



**ARGOTEK**

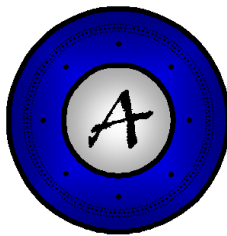
**A SECURITY ENGINEERING SERVICES CORPORATION**

**GENERAL SERVICES ADMINISTRATION**

**Federal Supply Service  
Authorized Federal Supply Schedule Price List**

**Professional Engineering Services  
Contract Number GS-23F-0171M**

**Contract period: April 22, 2012 – April 21, 2017**



FSC Group 87 / Standard Industry Group 541  
FSC Class(es)/Product code(s): 871



**Contractor's name, address, and phone number:**

Argotek Inc., a Parsons Company  
5875 Trinity Parkway, Suite 300  
Centreville, VA 20120

Attn: Jason C. Nizialek,  
Senior Vice President, Operations Manager.

**Phone:** 703-303-6920

**Fax:** 703-988-8599 (attn: Jason Nizialek)

**E-Mail:** [jason.nizialek@sparta.com](mailto:jason.nizialek@sparta.com)

**Website:** <http://www.parsons.com/markets/Pages/sparta.aspx>

**Contract administration source** Same as above

**Business size:** Large Business

**Pricing Effective:** 22 Apr. 2012

**Modification No.:** PO-0026

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!™, a menu driven database system. The INTERNET address GSA Advantage!® is: [GSAAdvantage.gov](http://GSAAdvantage.gov).

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at [fss.gsa.gov](http://fss.gsa.gov).



**CUSTOMER INFORMATION (Information for Ordering Offices)**

**1. Table of awarded special item number(s) with appropriate cross-reference to page number(s):**

Special Item Number (SIN) / Title

- 871-1 Strategic Planning for Technology Programs
- 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 Lifecycle Management

**2. Maximum order:**

The maximum order designated for award under this schedule is \$ 750,000. However, an order for services that exceeds this maximum may be placed in accordance with the provisions of Federal Acquisition Regulation (FAR) 8.404

**3. Minimum order:**

The minimum order for services covered under this contract is \$100.

**4. Geographic coverage (delivery area): Worldwide**

**5. Point(s) of production (city, county, and State or foreign country):**

The primary point of production is Centreville, Virginia.

**6. Discount from list prices or statement of net price:**

All prices listed are net prices.

**7. Quantity discounts: None**

**8. Prompt payment terms:**

No discount is offered for prompt payment. Payment terms are net 30 days.

**9. Acceptance of Government Credit Cards:**

Government credit cards will be accepted for orders above and below the micro-purchase threshold.

**10. Ordering address:**

Argotek Inc., a Parsons Company  
5875 Trinity Parkway, Suite 300  
Centreville, VA 20120

Attn: Jason C. Nizialek  
Phone: 703-303-6920  
Fax: 703-754-9412  
E-Mail: jason.nizialek@parsons.com



**11. Payment address(es):**

Argotek Inc.  
25531 Commercentre Dr., Suite 120  
Lake Forest, CA 92630-8874  
Attn: Jason C. Nizialek

*For payment via Check to Lockbox only:*

Argotek Inc.,  
25998 Network Place  
Chicago, IL 60673-12591

*For payment via Electronic Funds Transfer (EFT)*

Financial Institution: JPMorgan Chase Bank, N.A., New York, NY  
ACH Services POC: Louise Ehrhart  
2200 Ross Ave. 6th FL  
Dallas, TX 75201  
Routing Number: 021000021  
Account Number: Provided as required

**12. Warranty provision:**

None

**13. Export packing charges:**

Not applicable

**14. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):**

None

**15. Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants:**

Not Applicable

**16. Data Universal Number System (DUNS) number:**

120316760

**17. Notification regarding registration in Central Contractor Registration (CCR) database:**

Argotek Inc. is registered in the Central Contractor Registration (CCR) database.



## ARGOTEK CORPORATE ABSTRACT

Argotek, Inc. provides expert consulting services in the area of Information Assurance (IA) and the underlying disciplines of Information Systems Security (INFOSEC) and Cryptographic (COMSEC) implementation. Argotek performs System Security Engineering as a specialty engineering discipline under a Systems Engineering approach. Argotek maintains a unique relationship with the National Security Agency (NSA), serving as an INFOSEC Outreach Partner under an NSA-sponsored Cooperative Research and Development Agreement (CRADA) that enables Argotek to serve as NSA Security Advocates trained in the disciplines of Security Guidance and Cryptographic Certified Module Embedment (CME). Argotek offers TS/SCI cleared Certified Information System Security Professionals (CISSP) and Information System Security Engineering Professionals (ISSEP) to supplement its qualifications to provide IA & Cybersecurity consulting and system security engineering support.

