the AA Japan Main Case under Line Item Number 0134; HQ0276-10-C-0001; 28 Feb 2019
  - MDA Dahlgren, VA
- software maintenance support, identify, analyze, correct, test, and merge/rebase of the Common Source Library infrastructure and software discrepancies originating from heritage Aegis Ballistic Missile Defense Computer Programs; HQ0276-10-C-0001; 9 April 2019
  - MDA, Dahlgren, VA
- AEGIS Speed to Capability Development; provides for systems engineering, modeling and simulation, and design for AEGIS Speed to Capability cycles as well as the completion of the development and fielding of the AEGIS Baseline 9 AEGIS Weapon System and integrated AEGIS Combat System on AEGIS Technical Insertion (TI) 12 configured destroyers as well as TI 12 and TI 08 configured cruisers → Moorestown, NJ (97%); Johnstown, PA (3%); N00024-16-C-5102; 26 April 2019
  - NAVSEA D.C.
- AEGIS Ashore Support and Ship Integration and Engineering of AWS for AWS Baselines through Advanced Capability Build (ACB) 16 → Camden, NJ (29%), Deveselu, Romania (15%), Redzikowo, Poland (15%), Moorestown, NJ (13%), Norfolk, VA (9%), San Diego, CA (9%), Pearl Harbor, HI (5%), and various places below 1% (5%); N00024-15-C-5151; 26 April 2019
  - provides for AEGIS ashore on-site support in Romania and Poland, AEGIS Ashore Planning Yard support and Ship Integration Engineering support including technical data package and test package / procedure development; technical documentation; feasibility studies; configuration management support; lifecycle and system engineering; environmental qualification testing; topside analysis; Ballistic Missile Defense engineering; combat system alignment and integration of Advanced Naval Weapon Systems on DDG 51 Class ships.
  - NAVSEA D.C.
- AEGIS combat system engineering, architecture, development, integration and test; Naval Integrated Fire Control-Counter Air integration and test; and training, studies and computer program maintenance; N00024-13-C-5116; 7 May 2019
  - NAVSEA D.C.
- AEGIS integrated logistics support and sustainment services for Advanced Capability Build 16 / Technical Insertion 12 Hybrid and legacy baselines and equipment; logistics and sustainment support for the in-service AEGIS ship fleet, ashore sites, and FMS ships, as well as the retrofit of modernizations / upgrades for which integrated logistics products will be made available to ensure supportability across the entire lifecycle timeline; N00024-18-C-5109; 17 May 2019
  - NAVSEA D.C.
- AEGIS development and test sites operation and maintenance at the Combat Systems Engineering Development Site, SPY-1A Test Facility and Naval Systems Computing Center for U.S. Navy (34.7%), MDA (22.7%) Japan (34.4%), Australia (4.7%), South Korea (2.1%), Norway (1.4%); N00024-18-C-5103; 19 June 2019
  - NAVSEA D.C.
- Combat System Ship Integration and Test on Guided Missile Frigate (FFG(X)) new-construction ships → work at FFG(X) ship builder location (70%) and Moorestown, NJ (30%); 1 July 2019
  - NAVSEA D.C. (N00024-19-C-5602)
- AEGIS Baseline 9 integration and delivery, Aegis Baseline 5.4 and 9A2A post-certification support; for completion of development and fielding of the AEGIS Baseline 9 AEGIS Weapon System and integrated AEGIS Combat System on the remaining AEGIS Technical Insertion (TI) 12 configured destroyers as well as TI 12 and TI 08 configured cruisers; N00024-16-C-5102; 18 July 2019
  - NAVSEA D.C.
- AEGIS Weapons System design requirements in support of FFG(X); N00024-16-C-5136; 22 July 2019

