



GENERAL SERVICES ADMINISTRATION

Federal Acquisition Service

Authorized Federal Supply Schedule Catalog and Price List

PROFESSIONAL ENGINEERING SERVICES

MULTIPLE AWARD SCHEDULE

Federal Supply Group 871 Special Item Numbers (SIN)s

871-1, 871-1RC	Strategic Planning for Technology Programs/Activity
871-2, 871-2RC	Concept Development and Requirements Analysis
871-3, 871-3RC	System Design, Engineering and Integration
871-4, 871-4RC	Test and Evaluation
871-5, 871-5RC	Integrated Logistics Support
871-6, 871-6RC	Acquisition and Life Cycle Management
871-7, 871-7RC	Construction Management

Contract Number: GS-10F-0164Y

Contract Period: January 22, 2012 thru January 21, 2017

Business Size: Large Business

Prices Shown Herein are Net (discount deducted)

The SI Organization, Inc.

720 Vandenburg Road

King of Prussia, PA 19406-0004

Contract Administration: Zachary McCready

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Professional Engineering Services



CUSTOMER INFORMATION

1a. Table of Awarded Special Item Number(s):

<i>SIN</i>		<i>SIN TITLE</i>
871-1	871-1RC	Strategic Planning for Technology Programs/Activity
871-2	871-2RC	Concept Development and Requirements Analysis
871-3	871-3RC	System Design, Engineering and Integration
871-4	871-4RC	Test and Evaluation
871-5	871-5RC	Integrated Logistics Support
871-6	871-6RC	Acquisition and Life Cycle Management
871-7	871-7RC	Construction Management

- 1b. **Pricing:** See Page 10 for the SI GSA Professional Engineering Services (PES) Rates
- 1c. **Labor Category Descriptions:** The labor descriptions with job titles, experience, functional responsibility and education associated with the Hourly Rates are on Pages 7-9 herein.
- 2. **Maximum Order:** \$1,000,000.00
- 3. **Minimum Order:** \$100.00
- 4. **Geographic Coverage (delivery Area):** Domestic Delivery Only
- 5. **Point(s) of production (city, county, and state or foreign country):** Same as company address
- 6. **Discount from list prices or statement of net price:** Prices Shown Herein are Net (discount deducted). Discounts may be offered for task orders with a value over \$1,000,000. Discounts may be offered in response to Blanket Purchase Agreements (BPAs). See Page 10 for the SI GSA Professional Engineering Services (PES) Rate, and for details on discounts under BPAs.
- 7. **Quantity discounts:** None Offered
- 8. **Prompt payment terms:** None Offered. Payment terms are net 30 days
- 9a. **Notification that Government purchase cards are accepted up to the micro-purchase threshold:** Yes
- 9b. **Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold:** Contact Contractor
- 10. **Foreign items (list items by country of origin):** None
- 11. **Delivery**
 - 11a. **Time of Delivery:** Specified on the Task Order
 - 11b. **Expedited Delivery:** Please contact the SI Organization GSA Contract Management Office for possible expedited delivery times
 - 11c. **Overnight and 2-day delivery:** Please contact the SI Organization GSA Contract Management Office for possible expedited delivery times

- 11d. Urgent Requirements** Please contact the SI Organization GSA Contract Management Office for possible expedited delivery for urgent requirements
- 12. F.O.B. Point(s):** Destination
- 13a. Ordering Address(es):**

The SI Organization, Inc.
720 Vandenburg Road
King of Prussia, PA 19406-0004
Contract Administration: Zachary McCready
Telephone: (571) 313-6563
Fax Number: (571) 313-6934
E-mail: zach.o.mccready@thesiorg.com
- 13b. Ordering procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).
- 14. Payment Address(es):**