Argotek is thoroughly versed and experienced with the concepts and principles found in the DoD Defense-in-Depth model for Information Assurance, the Information Assurance Technical Framework (IATF), its Information Systems Security Engineering Process, the National Information Assurance Partnership (NIAP), and Common Criteria. Furthermore, Argotek has a proven track record in program management, coupled with an excellent understanding of Systems Development, Systems Security Lifecycle, Computer Network Defense, and Boundary Protection. As Information System Security Engineers (ISSE) we evaluate targeted networks and systems and apply technical and non-technical countermeasures and safeguards, tempered with reasonable and reliable risk management techniques. Argotek employs subject matter experts in a variety of Certification Accreditation processes. We have trained and knowledgeable ISSE's experienced in the Department of Defense Information Assurance Certification and Accreditation Process (DIACAP); the National Information Assurance Certification and Accreditation Process (NIACAP); the Director Central Intelligence Directive 6/3 (DCID 6/3)—Protecting Sensitive Compartmented Information within Information Systems; and the National Reconnaissance Office Certification and Accreditation Process for Information Systems. Argotek also has a strong foundation in the core competencies and various security disciplines of IA. Argotek has experience in developing IA Research and Development (R&D) plans, beginning with advanced research to enable IA technologies, continuing with applied development of IA solutions to enable security architectures, and concluding with product systems integration and testing to measure effectiveness against customer mission need. We employ individuals with the knowledge and understanding of IA Policy and Doctrine, Security Management, Access Control, Physical Security, Business Continuity and Disaster Recovery; Security Architectures, Cryptography, Network Security, Applications and Systems Development, and Operations Security. Argotek excels in conducting IA and COMSEC-Cryptographic assessments and inspections. Argotek conducts complete threat and vulnerability analysis—a prerequisite of quality responsible risk management. Argotek possesses an extensive background in Cryptographic and COMSEC management and Accounting Operations, Key Management, Key Management Infrastructures (KMI), Electronic Key Management Systems (EKMS), National COMSEC Policies, Cryptographic Access, Emergency Action Plans, Cryptographic Keying Material and Equipment Accountability, Two Person Integrity and Two Person Control, Safeguarding COMSEC Keying Material and Equipment, COMSEC Destruction Policies and Procedures, COMSEC Incident Adjudication and Recovery, Keying Material and Equipment, COMSEC Destruction Policies and Procedures, COMSEC Incident Adjudication and Recovery, Keying Material and Cryptographic Equipment Requirement Procedures, and Protective Technologies.



**STATEMENT OF WORK – PROESSIONAL ENGINEERING SERVICES**

**BACKGROUND**

The Professional Engineering Services (PES) Schedule was established to provide a vehicle for all Government agencies to obtain the services of qualified/experienced contractor(s) under a Multiple Awards Federal Supply Schedule (FAR Part 8--as well as Part 38) that will provide PES in an efficient, streamlined, and cost effective manner in accordance with applicable statutes and regulations. A task order may contain any service or combination of services described herein.

**OBJECTIVE**

To provide a Multiple Award Schedule to Federal government agencies for obtaining high quality professional engineering services in varying degrees, from small-scale to broad-based efforts to complete outsourcing.

**SCOPE OF WORK**

The contractor shall provide all resources including personnel, management, supplies, services, materials, equipment, facilities and transportation necessary to provide a wide range of professional engineering services as specified in each task order.

Services specified in a task order may be performed at the contractor’s facilities or the ordering agencies’ facilities. The Government will determine the Contractor’s compensation by any of several different methods (to be specified at the task order level) e.g., a firm-fixed price for services with or without incentives, labor hours or time-and-materials.

There are four primary disciplines in the engineering field and hundreds of sub-disciplines or specialties associated with engineering disciplines. The primary engineering disciplines contemplated under the GSA PES Schedule are Electrical, Mechanical, Chemical, and Civil Engineering. Under each engineering discipline, there are six Special Item Numbers (SINs) that correspond to the phases of an engineering lifecycle.

***Under the scope of this contract, Argotek is able to perform only in the primary discipline of Electrical Engineering for all SINs (871-1, 2, 3, 4, 5, & 6).*** This is reflected in Table 1 below:

Primary Engineering Discipline	SIN 871-1 Strategic Planning for Technology Programs	SIN 871-2 Concept and Requirements Development	SIN 871-3 System Engineering and Integration	SIN 871-4 Test and Evaluation	SIN 871-5 Integrated Logistics Support	SIN 871-6 Acquisition and Lifecycle Support
Electrical	√	√	√	√	√	√
Mechanical						
Chemical						
Civil						

**Table 1: ARGOTEK Engineering Discipline / SIN Performance Matrix.**



## DESCRIPTION OF SPECIAL ITEM NUMBERS

The following offers a description of the six Special Item Numbers (SINs) that correspond to the phases of an engineering lifecycle. Argotek can perform services in each 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.

