



Engineering Services

- Flight and Ground Testing
- Models Based System Engineering
- Radar Analyses
- RAM Engineering
- Reverse Engineering
- Sensor Development
- Software Engineering
- Specialty Engineering
- Test and Evaluation



Woman-Owned (WO) Small Business – 8(a) under GSA STARS II

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5SRC

Selected Contract Synopses

Headquarters and Directorate Support (HQDS) Services Contract – Prime

5SRC supports the Redstone Test Center (RTC), US Army Test and Evaluation Command at Redstone Arsenal. 5SRC provides support capabilities to test and evaluation (T&E) programs for aviation, missile, sensors, targets, joint service programs and industry supporting the test and evaluation mission of RTC. Our support includes administrative, intelligence and security, safety, plans and operations, logistics, public affairs, technical writing / editing, and resource management. We prepare test plans, test report, SOPs, and other staff reports. 5SRC provides facility, logistics, ammunition, safety, environmental, and security expertise. We support strategic planning, mission operations center, training, and RTC process improvement.

- *Test and Evaluation Project Control*
 - *Weapons Test Data Analysis*
 - *Ammunition Safety / Accountability*
 - *Test Planning / Reporting*
 - *Facilities Design / Inspection*
 - *Environmental Hazards Analyses*
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Systems and Computer Resources Support (SCRS) – Subcontract

5SRC provides systems engineering, analysis, and software development for the Software Engineering Directorate (SED), U.S. Army Research, Development and Engineering Command for the entire life cycle of supported SED systems. SED customers include DoD components, other federal government agencies, Cooperative Research and Development Agreement partners, and Foreign Military Sales. 5SRC supports the SCRS and SED missions with systems engineering, software development, HWIL operations and analyses, product development, delivery, fielding, and sustainment.

- *Models Based Systems Engineering*
 - *Modeling and Simulation*
 - *Systems Logistics Engineering*
 - *Software Design and Coding*
 - *Acquisition Support*
 - *Software Assurance*
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Battlefield Automated Systems Engineering Support (BASES) – Subcontract

5SRC supports the engineering activities required to accomplish the SED mission, both during acquisition and development, production, and deployed sustainment phases for Battlefield Automated Systems (BAS). We provide BAS the life cycle support to define concepts, define requirements, plan, manage, develop, sustain, modify, improve, field, and retire system computer resources in a time frame necessary to meet customer needs. We assist in meeting requirements in the major areas of Acquisition/Development Engineering, Software Verification and Validation (V&V), Command, Control, Communications and Intelligence (C3I) Engineering and Interoperability Testing, Software Quality Assurance (SQA), Configuration and Data Management (CADM), Special Senior Level Software Engineering.

- *Test Analyses / Reporting*
 - *Test Support*
 - *HWIL Test Simulation*
 - *Test Execution*
 - *Security/Property Accountability*
 - *Software Engineering*
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Weapons and Missile Systems Engineering – Subcontract

5SRC provides technical engineering expertise including Reliability / Availability / Maintainability (RAM) analyses for operational support systems and major items. 5SRC derives methods and processes to better understand the causes for components removal and provides the metrics to limit the early removal of components that have measurable life left in them. Based on the results of these efforts, 5SRC recommends re-engineering of processes to support MDA goals.

- *Obsolescence Studies*
 - *RAM Analyses*
 - *Root Cause Analyses*
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For Additional Information Please Contact:



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