The SI Organization, Inc.
25448 Network Place (Lockbox No. 25448),
Chicago, IL 60673-1254
- 15. Warranty provision:** Contractor's standard commercial warranty.
- 16. Export Packing Charges (if applicable):** N/A
- 17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):** Contact Contractor
- 18. Terms and conditions of rental, maintenance, and repair (if applicable):** N/A
- 19. Terms and conditions of installation (if applicable):** N/A
- 20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices:** N/A
- 20a. Terms and conditions for any other services (if applicable):** N/A
- 21. List of service and distribution points (if applicable):** N/A
- 22. List of participating dealers (if applicable):** N/A
- 23. Preventive maintenance (if applicable):** N/A
- 24a. Environmental attributes:** N/A
- 24b. Section 508 compliance:** Information is available on Electronic and Information Technology (EIT) supplies and services and can be found at: www.Section508.gov/
- 25. Data Universal Numbering System (DUNS) number:** 96-551-9098

26. The SI Organization, Inc. is registered in the Central Contractor Registration (CCR) database.

Section 508 Compliance Statement: The professional services offered by the SI are technical, managerial and advisory services which are not generally considered Electronic and Information Technology (EIT) and which are not provided by the government to employees or to the public. Section 508 Compliance does not apply to these services. If these services are ordered in support of agency requirements relating to EIT applications, products and services provided to employees or to the public, then, the SI will address Section 508 Compliance requirements as set out in a T.O. Statement of Work.

CONTRACT SCOPE

For 40 years, the SI has been providing mission-focused, full life cycle Systems Engineering and Integration support to deliver highly interoperable and effective solutions for our customers. Our approach encompasses both technical and management disciplines to bring together disparate functional elements, configuration items and segments into larger systems.

The Professional Engineering Services (PES) contract provides for such engineering support at all phases of a project life cycle. The Special Item Numbers (SINs) for this contract define the areas of engineering support services available. Task Orders placed under the PES contract must identify the SINs applicable to the effort. The SI Organization, Inc. has been awarded contract number GS-10F-0164Y to provide support in the following seven SINs as defined by the Government:

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.

Example: The evaluation and preliminary definition of new and/or improved performance goals for navigation satellites - such as launch procedures and costs, multi-user capability, useful service life, accuracy and resistance to natural and man-made electronic interference.

Inappropriate use of this SIN is providing professional engineering services not specifically related to strategic planning for technology programs/activities and its associated disciplines.

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.

Example: The development and analysis of the total mission profile and life cycle of the improved satellite including examination of performance and cost tradeoffs.

Inappropriate use of this SIN is providing professional engineering services not specifically related to concept development and requirements analysis and its associated disciplines.

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.

***Example:** The navigation satellite concept produced in the preceding stage will be converted to a detailed engineering design package, performance will be computer simulated and a working model will be built for testing and design verification.*

Inappropriate use of this SIN is providing professional engineering services not specifically related to concept development and requirements analysis and its associated disciplines.

SIN 871-4 Test and Evaluation

Services 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.

***Example:** The navigation satellite working model will be subjected to a series of tests which may simulate and ultimately duplicate its operational environment.*

Inappropriate use of this SIN is providing professional engineering services not specifically related to testing and evaluating and its associated disciplines.

SIN 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 life cycles. 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, privatization and outsourcing.

***Example:** The full range of life cycle logistics support for the navigation satellite will be identified and designed in this stage including training, operation and maintenance requirements, and replacement procedures.*

Inappropriate use of this SIN is providing professional engineering services not specifically related to integrated logistics support and its associated disciplines.

SIN 871-6 Acquisition and Life Cycle Management

Services required under this SIN involve the entire planning, budgetary, contract and systems/program management functions required to procure and/or produce, render operational and provide life cycle support (maintenance, repair, supplies, and 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, privatization and outsourcing.

Example: During this stage the actual manufacturing, launch, and performance monitoring of the navigation satellite will be assisted through project management, configuration management, reliability analysis, engineering retrofit improvements and similar functions.

Inappropriate use of this SIN is professional engineering services not specifically related to acquisition and life cycle management and associated disciplines.

SIN 871-7 --- Construction Management

Customer agencies shall utilize construction managers as its principal agent to advise on or manage the process over the project regardless of the project delivery method used. The Construction Manager assumes the position of professional adviser or extension of staff to the customer agency. The Construction Manager frequently helps the customer agency identify which delivery method is the best for the project. The construction management approach utilizes a firm (or team of firms) with construction, design and management expertise to temporarily expand the customer agency(s) capabilities, so that they can successfully accomplish their program or project. The Construction Manager also provides expert advice in support of the customer agency(s) decisions in the implementation of the project.