### 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.

### 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.

### 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.

### 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.

### 871-6 ACQUISITION AND LIFE CYCLE MANAGEMENT

Services required under this SIN involve all of the planning, budgetary, contract and systems/program management execution 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, privatization and outsourcing.



## **ORDERING PROCEDURES FOR PROFESSIONAL ENGINEERING SERVICES (REQUIRING A STATEMENT OF WORK)**

GSA has determined that the prices for services contained in the contractor's price list applicable to this Schedule are fair and reasonable. However, the ordering office using this contract is responsible for considering the level of effort and mix of labor proposed to perform a specific task being ordered and for making a determination that the total firm-fixed price or ceiling price is fair and reasonable.

When ordering services, ordering offices shall—

### **1.0 Prepare a Request for Quote (RFQ) or Request for Proposal (RFP):**

- 1.1 A statement of work (a performance-based statement of work is preferred) that outlines, at a minimum, the work to be performed, location of work, period of performance, deliverable schedule, applicable standards, acceptance criteria, and any special requirements (i.e., security clearances, travel, special knowledge, etc.) should be prepared.
- 1.2 The request should include the statement of work and request the contractors to submit either a firm-fixed price or a ceiling price to provide the services outlined in the statement of work. A firm-fixed price order shall be requested, unless the ordering office makes a determination that it is not possible at the time of placing the order to estimate accurately the extent or duration of the work or to anticipate cost with any reasonable degree of confidence. When such a determination is made, a labor hour or time-and-materials proposal may be requested. The firm-fixed price shall be based on the prices in the schedule contract and shall consider the mix of labor categories and level of effort required to perform the services described in the statement of work. The firm-fixed price of the order should also include any travel costs or other direct charges related to performance of the services ordered, unless the order provides for reimbursement of travel costs at the rates provided in the Federal Travel or Joint Travel Regulations. A ceiling price must be established for labor-hour and time-and-materials orders.
- 1.3 The request may ask the contractors, if necessary or appropriate, to submit a project plan for performing the task, and information on the contractor's experience and/or past performance performing similar tasks.
- 1.4 The request shall notify the contractors what basis will be used for selecting the contractor to receive the order. The notice shall include the basis for determining whether the contractors are technically qualified and provide an explanation regarding the intended use of any experience and/or past performance information in determining technical qualification of responses.

### **2.0 Transmit the Request to Contractors:**

- 2.1 Based upon an initial evaluation of catalogs and price lists, the ordering office should identify the contractors that appear to offer the best value (considering the scope of services offered, pricing and other factors such as contractors' locations, as appropriate).
- 2.2 The request should be provided to three (3) contractors if the proposed order is estimated to exceed the micro-purchase threshold, but not exceed the maximum order threshold. For proposed orders exceeding the maximum order threshold, the request should be provided to additional contractors that offer services that will meet the agency's needs. Ordering offices should strive to minimize the contractors' costs associated with responding to requests for quotes for specific orders. Requests should be tailored to the minimum level necessary for



adequate evaluation and selection for order placement. Oral presentations should be considered, when possible.

### **3.0 Evaluate Responses and Select the Contractor to Receive the Order:**

- 3.1 After responses have been evaluated against the factors identified in the request, the order should be placed with the schedule contractor that represents the best value. (See FAR 8.404)
- 3.2 The establishment of Federal Supply Schedule Blanket Purchase Agreements (BPAs) for recurring services is permitted when the procedures outlined herein are followed. All BPAs for services must define the services that may be ordered under the BPA, along with delivery or performance time frames, billing procedures, etc. The potential volume of orders under BPAs, regardless of the size of individual orders, may offer the ordering office the opportunity to secure volume discounts. When establishing BPAs, ordering offices shall—
  - 3.2.1 Inform contractors in the request (based on the agency's requirement) if a single BPA or multiple BPAs will be established, and indicate the basis that will be used for selecting the contractors to be awarded the BPAs.
    - 3.2.1.1 SINGLE BPA: Generally, a single BPA should be established when the ordering office can define the tasks to be ordered under the BPA and establish a firm-fixed price or ceiling price for individual tasks or services to be ordered. When this occurs, authorized users may place the order directly under the established BPA when the need for service arises. The schedule contractor that represents the best value should be awarded the BPA. (See FAR 8.404)
    - 3.2.1.2 MULTIPLE BPAs: When the ordering office determines multiple BPAs are needed to meet its requirements, the ordering office should determine which contractors can meet any technical qualifications before establishing the BPAs. When multiple BPAs are established, the authorized users must follow the procedures in (a)(2)(ii) above and then place the order with the Schedule contractor that represents the best value.
  - 3.2.2 Review BPAs Periodically: Such reviews shall be conducted at least annually. The purpose of the review is to determine whether the BPA still represents the best value. (See FAR 8.404)
- 3.3 The ordering office should give preference to small business concerns when two or more contractors can provide the services at the same firm-fixed price or ceiling price.
- 3.4 When the ordering office's requirement involves both products as well as executive, administrative and/or professional, services, the ordering office should total the prices for the products and the firm-fixed price for the services and select the contractor that represents the best value. (See FAR 8.404)
- 3.5 The ordering office, at a minimum, should document orders by identifying the contractor from which the services were purchased, the services purchased, and the amount paid. If other than a firm-fixed price order is placed, such documentation should include the basis for the determination to use a labor-hour or time-and-materials order. For agency requirements in excess of the micro-purchase threshold, the order file should document the evaluation of Schedule contractors' quotes that formed the basis for the selection of the contractor that received the order and the rationale for any trade-offs made in making the selection.