- The Frigate Combat Management System (CMS) includes the design of the CMS. The planned action will modify CMS capabilities under development and integrate increased combat system element capability, resulting in an AEGIS Weapon System that aligns with FFG(X) class ships.
  - NAVSEA D.C.
- repair different head-of-family part numbers in support of the AEGIS SPY-1 Weapon System; 9 Aug 2019
  - NAVSUP Weapon Systems Support, Philadelphia, PA (N00383-19-D-VM01)
- AEGIS Modernization (AMOD) production requirements; covers the production, test and delivery of multi-mission signal processor equipment sets; electronic equipment fluid cooler; AEGIS Weapon System AMOD Upgrade equipment; Kill Assessment System 5.1 equipment; AEGIS spares; Australia Combat Systems Engineering Development Site; and AEGIS Ashore Japan Sites equipment for Navy (78.1%); Japan (18.2%); Australia (3.7%) → Moorestown, NJ (71.2%); Clearwater, FL (27.4%); Owego, NY (1.4%); N00024-14-C-5106; 15 Aug 2019
  - NAVSEA D.C.
- combat system engineering support on the Ship Self-Defense System (SSDS); this will manage the in-service SSDS configurations as well as adapt and integrate new or upgraded war-fighting capabilities → Moorestown, NJ (95.6%); San Diego, CA (4.4%); 15 Aug 2019
  - NAVSEA D.C.(N00024-19-C-5603)
- design, develop, integrate, test and certify Aegis Ballistic Missile Defense (BMD) 6.0 capability; 30 Aug 2019
  - Aegis BMD 6.0 “provides an increased BMD capability by incorporating the Air and Missile Defense Radar, now designated SPY-6, for introduction on the first DDG Flight III.”
  - MDA Dahlgren, VA (HQ0276-19-C-0001)
- ship integration and test of AWS for AWS Baselines through Advanced Capability Build 16 → Moorestown, NJ (49%); Deveselu, Romania (12%); Norfolk, VA (8%); San Diego, CA (8%); D.C. (7%); Pascagoula, MS (5%); Mayport, FL (4%); Bath, ME (3%); various places, each below 1% (4% cumulative); covers AWS ship integration and test efforts for nine new construction DDG 51 class ships and the major modernization of seven DDG 51 class ships. It will also cover the integrated combat system modifications and upgrades for all current ships with all AWS Baselines up to and including ACB 16; N00024-15-C-5151; 3 Sept 2019
  - NAVSEA D.C.
- Aegis design agent field engineering services → Norfolk, VA (34%); San Diego, CA (31%); Yokosuka, Japan (19%); Pascagoula, MS (4%); D.C. (4%); Port Hueneme, CA (4%); Rota, Spain (4%); N64267-18-C-0132; 12 Sept 2019
  - Naval Surface Warfare Center, Port Hueneme Division, CA

#### Lockheed Martin RMS (Mitchel Field, NY)

- U.S. and U.K. Trident II (D5) Columbia and Dreadnought submarine efforts for navigation subsystem → Mitchel Field, NY (47.0%); Huntington Beach, CA (36.0%); Clearwater, FL (9.0%); Cambridge, MA (6.0%); Hingham, MA (2.0%); 20 Dec 2018
  - Strategic Systems Programs, D.C. (N00030-19-C-0045)
- U.S. Trident II (D5) efforts for the navigation subsystem; N00030-18-C-0045; 7 Aug 2019, 19 Aug 2019
  - Strategic Systems Programs, D.C.