Primary Engineering Disciplines (PED)

The SI personnel provide engineering support to all phases of a project life cycle. The Primary Engineering Disciplines applicable to the Special Item Numbers (SINs) for this contract are Electrical Engineering and Mechanical Engineering.

LABOR CATEGORIES DESCRIPTIONS

The SI has defined labor categories for the professional and engineering services covered by this contract. All labor categories are applicable to all SINS.

Title: Subject Matter Expert II (SME1)

Functional Responsibilities: Performs the functions of a senior expert with extensive knowledge and experience in a relevant engineering, scientific, or program management field in support of major projects or system development. Consults, provides guidance, leadership and advice on advanced technical or project issues. Applies expertise in defining and resolving issues, performing analysis, and developing plans and requirements in the subject matter area for exceptionally complex engineering projects. Coordinates and manages the preparation of analysis, evaluations, and recommendations for proper implementation of projects and systems. Applies and/or develops highly advanced technical technologies, scientific principles, theories and concepts. May combine expertise and knowledge from a wide variety of fields to meet customer requirements. May direct the work of employees assigned to the program from technical and administrative areas.

Minimum Experience: 18+ years

Minimum Education: Master's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

Title: Subject Matter Expert I (SME2)

Functional Responsibilities: Performs the functions of an emerging expert in a relevant engineering, scientific, or program management field in support of major projects or system development. Consults, provides guidance, leadership and advice on advanced technical or project issues. Applies expertise in defining and resolving issues, performing analysis, and developing plans and requirements in the subject matter area for engineering projects. Coordinates and manages the preparation of analysis, evaluations, and recommendations for proper implementation of projects and systems. May combine expertise and knowledge from a wide variety of fields to meet customer requirements. May direct the work of employees assigned to the program from technical and administrative areas.

Minimum Experience: 10+ years

Minimum Education: Master's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

Title: Engineer Specialist IV (ENGI)

Functional Responsibilities: Provides comprehensive high level leadership, planning, organization, integration and direction of complex PES engineering projects. Acts as a senior consultant and advisor to project and top level management. Exhibits an exceptional degree of ingenuity, creativity, and resourcefulness in solving high level project issues. Directs the activities of others as required. Viewed as an expert within the field. Holds extensive specific expertise and experience in a technical discipline with extensive knowledge of many related disciplines.

Minimum Experience: 18+ years

Minimum Education: Master's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

Title: Engineer Specialist III (ENG2)

Functional Responsibilities: Applies advanced technical principles, techniques, theories and concepts to solve unusually complex engineering and technical problems requiring ingenuity and innovation. Develops advanced technological ideas and approaches and guides their development into a final result. Provides advice and leadership on significant technical matters. Manages the successful completion of PES projects or technical solutions. Leads the activities of others as required. Holds extensive specific expertise and experience in a technical discipline with general knowledge of many related disciplines.

Minimum Experience: 12+ years

Minimum Education: Master's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

Title: Engineer Specialist II (ENG3)

Functional Responsibilities: Applies extensive expertise in an engineering or technical discipline to develop technical solutions to a wide variety of complex problems. Develops technical objectives and approaches, advises project members, and executes engineering tasks to meet PES project requirements. Guides the successful completion of major projects and may function in a leadership role. May hold extensive specific expertise or function with general knowledge of many related disciplines.

Minimum Experience: 8+ years

Minimum Education: Bachelor's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

Title: Engineer Specialist I (ENG4)

Functional Responsibilities: Applies understanding of a wide range of technical principles, theories and concepts, in an engineering or technical discipline to perform technical PES tasks. Provides solutions to difficult technical issues associated with specific projects, usually under the review of a lead engineer. Holds specific expertise in an engineering discipline with general knowledge of other related disciplines.

Minimum Experience: 5+ years

Minimum Education: Bachelor's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

Title: Engineer (ENG5)

Functional Responsibilities: Applies technical standards, principles, theories, concepts, and techniques from a primary engineering discipline to perform PES tasks as directed by a lead engineer. Provides solutions to a variety of technical problems of moderate scope and complexity.

