



Quadrelec Engineering Corporation

A Small Veteran Owned Business since 1993

GSA Contract GS-23F-0044S

General Information

For information on our company, project experience, and services offered under these SINs, please go to our website at:

www.quadrelec.com

Contact Information

For all pricing, procurement, and other matters under this contract please contact:

Mr. Charles Pratt, P.E.

President

Phone: 918-744-7172

Quadrelec Engineering Corporation

2651 E. 21st Street, Suite 401

Tulsa, OK 74114

Ordering: Orders may be faxed to 918-744-7106

The following SINs are supported under GSA contract dated 7 December 2005.

SINs

SIN 871-1 STRATEGIC PLANNING FOR TECHNOLOGY PROGRAMS/ACTIVITIES

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, privatization and outsourcing.

SIN 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 or 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, regulatory compliance support, technology conceptual designs, training, privatization, and outsourcing.

SIN 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, privatization and outsourcing.

SIN 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 outlined in the original design. Typical associated tasks include, but are not limited testing of a prototype and first article(s) testing, environmental testing, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept), system safety, quality assurance, physical testing of the product or system, training, privatization and outsourcing.

OUTSOURCING OR PRIVATIZATION OF PROFESSIONAL SERVICES

Task orders may be issued for complete outsourcing or privatization of a single task or any portion of an agency's operations within the scope of the contract. Under this type of an order, the contractor could be expected to provide a wide range of functions including administrative, management and technical. The contractor would be responsible for overall operations including developing a management structure to properly provide the full range of required services; planning, management, direction and supervision of the work activities involved and the personnel performing them; any facilities and/or equipment provided by the government, including the management of facilities and equipment in accordance with the provisions and/or regulations specified in the task order. The individual ordering agency will be responsible for assuring that pertinent governmental guidelines (e.g., OMB Circular A-76) are followed in deciding to use the outsourcing or privatization portion of this schedule.

Calendar Year 2006 Pricing Information

The rates displayed in the following table include the requisite industrial funding fee (IFF).
Prices Shown Herein are Net (discount deducted)

2006 PRICING	
LABOR CATEGORY	GSA Schedule HOURLY RATE
Corrosion Engineer	\$81.61
Electrical Engineer	\$81.61
Senior Planner	\$81.61
Senior Technician	\$54.41
CADD Draftsman	\$36.27
Travel Expenses	Current GSA published government rates
Non-Travel Expenses	@ cost

Quantity Discounts Offered: An additional 10% discount is offered for individual contracts exceeding \$100,000.00.

Payment Methods: Electronic transfer is preferred. For data go to the Central Contractors Registration website. The Quadrelec Engineering Corporation **DUNS number is 84-7248416**. **Government credit cards are accepted** for all services up to the limits of the micro-purchase threshold of the agency.

Labor Category Descriptions

The skills required for providing engineering services include understanding of technical aspects, equipment, industry standards, operations, maintenance, and construction practices of the utility industry. The skill levels typically used for the engineering projects include all facets of engineering including electrical and corrosion issues associated with utility modifications, repair, and/or upgrades; life cycle cost analysis to compare the cost-effectiveness of repair/modification or upgrade/replacement; and drafting support for the utility systems. All these skills are required for a successful completion of any engineering project. It will be noted from the table below that only senior level personnel will be assigned to your project. This enhances the quality of the product provided by Quadrelec Engineering Corporation.

Labor categories described herein will be provided by Quadrelec Engineering Corporation and any subconsultants. QEC will ensure that subconsultants will adhere to the same level of expertise described in the table below.

LABOR CATEGORY	DESCRIPTION OF REQUIREMENTS
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LABOR CATEGORY	DESCRIPTION OF REQUIREMENTS
Senior Planner	15 years experience in planning studies for multi-facility sites for government owned complexes. Performs master planning and site development for complexes such as military bases and similarly complex sites. Also develops requirements for and participates in technical and management reviews; develops content for contract technical packages; and performs interdisciplinary engineering assessments. Provide technical expertise, quality assurance, project management, and leadership in planning phases of engineering projects, and coordination/execution of complex engineering-related projects. Must be experienced in the preparation of master planning and programming documents used by the government.
Electrical Engineer	20 years experience in electrical engineering related sciences. Performs system/subsystem level requirements analysis; identifies functional definitions and defines performance and design constraints; develops and/or reviews specifications, drawings, and product descriptive data; provides technical support to customer requirements and participates in technical and management reviews; develops content for contract technical packages; and performs life cycle engineering assessments. Provide technical expertise, quality assurance, project management, and leadership in planning phases of engineering projects, and coordination/execution of complex engineering-related projects. Requires knowledge of engineering software applications. Must be a registered Professional Engineer. Must be a capable instructor with good teaching skills and possession of the academic knowledge required to support professional development training for professional engineers in various electrical engineering topics.
Corrosion Engineer	15 years experience in corrosion control related sciences or cathodic protection system design. Performs system/subsystem level requirements analysis; identifies functional definitions and defines performance and design constraints; develops and/or reviews specifications, drawings, and product descriptive data; provides technical support to customer requirements and participates in technical and management reviews; develops content for contract technical packages; and performs life cycle engineering assessments. Provide technical expertise, quality assurance, project management, and leadership in planning phases of corrosion control projects, and coordination/execution of related projects. Requires knowledge of cathodic protection testing practices. Must be a registered Professional Engineer or a NACE certified cathodic protection designer.

LABOR CATEGORY	DESCRIPTION OF REQUIREMENTS
Electrical Technician	Conducts field investigations to obtain data for use in support of electrical engineering studies, designs, and field testing. Conducts field tests according to prescribed standards for various types of electrical equipment and systems. Collects various types of data from equipment used for power quality investigations. Prepares input data for electrical systems analysis software used for system studies. Must have an at least an associates degree in electrical technology or at least 10 years of technician level experience specific to electrical systems.
CADD Draftsman	Prepares drawings of simple, easily visualized structures, systems, parts, or equipment from sketches or marked-up prints. Drawings are prepared using the latest CADD software of the firm. Proficiency is required in the use of at least AutoCAD and Microstation software.