

## OASIS Contracts

Pool 1 Unrestricted – 47QRAD20DU141

Pool 3 Unrestricted – 47QRAD20DU319

Pool 4 Unrestricted – 47QRAD20DU414

## Our Credentials

**CAGE Code** – 0VYZ2

**DUNS** – 095673521



- ISO 9001:2015 certified
- Business & purchasing systems approved by the DCAA/DCMA
- TS Facility Clearance

## Contact Us

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## About ERC

### Who We Are

ERC is a Huntsville, AL-based large business with approximately 2,000 employees conducting engineering, scientific, technical, and IT services nationwide. We have over 30 years of experience providing outstanding services to NASA, DoD, and MDA that span the lifecycles of the systems we support.

We strive to transform this industry and raise the standard of excellence by investing in our employees to enhance their quality of life and by truly partnering with our customers. Our people-centric culture pushes us to continuously develop our capabilities and reach for new levels of performance.

### Key Customers

#### U.S. Army

Redstone Test Center | Weapons Development and Integration Directorate

#### U.S. Air Force

Air Force Materiel Command | Air Force Research Laboratory

#### NASA

White Sands Test Facility | Johnson Space Center | Kennedy Space Center  
| Marshall Space Flight Center

#### Missile Defense Agency

### Capabilities

- Engineering and Technical Services (Aeronautical, Chemical, Electrical, Mechanical, Structural, Sustainment, Systems, Safety)
- A&AS/SETA Support
- Research and Development
- Test and Evaluation
- System Acquisition Support
- Complex Systems Operation and Maintenance
- Data Acquisition and Analysis
- Independent Verification and Validation
- Configuration and Data Management
- Technical Documentation
- Modeling and Simulation
- IT and Software Development, and Network Administration
- Cloud Computing Infrastructure Maintenance
- Cybersecurity Compliance
- Safety, Quality, Environmental and Mission Assurance
- Facilities Operation and Maintenance
- Prototyping and Fabrication
- Logistics



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### Capabilities

- We are the lead contractor team for Ground-Flight Application Software Team for our TOSC contract at Kennedy, and we are developing the Launch Control Center (LCC) vehicle processing and launch software, math models, and facility/GSE interface software, software requirements documents, firing room applications, and console displays used to command and monitor the Space Launch System (SLS)/Multi-Purpose Crew Vehicle (MPCV) launch vehicle electrical power, ordnance, and range safety systems.
- For the International Space Station (ISS), we provide ground support equipment design services, flight hardware processing and checkout, experiment pre & post flight processing, and integration into logistics carriers on expendable boosters. We also support ongoing ISS payload processing, science sample support including life sciences, and processing Launch Services Provider payloads such as the Mars rovers.
- For the SLS's Ground Systems Development program, we provide design services, procurement, fabrication, installation, checkout, and operation of a wide variety of subsystems.
- Our Propulsion Test Group at Marshall provides test and evaluation and O&M support for propulsion test operations. We support propulsion operations for a wide variety of high pressure engine system components, turbo pumps, valves, cryogenic propellant system components, and other combustion devices.
- We developed, implemented, and currently maintain a Contamination Control Plan for processing facilities and activities at Kennedy. We have experience with the application of organic and inorganic coatings to a variety of substrates.
- We perform precision mechanical and electrical fabrication and assembly services for various payloads including: Life Science Glovebox, Materials Science Research Rack, Environmental Controls Life Support Systems, and Microgravity Science Glovebox.
- We have been involved in compatibility testing of materials for several different commercial customers, including SpaceX and Virgin Galactic/ Scaled Composites.
- We support project planning functions such as formulating cost estimates/ requirements assessments for technical feasibility, safety, performance, operational constraints, site conditions, environmental regulations, and lifecycle costs.
- We also provide verification and validation, requirements management, interface management, technical risk management, technical assessment, and analysis, design, development, and sustainment support for other spacecraft and atmospheric vehicle systems.