

GSA PROFESSIONAL ENGINEERING SERVICES 871



Professional engineering services have been a core capability for GRSi since the company began in 2000. Our engineering and integration expertise for both civilian and defense customers spans many disciplines, including science and research, space and defense initiatives, health research and treatment, medical diagnostic systems and information command and control (C2).

Under the GSA Professional Engineering Services 871 contract, GRSi can provide the following services under the Special Item Numbers (SIN) designated by the contract. These SINS demonstrate the depth and breadth of our engineering experience.

GSA Contract: GS10F0502X

Effective: September 29, 2011

Period of Performance: 5 years

https://gsaadvantage.gov/ref_text/GS10F052X/GS10F0502X_online.htm

SINs	SIN Description
871-1	Strategic Planning for Technology Programs/Activity
871-2	Concept Development and Requirements Analysis
871-3	System Design, Engineering and Integration
871-4	Test and Evaluation
871-5	Integrated Logistics Support
871-6	Acquisition and Life Cycle Management



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PEOPLE

ENGINEERING

TECHNOLOGY

About GRSi— GRSi is a professional engineering and information technology (IT) services woman-owned small business headquartered in Frederick, Maryland. We provide our core competencies in systems engineering and integration, performance-based logistics, information management and IT, science and mission support, and medical informatics to the Federal, Defense, and commercial markets. Visit us at www.grsi.com

SPECIAL ITEM NUMBERS (SIN)

871-1 Strategic Planning for Technology Programs/Activity

Services required under this SIN involve the definition and interpretation of high level organizational engineering performance requirements such as projects, systems, missions, etc., and the objectives and approaches to their achievement. Typical associated tasks include, but are not limited to an analysis of mission, program goals and objectives, requirements analysis, organizational performance assessment, special studies and analysis, training and consulting.

871-2 Concept Development and Requirements Analysis

Services required under this SIN involve abstract or concept studies and analysis, requirements definition, preliminary planning, the evaluation of alternative technical approaches and associated costs for the development of enhancement of high level general performance specifications of a system, project, mission or activity. Typical associated tasks include, but are not limited to requirements analysis, cost/cost performance trade-off analysis, feasibility analysis, regulator compliance support, technology systems conceptual designs, training, and consulting.

871-3 System Design, Engineering and Integration

Services required under this SIN involve the translation of a system (or subsystem, program, project, activity) concept into a preliminary and detailed design (engineering plans and specifications), performing risk identification/analysis, mitigation, traceability, and then integrating the various components to produce a working prototype or model of the system. Typical associated tasks include, but are not limited to computer-aided design, design studies and analysis, high level detailed specification preparation, configuration, management and document control, fabrication, assembly and simulation, modeling, training, and consulting.

871-4 Test and Evaluation

Services required under this SIN involve the application of various techniques demonstrating that a prototype system (subsystem, program, project or activity) performs in accordance with the objectives outlines in the original design. Typical associated tasks include, but are not limited to testing of a prototype and first article(s) testing, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept), system, quality assurance, physical testing of the product system, training, and consulting.

871-5 Integrated Logistics Support

Services required under this SIN involves the analysis, planning and detailed design of all engineering specific logistics support including material goods, personnel, and operational maintenance and repair of systems throughout their lifecycles, excluding those systems associated with real property. Typical associated tasks include, but are not limited to ergonomic/human performance analysis, feasibility analysis, logistics planning, requirements determination, policy standards/procedures development, long term reliability and maintainability, training and consulting.

871-6 Acquisition and Life Cycle Management

Services required under this SIN involve all of the planning, budgetary, contract and systems/program management functions required to procure and/or produce, render operational and provide life cycle support (maintenance, repair, supplies, engineering specific logistics) to (technology based) systems, activities, subsystems, projects, etc. Typical associated tasks include, but are not limited to operation and maintenance, program/project management, technology transfer/insertion, training and consulting.

Contract Information		
NAICS	Description	Business Size
541330	Engineering Services	\$4.5 million