Minimum Experience: 1 year

Minimum Education: Bachelor's or equivalent

Title: Business Management Specialist II (BMS2)

Functional Responsibilities: Manages and directs business operations support. Applies expert business skills and knowledge to develop novel solutions for complex business related projects in at least one of the following business disciplines: business finance, planning, contracts, subcontracts, or other business operations activities. Recognized expert in field.

Minimum Experience: 13+ years

Minimum Education: Master's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

Title: Business Management Specialist I (BMS1)

Functional Responsibilities: Applies a wide variety of business principles to develop approaches and solutions for complex business related projects in at least one of the following disciplines: business finance, planning, contracts, subcontracts, or other business operations activities.

Minimum Experience: 8+ years

Minimum Education: Master's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

Title: Business Management Analyst II (BMA2)

Functional Responsibilities: Contributes to the development of solutions and completes complex business management tasks under the direction of a leader in at least one of the following disciplines: business finance, planning, contracts, subcontracts, or other business operations activities.

Minimum Experience: 4+ years

Minimum Education: Bachelor's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

Title: Business Management Analyst I (BMA1)

Functional Responsibilities: Performs business management tasks of moderate scope and complexity in at least one the following disciplines: business finance, planning, contracts, subcontracts, or other business operations activities.

Minimum Experience: 1 year

Minimum Education: Bachelor's or equivalent

Substitution Methodology: 2 Years experience = Masters Degree; 4 Years experience = PhD

ORDERING INFORMATION

Labor Rates

Fully loaded labor rates for each labor category are included in the table below. These rates apply to all SINs. These rates reflect Most Favored Customer pricing and include all appropriate indirect costs and GSA’s Industrial Funding Fee (IFF).

SI GSA Professional Engineering Services (PES) rates										
Labor Category	Year 1		Year 2		Year 3		Year 4		Year 5	
	1/22/12 - 1/21/13		1/22/13 - 1/21/14		1/22/14 - 1/21/15		1/22/15 - 1/21/16		1/22/16 - 1/21/17	
	SI Site	Govt Site								
Subject Matter Expert II	\$262.42	\$217.18	\$270.40	\$223.78	\$278.62	\$230.59	\$287.09	\$237.60	\$295.82	\$244.82
Subject Matter Expert I	\$219.60	\$180.38	\$226.28	\$185.86	\$233.15	\$191.51	\$240.24	\$197.34	\$247.55	\$203.33
Engineer Specialist IV	\$230.65	\$214.00	\$237.66	\$220.51	\$244.89	\$227.21	\$252.33	\$234.12	\$260.00	\$241.23
Engineer Specialist III	\$217.28	\$178.48	\$223.89	\$183.91	\$230.69	\$189.50	\$237.70	\$195.26	\$244.93	\$201.19
Engineer Specialist II	\$177.77	\$146.03	\$183.17	\$150.47	\$188.74	\$155.04	\$194.48	\$159.76	\$200.39	\$164.61
Engineer Specialist I	\$148.72	\$122.17	\$153.24	\$125.88	\$157.90	\$129.71	\$162.70	\$133.65	\$167.65	\$137.72
Engineer	\$109.22	\$89.72	\$112.54	\$92.45	\$115.96	\$95.26	\$119.49	\$98.15	\$123.12	\$101.14
Business Mgmt Spec II	\$206.82	\$169.89	\$213.11	\$175.05	\$219.59	\$180.38	\$226.26	\$185.86	\$233.14	\$191.51
Business Mgmt Spec I	\$141.75	\$116.44	\$146.06	\$119.98	\$150.50	\$123.63	\$155.07	\$127.39	\$159.79	\$131.26
Business Mgmt Analyst II	\$116.19	\$95.44	\$119.72	\$98.34	\$123.36	\$101.33	\$127.11	\$104.41	\$130.98	\$107.59
Business Mgmt Analyst I	\$89.47	\$73.49	\$92.19	\$75.72	\$94.99	\$78.03	\$97.88	\$80.40	\$100.86	\$82.84

The rates shown above include the IFF of 0.75% and reflect an escalation rate of 3.04% for the base contract period (contract years 2 through 5) in accordance with EPA Clause I-FSS-969.

The Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Engineering Services (PES) Schedule and all services provided. While no specific labor categories have been identified as being subject to SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CFR 541.300), this contract still maintains the provisions and protections for SCA eligible labor categories. If, and/or when, the contractor adds SCA labor categories and/or employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCA matrix identifying the GSA labor category titles, the occupational code, SCA labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.

As described previously in “Customer Information”, these rates may be subject to further reduction:

- Discounts may be offered for task orders with a value over \$1,000,000.
- Discounts may be offered in response to Blanket Purchase Agreements (BPAs).

Blanket Purchase Agreements

An ordering office with a broad scope of tasks to be performed, or with recurring requirements may consider a Blanket Purchasing Agreement (BPA). A BPA allows the ordering office to consolidate funding, reporting, and management of a series of Task Orders, and provides the foundation from which new Task Orders can more readily and rapidly be created. Also, price reductions from the published schedule rates are possible through a BPA. With no minimum or maximum ordering limit under BPAs, ordering agencies get the benefit of the BPA discounted

price regardless of the size of the order. A progressive type of discounting may be offered where the discount would increase once sales reach certain prescribed levels.

Fixed Price Task Orders

Based on the nature of work to be performed, an ordering office may consider a Firm Fixed Price Task Order. A Task Order must be clearly identified as fixed price by the ordering office when requesting a proposal from the SI.

Security Requirements

The SI personnel who will perform under this contract may have clearances including SECRET, TOP SECRET, and certain special access clearances. In the event that security requirements are necessary, the ordering activity may incorporate in their delivery order(s) a security clause in accordance with current laws, regulations, and individual agency policy; however, the burden of administering the security requirements shall be with the ordering agency. The clearance level of the SI personnel, as well as any costs necessary to comply with the security requirements, will be included in the task order proposal.

Organizational Conflict of Interest

It is incumbent on the ordering office to identify any potential Organizational Conflicts of Interest (OCI) in a task order that may be issued. The ordering office should inform the SI of such a potential prior to issuance of any tasking. The SI has established procedures for resolving or mitigating any OCI that may be so identified.

Ordering Procedures

On-line access to contract ordering information, terms and conditions and other information is available by accessing the Federal Supply Services Home Page via the Internet at <http://www.fss.gsa.gov/>.

GSA schedules are competitively awarded contracts each with fixed labor rates and are available to all federal agencies and their approved contractors. The fixed hourly rates herein have already been determined to be “fair and reasonable” by the Government per "FAR 8.4." Work efforts contracted via the GSA schedule by Task Orders are awarded directly to the contractor by the agency. There is no need to advertise these type procurements. The details pertaining to this simplified procurement process are contained in FAR 8.4.

The following is a simplified list of steps required to contract when using the GSA schedules:

1. A need for services is identified by a government agency, which is then coordinated with the supporting agency procurement office. Typical information required by the agency procurement office to initiate a request for services is as follows:
 - a. Scope of Work
 - b. Place of Performance
 - c. Period of Performance
 - d. Deliverables Required
 - e. Acceptance Criteria
 - f. Funding Estimate

- g. Other Requirements (e.g., applicable standards, security clearances, travel, etc.)
2. Once all requirements are received, reviewed and deemed acceptable, the agency procurement office prepares and issues a Request for Proposal or Quote (RFP/RFQ) to a prospective offeror or offerors. This RFP/RFQ may be issued direct to the offeror (s) or it may be issued through the GSA e-Buy system.
3. Upon receipt, the SI will review the requirements contained in the RFP/RFQ and subsequently prepare and submit its proposal to the requesting procurement agency. This response will be consistent with the requirements contained in the RFP/RFQ and in accordance with the fixed labor rates per the labor categories in the GSA Rate Schedule contained herein.
4. The SI response will then be reviewed for a best value determination by the requesting agency procurement office and if selected, an award will be made.
5. The agency procurement officer then issues the Task Order and the SI initiates its work effort consistent with the schedule therein.

Upon request, the SI is able to provide a GSA Multiple Award Schedule Desk Reference guide containing more detailed ordering information.