## Appendix A - LABOR CATEGORY DEFINITION

Argotek provides Professional Engineering Services in the primary engineering discipline of electrical engineering and the specialty engineering discipline of System Security Engineering. Our services span the engineering lifecycle represented by Special Item Numbers (SINs) 871-1 through 871-6. The labor categories defined in this section are those that both directly support and are incidental to the performance of those lifecycle professional engineering services.

### DETAILED LABOR CATEGORY DESCRIPTIONS

Each labor category defined below is characterized by general experience, specialized experience, and education.

#### 1. Principal Systems Engineer

**General Experience:** Minimum of 15 years of experience as an engineer in one or more of the engineering disciplines of Chemical, Civil, Electrical, or Mechanical Engineering or sub-disciplines related to them including, but not limited to the following examples: Safety, Bioengineering, Structural, Transportation, Geotechnical, Aerospace and Electronic Systems, Geoscience, Information Theory, Lasers & Electro Optics, Communications, Engineering Management, Industrial, Manufacturing Nuclear, Signal processing, Applied Mechanics, Fluids and Fuels, etc.

Duties typically involve performing engineering services that may include but are not limited to the following: engineering studies and analyses; technology planning; systems architecture development; requirements development; concept development; systems design; system development and integration; test and evaluation; systems operation; construction; control of systems and components; integrated logistics support; modeling and simulation; configuration management; and systems acquisition and life-cycle management in compliance with current Industry and Government practices.

**Specialized Experience:** At least 8 years leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported. Works independently; applies expert knowledge of state-of-the-art technologies; provides technical guidance to project leaders and program managers. Regularly serves as an advisor to all levels of staff on problems of unusual complexity. Recognized authority within field of expertise and extensive knowledge of related fields.

**Education:** Must have a Bachelor's Degree or higher in one or more of the engineering disciplines of Chemical, Civil, Electrical, or Mechanical Engineering or sub-disciplines related to them as described in the General Experience section above. Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 13 years. For Doctorate degree holders, general experience required is 10 years. An additional 8 years of General Experience may be used in lieu of a Bachelor Degree. Specialized experience requirements remain the same.

#### 2. Senior Systems Engineer

**General Experience:** Minimum of 10 years of experience as an engineer in one or more of the engineering disciplines of Chemical, Civil, Electrical, or Mechanical Engineering or sub-disciplines related to them including, but not limited to the following examples: Safety, Bioengineering, Structural, Transportation, Geotechnical, Aerospace and Electronic Systems, Geo-science, Information Theory, Lasers & Electro Optics, Communications, Engineering Management, Industrial, Manufacturing Nuclear, Signal processing, Applied Mechanics, Fluids and Fuels, etc.

Duties typically involve performing engineering services that may include but are not limited to the following: engineering studies and analyses; technology planning; systems architecture development; requirements development; concept development; systems design; system development and integration; test and evaluation; systems operation; construction; control of systems and components; integrated logistics support; modeling and simulation; configuration management; and systems acquisition and life-cycle management in compliance with current Industry and Government practices.



**Specialized Experience:** At least 5 years leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported. Works independently; applies expert knowledge of state-of-the-art technologies; provides technical guidance to project leaders and program managers. Serves as a technical advisor on complex problems to other staff members; stimulates others through ideas and information.

**Education:** Must have a Bachelor's Degree or higher in Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, sub-disciplines related to them as described in the General Experience section above. Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 8 years. For Doctorate degree holders, general experience required is 5 years. An additional 8 years of General Experience may be used in lieu of a Bachelor Degree. Specialized experience requirements remain the same.

