

## QUADRUS CORPORATION

Engineering Consulting | Software Development Systems Engineering | System Integration and Test Leadership Development and Training | Smart Cities Janitorial Services | Additive Manufacturing

**Quadrus Corporation** is a small business that provides expert Software, Systems, Test, and Integration Engineering, Technical Services, and Process Development / Training support to complex and highly demanding defense, space, and commercial projects at every lifecycle stage from initial requirements development through verification, certification, and deployment. From research and development to design, testing, and production, our engineers are at the forefront of using cutting edge technology to support our customers needs. Our process enables us to deliver cost reduction and production efficiencies to equip customers for mission success.

### **DIFFERENTIATOR**

## **Generic Interface Test Computer (GenITC)**

- Communications breakout box and a versatile communications and emulation tool
- System Integration Lab (SIL) in-a-box
- Lower cost and shorten schedule
- Lower technical risk and increase quality
- Fully-configurable interface emulator, simulator, traffic-interceptor, and driver

## **NAICS**

- 323111 Commercial Printing (except Screen and Books)
- 332999 All Other Misc Fabricated Metal Product Manufacturing
- 332510 Hardware Manufacturing
- 332710 Machine Shops
- 333249 Other Industrial Machinery Manufacturing
- 333999 All Other Misc Manufacturing
- 336415 Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing
- 511210 Software Publishers
- 541513 Computer Facilities Management Services
- 541519 Other Computer Related Services
- 541715 Research and Development
- 541330 Engineering Services
- 541511 Custom Computer Programming Services
- 541512 Computer Systems Design Services
- 561720 Janitorial Services
- 611420 Computer Training
- 611430 Professional and Management Development







## **CORE COMPETENCIES**

#### **SOFTWARE**

- Skilled in Avionics, Electrical Ground Support Equipment (EGSE), Special Test Equipment (STE), Instrumentation, and Telemetry
- Extensive experience in the development and integration of software for distributed training and simulation systems
- · Highly qualified in GMD tactical communication

#### **SYSTEMS**

- Skilled in Hardware and Software-in-the-Loop test environments
- Performed in system architecture, requirements development, and system testing
- Unique perspective into the complexity of developing and implementing engagement solution logic

#### **TEST**

- Skilled Avionics Hardware Test Engineers
- Highly experienced in the performance of System Independent Verification and validation operations, procedures, and testing
- Regularly perform as a part of Test Operations Teams for various projects

#### LEADERSHIP AND TRAINING

- Experience in creating an enhanced work environment with teambuilding activities, time management assistance, capacity building workshops, conflict resolution, and additional training opportunities
- Provide the building blocks for strategic planning through various curricula and training sessions
- Assist in internal and external communications with stakeholders, community leaders, and elected leaders to tell the right story for your organization

#### **JANITORIAL SERVICES**

- OSHA-compliant, fully bonded and insured
- Award winning services for commercial cleaning and specialty projects
- Annual performance-based service agreements

#### **SMART CITIES**

- Sensor Technology providing Data Acquisition and Analysis
- Specialized Dashboards for Smart Cities, Building, and Home Apps
- Implementation experts for Planning and Project Management

#### ADDITIVE MANUFACTURING

- State-of-the-art Laser Cusing® Selective Laser Melting (SLM) systems developed by Concept Laser GmbH to manufacture advanced, high-performance, lightweight components directly from metal powder
- · Metallographic investigation
- Tensile property measurement and evaluation

## **PAST PERFORMANCE**

Space Launch System (SLS)

Raegan Test Site Telemetry (RTM) Program

Multiple Kill Vehicle (MKV)

Data Analysis and Reduction Tools (DART)

Terminal High Altitude Area
Defense (THAAD)

Constellation (Ares I and Ares V)

BA330 Inflatable Orbit Habitat

National Missile Defense Payload Launch Vehicle (PLV)

> NASA SBIRS NAVY SBIRS

Radio Frequency (RF) Generation Technology

Ground Based Interceptor (GBI)

Aviation and Missile Research
Development Engineering
Command Propulsion Lab



## **Corporate Headquarters:**

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SBA Certified HUBZone company Small Disadvantaged Business Minority Owned Business



# **WE ARE HIRING!**

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