

**GENERAL SERVICES ADMINISTRATION (GSA)  
FEDERAL ACQUISITION SERVICE (FAS)**

**AUTHORIZED FEDERAL SUPPLY SCHEDULE  
PRICE LIST**

**PROFESSIONAL ENGINEERING SERVICES  
(PES)**



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Communication Systems-West

**L-3 Communications Corporation  
Engineering and Technical Services  
5575 Tech Center Drive, Suite 330  
Colorado Springs, CO 80910  
(719) 622-4901  
[MRCcontract@L-3com.com](mailto:MRCcontract@L-3com.com)  
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|  |                                 |
|--|---------------------------------|
| <b>Contract Number</b>                                       | GS-23F-0147M                    |
| <b>Modification Number 20</b><br>URL and Phone Number Change | Effective September 19,<br>2014 |
| <b>Period Covered by Contract</b>                            | 04/02/2002 - 04/01/2017         |
| <b>Standard Industry Group</b>                               | 871                             |
| <b>Service Code</b>  | R425                            |
| <b>Business Size</b>   | Large                           |

For more information on ordering from Federal Supply Schedules, click the **FSS** button at <http://www.fss.gsa.gov/>.





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## 1 Customer Information

### 1a. Awarded Special Item Numbers (SINs):

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

### 1b. Lowest Price Model Number and Lowest Unit Price: Not applicable

### 1c. Hourly Rates: See Section 3, "Services Price List - Hourly Rates."

### 2. Maximum Order: \$1,000,000 per SIN

### 3. Minimum Order: For Schedule orders, the minimum order designated is \$100.

### 4. Geographic Coverage: The contract's geographic scope is worldwide.

### 5. Production Points: Services under this Schedule are provided as specified on individual orders.

### 6. Discount from List Prices or NET Price Statement: Prices herein are NET (basic discounts have been deducted).

### 7. Quantity Discount: As specified on individual orders.

### 8. Prompt payment: Net 30 days

### 9a. Notification that Government Purchase Cards are Accepted at or Below the Micropurchase Threshold:

Accepted  Not Accepted

### 9b. Notification that Government Purchase Cards are accepted Above the Micropurchase Threshold:

Accepted  Not Accepted

### 10. Foreign Items: Not applicable

### 11a. Delivery Time: For services, date of award to completion.

### 11b. Expedited Delivery: As negotiated (per task order).

### 11c. Overnight and two-day delivery: As negotiated (per task order).

### 11d. Urgent Requirements: When the contract delivery period does not meet an ordering activity's bona fide urgent delivery requirements, the ordering activity is encouraged, if time permits, to contact the contractor for accelerated delivery. The contractor shall reply to the inquiry within three (3) workdays after receipt. (The contractor shall confirm telephone replies in writing.) If the contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed-on accelerated delivery time shall be delivered in this shorter delivery time in accordance with all other contract terms and conditions.

### 12. F.O.B. Point(s): Destination

**13a. Ordering Address(es):**

| US Mail/Federal Express  | Facsimile   | E-Mail   |
|--|---|--|
| L-3 National Security Solutions, Inc.<br>Multiple-Award Resource Center<br>11955 Freedom Drive<br>Reston, VA 20190 | L-3 National Security Solutions, Inc.<br>Multiple-Award Resource Center<br>703.434.4620<br>To verify transmission: 703.434.4000 | Multiple-Award Resource Center<br><a href="mailto:MRCcontract@l-3com.com">MRCcontract@l-3com.com</a> |

**13b. Ordering Procedures:** For supplies and services, ordering procedures and information on Blanket Purchase Agreements (BPAs) are in Federal Acquisition Regulation (FAR) 8.405-3.