### 3. Systems Engineer

**General Experience:** Minimum of 6 years of experience as an engineer in one or more of the engineering disciplines of Chemical, Civil, Electrical, or Mechanical Engineering or sub-disciplines related to them including, but not limited to the following examples: Safety, Bioengineering, Structural, Transportation, Geo-technical, Aerospace and Electronic Systems, Geo-science, Information Theory, Lasers & Electro Optics, Communications, Engineering Management, Industrial, Manufacturing Nuclear, Signal processing, Applied Mechanics, Fluids and Fuels, etc.

Duties typically involve performing engineering services that may include but are not limited to the following: engineering studies and analyses; technology planning; systems architecture development; requirements development; concept development; systems design; system development and integration; test and evaluation; systems operation; construction; control of systems and components; integrated logistics support; modeling and simulation; configuration management; and systems acquisition and life-cycle management in compliance with current Industry and Government practices.

**Specialized Experience:** At least 3 years leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported. Works with limited direction on complex assignments; applies knowledge of state-of-the-art technologies; provides technical guidance to project leaders and program managers. Serves as a technical advisor to other staff members.

**Education:** Must have a Bachelor's Degree or higher in Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, or sub-disciplines related to them as described in the General Experience section above. Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 4 years. For Doctorate degree holders, general experience required is 1 year. An additional 8 years of General Experience may be used in lieu of a Bachelor Degree. Specialized experience requirements remain the same.

### 4. Junior Systems Engineer

**General Experience:** Must have a minimum of 4 years of experience as an engineer in; at least one of the primary, and subsequent specialty, engineering disciplines of Chemical Engineering, Civil Engineering, Electrical Engineering, or Mechanical Engineering or sub-disciplines related to them including, but not limited to the following examples: Safety, Bioengineering, Structural, Transportation, Geo-technical, Aerospace and Electronic Systems, Geo-science, Information Theory, Lasers & Electro Optics, Communications, Engineering Management, Industrial, Manufacturing Nuclear, Signal processing, Applied Mechanics, Fluids and Fuels, etc.

Duties typically involve performing engineering services that may include but are not limited to the following: engineering studies and analyses; technology planning; systems architecture development; requirements development; concept development; systems design; system development and integration; test and evaluation; systems operation; construction; control of systems and components; integrated logistics support; modeling and simulation; configuration management; and systems acquisition and life-cycle management in compliance with current Industry and Government practices.



**Specialized Experience:** At least educational background in the technical field directly related to the required tasking area being supported. Works with direction on complex assignments; applies knowledge of state-of-the-art technologies; provides technical assistance to project leaders and program managers. Serves as a technical assistant to other staff members.

**Education:** Must have a Bachelor's Degree or higher in Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, or sub-disciplines related to them as described in the General Experience section above. Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 2 years. An additional 8 years of General Experience may be used in lieu of a Bachelor Degree. Specialized experience requirements remain the same.

## 5. Principal System Security Engineer

**General Experience:** Minimum of 15 years of experience as an engineer in one or more of the engineering disciplines of chemical, civil, electrical, or mechanical engineering or sub-disciplines related to them including, but not limited to the following examples: aerospace, electronic systems, information theory, communications, telecommunications, network, computer, software, information security (INFOSEC), communications security (COMSEC), engineering management, or other engineering disciplines.

Duties typically involve performing engineering services that may include but are not limited to the following: engineering studies and analyses; technology planning; systems architecture development; requirements development; concept development; systems design; system development and integration; test and evaluation; systems operation; construction; control of systems and components; integrated logistics support; modeling and simulation; configuration management; and systems acquisition and life-cycle management in compliance with current Industry and Government practices.

**Specialized Experience:** At least 8 years leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported. Works independently; applies expert knowledge of state-of-the-art technologies; provides technical guidance to project leaders and program managers. Regularly serves as an advisor to all levels of staff on problems of unusual complexity. Recognized authority within field of expertise and extensive knowledge of related fields. May hold a professional certification related to the specialty engineering areas described under General Experience.

**Education:** Must have a Bachelor's Degree or higher in one or more of the engineering disciplines of Chemical, Civil, Electrical, or Mechanical Engineering or sub-disciplines related to them as described in the General Experience section above. Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 13 years. For Doctorate degree holders, general experience required is 10 years. Any of the following may be used in lieu of a Bachelor Degree: an additional 8 years of General Experience; an additional 5 years of General Experience plus Certified Information System Security Engineering Professional (CISSP) credential (or equivalent DoD 8570 certification); an additional 3 years of General Experience plus Information Systems Security Engineering Professional credential (or equivalent DoD 8570 certification). Specialized experience requirements remain the same.