#### Lockheed Martin RMS (Manassas, VA)

- equipment, engineering services and required material related to acoustic rapid commercial-off-the-shelf Technical Insertion 18-20 engineering services → Manassas, VA (65%); Clearwater, FL (32%); Syracuse, NY (2%); Marion, FL (1%); N00024-17-C-6259; 20 Dec 2018
- AN/SSQ-125A series sonobuoys; N00019-19-D-0013 (w ERAPSCO, Columbia City, IN N00019-D-0012); 20 Dec 2018
- AN/SQQ-89A(V)15 Surface Ship Undersea Warfare System<sup>2</sup> (UWS); development, integration and production of future advanced capability build and technical insertion baselines of AN/SQQ-89A(V)15 systems → Lemont Furnace, PA (54%); Clearwater, FL (22%); Syracuse, NY (7%); Manassas, VA (6%); Hauppauge, NY (5%); Owego, NY (5%); Tewksbury, MA (1%); N00024-13-C-5225; 17 Jan 2019
- Navy equipment, engineering services and required material → Manassas, VA (65%); Clearwater, FL (32%); Syracuse, NY (2%); Marion, FL (1%); N00024-17-C-6259; 14 Feb 2019
- Air Traffic Control & Landing Systems Operations Onboard Ship and Shore support services for Naval Air Warfare Center Aircraft Division (NAWCAD) - Air Traffic Control and Landing Systems Division (NAWCAD 4.11.7); services include operational, technical, logistical and system engineering support for system certification; technical assistance; systems analysis and engineering; test and evaluation; installation and maintenance; hardware design, development, technical logistics support; configuration management; training support; equipment manufacturing; quality control; and project management of Mobile Air Battle management and communication-electronic systems → St. Inigoes, MD (20%); contractor locations within the U.S. (80%); N00421-D-0040; 13 Feb 2019 w other corporations like KBR, BAE, Engility
- support continued development, integration and production of AN/SQQ-89A(V)15 Surface Ship Undersea Warfare System → Manassas, VA (83%); Lemont Furnace, PA (10%); Syracuse, NY (6%); Hauppauge, NY (1%); some FMS to Australia; N00024-18-C-5218; 7 March 2019
- Navy engineering services → Manassas, VA (68%); Waterford, CT (10%); Groton, CT (10%); Middletown, RI (7%); Newport, RI (5%); 26 April 2019
- AN/SQQ-89A(V)15 Surface Ship Undersea Warfare (USW) system: continue develop, integrate, produce → Manassas, VA (83%); Lemont Furnace, PA (10%); Syracuse (6%); Hauppauge, NY (1%); N00024-13-C-5225; 21 May 2019

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<sup>2</sup> AN/SSQ-89 is marketed as being able to search, detect, classify, localize and track undersea contacts, and to engage and evade submarines, mine-like small objects and torpedoes.

- Technical Insertion Sixteen (TI-16) Common Display System (CDS<sup>3</sup>) Variant A water-cooled production consoles for U.S. Navy (85%); and Japan (15%); N00024-15-D-5217; 24 July 2019
- engineering services and other direct costs in support of Integrated Submarine Imaging System → Manassas, VA (73.5%); Virginia Beach, VA (15%); Northampton, MA (5.5%); Fairfax, VA (3%); Arlington, VA (2%); Newport, RI (1%); N00024-18-C-6258; 16 Aug 2019
- Navy engineering services and required materials → Manassas, VA (65%); Clearwater, FL (32%); Syracuse, NY (2%); Marion, FL (1%); N00024-17-C-6259; 27 Sept 2019
- Technical Insertion Sixteen (TI-16) Common Display System (CDS) Variant A water-cooled and air-cooled production consoles → work in Johnstown, PA; Navy (64%); Coast Guard (2%); South Korea (28%); Japan (6%); FMS (**South Korea** = 29%, **Japan** = 6%) N00024-15-D-5217; 30 Sept 2019

#### Lockheed Martin RMS (Syracuse, NY)

- electronic warfare AN/BLQ-10 kits & spares; N00024-09-C-6247 → Syracuse, NY (99%); Manassas, VA (1%); 1 Oct 2018 via NAVSEA D.C.
- engineering & technical services for design, development, testing, integration, technology insertion / refreshment and system support of AN/BLQ-10 Insertion (TI)-20, TI-22, and TI-24 on new and in-service submarines → Syracuse, NY (95%); Manassas, VA (5%); 15 Feb 2019 via NAVSEA D.C. (N00024-19-D-6200)
- AN/BLQ-10 kits and spares to support program requirements → Syracuse, NY (99%); Manassas, VA (1%); N00024-09-C-6247; 20 March 2019 via NAVSEA D.C.
- multifunction modular masts for new Virginia-class Block V hulls, spares and repairs → Nashua, NH (70%); Syracuse, NY (30%); N00024-19-C-6269; 21 June 2019 via NAVSEA D.C.
- develop the first production unit fabrication and qualification of the TB-37X Multi-Function Towed Array (MFTA) System → Liverpool, NY (53 %); Millersville, MD (44 %); Marion, MA (1 %); Cleveland, OH (1 %); Albuquerque, NM (1 %); 20 Sept 2019 via NAVSEA D.C. (N00024-19-C-6120)

#### Lockheed Martin RMS (Baltimore, MD)

- *see separate Lockheed Martin Baltimore file*

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<sup>3</sup> "The CDS is a set of watch station consoles designed to support the implementation of Open Architecture in Navy combat systems." The TI 16 CDS is "the next evolution in the CDS family" and consists of a three-eyed horizontal display console."