## 6. Senior System Security Engineer

**General Experience:** Minimum of 10 years of experience as an engineer in one or more of the engineering disciplines of chemical, civil, electrical, or mechanical engineering or sub-disciplines related to them including, but not limited to the following examples: aerospace, electronic systems, information theory, communications, telecommunications, network, computer, software, information security (INFOSEC), communications security (COMSEC), engineering management, or other engineering disciplines.

Duties typically involve performing engineering services that may include but are not limited to the following: engineering studies and analyses; technology planning; systems architecture development; requirements development; concept development; systems design; system development and integration; test and evaluation; systems operation; construction; control of systems and components; **integrated logistics support; modeling**



and simulation; configuration management; and systems acquisition and life-cycle management in compliance with current Industry and Government practices.

**Specialized Experience:** At least 5 years leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported. Works independently; applies expert knowledge of state-of-the-art technologies; provides technical guidance to project leaders and program managers. Serves as a technical advisor on complex problems to other staff members; stimulates others through ideas and information. Recognized authority within field of expertise and extensive knowledge of related fields. May hold a professional certification related to the specialty engineering areas described under General Experience.

**Education:** Must have a Bachelor's Degree or higher in one or more of the engineering disciplines of Chemical, Civil, Electrical, or Mechanical Engineering or sub-disciplines related to them as described in the General Experience section above. Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 8 years. For Doctorate degree holders, general experience required is 5 years. Any of the following may be used in lieu of a Bachelor Degree: an additional 8 years of General Experience; an additional 5 years of General Experience plus Certified Information System Security Engineering Professional (CISSP) credential (or equivalent DoD 8570 certification); an additional 3 years of General Experience plus Information Systems Security Engineering Professional credential (or equivalent DoD 8570 certification). Specialized experience requirements remain the same.

## 7. System Security Engineer

**General Experience:** Minimum of 6 years of experience as an engineer in one or more of the engineering disciplines of chemical, civil, electrical, or mechanical engineering or sub-disciplines related to them including, but not limited to the following examples: aerospace, electronic systems, information theory, communications, telecommunications, network, computer, software, information security (INFOSEC), communications security (COMSEC), engineering management, or other engineering disciplines.

Duties typically involve performing engineering services that may include but are not limited to the following: engineering studies and analyses; technology planning; systems architecture development; requirements development; concept development; systems design; system development and integration; test and evaluation; systems operation; construction; control of systems and components; integrated logistics support; modeling and simulation; configuration management; and systems acquisition and life-cycle management in compliance with current Industry and Government practices.

**Specialized Experience:** At least 3 years leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported. Works with limited direction on complex assignments; applies knowledge of state-of-the-art technologies; provides technical guidance to project leaders and program managers. Serves as a technical advisor on complex problems to other staff members; stimulates others through ideas and information.

**Education:** Must have a Bachelor's Degree or higher in Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, or sub-disciplines related to them as described in the General Experience section above. Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 4 years. For Doctorate degree holders, general experience required is 1 year. Any of the following may be used in lieu of a Bachelor Degree: an additional 8 years of General Experience; an additional 5 years of General Experience plus Certified Information System Security Engineering Professional (CISSP) credential (or equivalent DoD 8570 certification); an additional 3 years of General Experience plus Information Systems Security Engineering Professional credential (or equivalent DoD 8570 certification). Specialized experience requirements remain the same.



## 8. Junior System Security Engineer

**General Experience:** Minimum of 4 years of experience as an engineer in one or more of the engineering disciplines of chemical, civil, electrical, or mechanical engineering or sub-disciplines related to them including, but not limited to the following examples: aerospace, electronic systems, information theory, communications, telecommunications, network, computer, software, information security (INFOSEC), communications security (COMSEC), engineering management, or other engineering disciplines.

Duties typically involve performing engineering services that may include but are not limited to the following: engineering studies and analyses; technology planning; systems architecture development; requirements development; concept development; systems design; system development and integration; test and evaluation; systems operation; construction; control of systems and components; integrated logistics support; modeling and simulation; configuration management; and systems acquisition and life-cycle management in compliance with current Industry and Government practices.

**Specialized Experience:** At least educational background in the technical field directly related to the required tasking area being supported. Works with direction on complex assignments; applies knowledge of state-of-the-art technologies; provides technical assistance to project leaders and program managers. Serves as a technical assistant to other staff members.

**Education:** Must have a Bachelor's Degree or higher in one or more of the engineering disciplines of Chemical, Civil, Electrical, or Mechanical Engineering or sub-disciplines related to them as described in the General Experience section above. Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 2 years. Any of the following may be used in lieu of a Bachelor Degree: an additional 8 years of General Experience; an additional 5 years of General Experience plus Certified Information System Security Engineering Professional (CISSP) credential (or equivalent DoD 8570 certification); an additional 3 years of General Experience plus Information Systems Security Engineering Professional credential (or equivalent DoD 8570 certification). Specialized experience requirements remain the same.

## 10. Senior Information Security (INFOSEC) Scientist

**General Experience:** Minimum of 10 years experience as a Scientist or Mathematician in a science or mathematics discipline that supports one or more of the phases of systems engineering and security engineering that extends from initial strategic technology planning through life-cycle management and related engineering services including, but not limited to: physics, computing technologies, communications technologies, modeling and simulation, algorithm development, statistical analysis, etc., in compliance with current Industry and Government practices.

**Specialized Experience:** At least 5 years leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported. Works independently; applies expert knowledge of state-of-the-art technologies; provides technical guidance to project leaders and program managers. Serves as a technical advisor on complex problems to other staff members; stimulates others through ideas and information. Recognized authority within field of expertise and extensive knowledge of related fields. May hold a professional certification related to the specialty engineering areas described under General Experience.

**Education:** Must have a Bachelor's Degree or higher in a Science or Mathematics, discipline that supports engineering services (e.g., Physics, Biology, Chemistry, Earth Sciences, Statistics, Economics, Education and other engineering related sciences). Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 8 years. For Doctorate degree holders, general experience required is 5 years. Any of the following may be used in lieu of a Bachelor Degree: an additional 8 years of General Experience; an additional 5 years of General Experience plus Certified Information System Security Engineering Professional (CISSP) credential (or equivalent DoD 8570 certification); an additional 3 years of General Experience plus Information Systems Security Engineering Professional credential (or equivalent DoD 8570 certification). Specialized experience requirements remain the same.



## 11. Information Security (INFOSEC) Scientist

**General Experience:** Minimum of 6 years experience as a Scientist or Mathematician in a science or mathematics discipline that supports one or more of the phases of systems engineering and security engineering that extends from initial strategic technology planning through life-cycle management and related engineering services including, but not limited to: physics, computing technologies, communications technologies, modeling and simulation, algorithm development, statistical analysis, etc., in compliance with current Industry and Government practices.

**Specialized Experience:** At least 3 years leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported. Works with limited direction on complex assignments; applies knowledge of state-of-the-art technologies; provides technical guidance to project leaders and program managers. Serves as a technical advisor on complex problems to other staff members; stimulates others through ideas and information.

**Education:** Must have a Bachelor's Degree or higher in a Science or Mathematics, discipline that supports engineering services (e.g., Physics, Biology, Chemistry, Earth Sciences, Statistics, Economics, Education and other engineering related sciences). Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 4 years. For Doctorate degree holders, general experience required is 1 year. Any of the following may be used in lieu of a Bachelor Degree: an additional 8 years of General Experience; an additional 5 years of General Experience plus Certified Information System Security Engineering Professional (CISSP) credential (or equivalent DoD 8570 certification); an additional 3 years of General Experience plus Information Systems Security Engineering Professional credential (or equivalent DoD 8570 certification). Specialized experience requirements remain the same.

## 12. Junior Information Security (INFOSEC) Scientist

**General Experience:** Minimum of 4 years experience as a Scientist or Mathematician in a science or mathematics discipline that supports one or more of the phases of systems engineering and security engineering that extends from initial strategic technology planning through life-cycle management and related engineering services including, but not limited to: physics, computing technologies, communications technologies, modeling and simulation, algorithm development, statistical analysis, etc., in compliance with current Industry and Government practices.

**Specialized Experience:** At least educational background in the technical field directly related to the required tasking area being supported. Works with direction on complex assignments; applies knowledge of state-of-the-art technologies; provides technical assistance to project leaders and program managers. Serves as a technical assistant to other staff members.

**Education:** Must have a Bachelor's Degree or higher in a Science or Mathematics, discipline that supports engineering services (e.g., Physics, Biology, Chemistry, Earth Sciences, Statistics, Economics, Education and other engineering related sciences). Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 2 years. Any of the following may be used in lieu of a Bachelor Degree: an additional 8 years of General Experience; an additional 5 years of General Experience plus Certified Information System Security Engineering Professional (CISSP) credential (or equivalent DoD 8570 certification); an additional 3 years of General Experience plus Information Systems Security Engineering Professional credential (or equivalent DoD 8570 certification). Specialized experience requirements remain the same.



## 15. Program Analyst

**General Experience:** Must have a minimum of 6 years of experience as an analyst in; at least one of the primary analytic disciplines that include but are not limited to Economics; Cost; Budget; Quality Assurance; Business Processes; Operations Research; Imagery; or other engineering related technical/functional analysis fields in compliance with current Industry and Government practices.

**Specialized Experience:** At least 3 years of specialized management analysis experience in areas such as business process reengineering, configuration management, quality control/assurance, organizational performance assessments, mission analysis, and strategic planning; or at least 3 years of specialized financial management experience in areas such as budget, resource oversight, resource management, accounting principles, acquisition cost analysis, and financial reporting. Works with limited direction on complex assignments; identifies potential problems and solutions through data analysis, reduction, and entry; provides technical guidance to project leaders and program managers. Serves as a technical advisor to other staff members.

**Education:** Must have a Bachelor's Degree or higher in an analytic discipline or closely related field. Advanced degree holders will require shorter periods of General Experience than holders of Bachelor Degrees. For Masters degrees, general experience required is 4 years. For Doctorate degree holders, general experience required is 1 year. An additional 8 years of General Experience may be used in lieu of a Bachelor Degree. Specialized experience requirements remain the same.

## 20. Consultant

This is a special labor category established to accommodate customer needs for professional engineering services that exceed Argotek's core employee resource base. While Argotek has the personnel to be responsive to the entire system security engineering lifecycle, circumstances may arise which require specialized skills to complete customer tasking. Argotek seeks to establish the flexibility in its pricing to accommodate such a requirement. The Consultant labor category provides Argotek with the ability to bring on subject matter experts with specialized experience and professional engineering skill sets that Argotek may not have on staff when needed and that are hard to find in the general engineering industry/population.

The General Experience, Specialized Experience, Education for a consultant will vary based on the customer task requirement. However, the minimum general experience and education for a consultant shall be no less than that of a Principal Systems Engineer or Principal Systems Security Engineer. Additionally, Specialized Experience will exceed Principal Systems Engineer or Principal Systems Security Engineer by at least 3 years.



**ARGOTEK PRICELIST FOR GSA/FSS CONTRACT NUMBER GS-23F-0171M \***  
**PROFESSIONAL ENGINEERING SERVICES (SINs 871-1,-2,-3,-4,-5,-6)**

\*Pricing is derived from Commercial Pricelists and Economic Price Adjustment Clause in effect for this contract.

**PRICING EFFECTIVE: April 22, 2012**

**Most Recent Contract Pricing Modification: PS-0016**

	Labor Category	Minimum Education	Years General Experience	Equivalent Education and General Experience	Years Specialized Experience	Performance Expectation	Hourly Site Rate (\$/hr)	Hourly Full Rate (\$/hr)
1	Principal Systems Engineer	B.S.	15	PhD + 10 M.S. + 13	8	- Lead - Expert Knowledge - Independent	<b>\$180.89</b>	
2	Senior Systems Engineer	B.S.	10	PhD + 5 M.S. + 8	5	- Expert Knowledge - Independent	<b>\$154.09</b>	
3	Systems Engineer	B.S.	6	PhD + 1 M.S. + 4	3	- Knowledgeable - Limited Direction	<b>\$127.29</b>	
4	Junior Systems Engineer	B.S.	4	M.S. + 2	-	- Knowledgeable - Needs Direction	<b>\$100.48</b>	
5	Principal System Security Engineer	B.S.	15	PhD + 10 M.S. + 13	8	- Lead - Expert Knowledge - Independent	<b>\$180.89</b>	
6	Senior System Security Engineer	B.S.	10	PhD + 5 M.S. + 8	5	- Expert Knowledge - Independent	<b>\$154.09</b>	<b>\$173.32</b>
7	System Security Engineer	B.S.	6	PhD + 1 M.S. + 4	3	- Knowledgeable - Limited Direction	<b>\$127.29</b>	
8	Junior System Security Engineer	B.S.	4	M.S. + 2	-	- Knowledgeable - Needs Direction	<b>\$100.48</b>	
10	Senior INFOSEC Scientist	B.S.	10	PhD + 5 M.S. + 8	5	- Expert Knowledge - Independent	<b>\$154.09</b>	
11	INFOSEC Scientist	B.S.	6	PhD + 1 M.S. + 4	3	- Knowledgeable - Limited Direction	<b>\$127.29</b>	
12	Junior INFOSEC Scientist	B.S.	4	M.S. + 2	-	- Knowledgeable - Needs Direction	<b>\$100.48</b>	
15	Program Analyst	B.S.	6	PhD + 1 M.S. + 4	3	- Knowledgeable - Limited Direction	<b>\$113.89</b>	
20	Consultant	B.S.	15	PhD + 10 M.S. + 13	11	- Lead - Expert Knowledge - Independent	<b>\$227.48</b>	<b>\$296.01</b>





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**ARGOTEK Pricelist for the General Services Administration (GSA)**  
**Federal Supply Schedule Contract for Professional Engineering Services**  
**Contract Number GS-23F-0171M**

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