**14. Payment Address(es):**

| US Mail  | Federal Express  | EFT/Wire/ACH   |
|--|--|--|
| L 3 Communication Corporation<br>PO Box 8292<br>2015 Manhattan Beach<br>Redondo Beach CA 90278 | L 3 Communication Corporation<br>PO Box 8292<br>2015 Manhattan Beach<br>Redondo Beach CA 90278 | E&TS, a division of L-3 Communications Corporation<br>Comerica Bank<br>Acct: 1894728128<br>ABA: 121137522<br>SWIFT Address: MNBDUS33 (Foreign Wires) |

- 15. Warranty Provision:** Not applicable
- 16. Export Packing Charges:** Not applicable
- 17. Government Purchase Card Acceptance Terms and Conditions:** Not applicable
- 18. Rental, Maintenance, and Repair Terms and Conditions:** Not applicable
- 19. Installation Terms and Conditions:** Not applicable
- 20. Repair Part Terms and Conditions:** Not applicable
- 20a. Terms and Conditions for Any Other Services:** Not applicable
- 21. List of Service and Distribution Points:** Not applicable
- 22. List of Participating Dealers:** Not applicable
- 23. Preventative Maintenance:** Not applicable
- 24a. Special Attributes:** Not applicable
- 24b. Section 508 Compliance:** If applicable, Section 508 compliance on contract supplies and services are available in Electronic and Information Technology (EIT). L-3 understands that Section 508 generally requires Federal agencies to ensure that EIT procurement accounts for all users' needs, including those of people with disabilities. As agencies identify Access Board technical provisions applicable to each order, L-3 will meet those provisions. EIT standards are posted at [www.Section508.gov/](http://www.Section508.gov/).
- 25. Data Universal Number System (DUNS) number:** L-3 has registered with the Data Universal Number System (DUNS) database.  
L-3 Communications Corporation, Communication System-West's DUNS number is 147671429
- 26. Registration in Central Contractor Registration (CCR) Database:** L-3 has registered with the System for Award Management (SAM) database (formerly CCR).  
L-3 Communications Corporation, Communication System-West's CAGE code is 2D448



27. **Uncompensated Overtime:** Labor rates are based on a 40-hour work week.



## **2 Special Item Number (SIN) Descriptions**

### **2.1 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, program evaluations, analysis of program effectiveness, requirements analysis, organizational performance assessment, special studies and analysis, training, and consulting. 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. PES does not include architect-engineer services as defined in the Brooks Act and FAR Part 2. PES does not include design or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

### **2.2 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. Carrier and freight forwarding management

### **2.3 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. Contingency planning

### **2.4 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 to 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.



## **2.5 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.

## **2.6 SIN 871-6: Acquisition and Life Cycle Management**

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



### 3 Services Price List - Hourly Rates

SINs 871-1, 871-2, 871-3, 871-4, 871-5, 871-6

#### Option Period 2

|   | Year 11           | Year 12            | Year 13           | Year 14           | Year 15           |
|---|-------------------|--------------------|-------------------|-------------------|-------------------|
| Labor Category                                      | 4/2/2012-4/1/2013 | 4/2/2013-4/1/2014  | 4/2/2014-4/1/2015 | 4/2/2015-4/1/2016 | 4/2/2016-4/1/2017 |
| Principal Analytical/Scientific Engineer            | \$154.61          | \$158.94           | \$163.39          | \$167.97          | \$172.67          |
| Principal Consulting Analytical/Scientific Engineer | \$174.73          | \$179.62           | \$184.65          | \$189.82          | \$195.14          |
| Consulting Analytical/Scientific Manager            | \$198.39          | \$203.95           | \$209.66          | \$215.53          | \$221.56          |
| Senior Analytical/Scientific Manager                | \$157.52          | \$161.93           | \$166.47          | \$171.13          | \$175.92          |
| Junior Tech Support                                 | \$79.02           | \$81.23            | \$83.51           | \$85.85           | \$88.25           |
| Senior Tech Support                                 | \$91.67           | \$94.23            | \$96.87           | \$99.58           | \$102.37          |
| Office Support/Clerical**                           | \$88.49           | \$90.97            | \$93.52           | \$96.13           | \$98.83           |
| Associate Analytical/Scientific Engineer            | \$99.37           | \$102.15           | \$105.01          | \$107.95          | \$110.97          |
| Junior Analytical/Scientific Engineer               | \$113.16          | \$116.33           | \$119.59          | \$122.94          | \$126.38          |
| Mid Analytical/Scientific Engineer                  | \$129.02          | \$132.64           | \$136.35          | \$140.17          | \$144.09          |
| Senior Analytical/Scientific Engineer               | \$139.39          | \$143.29           | \$147.30          | \$151.43          | \$155.67          |
|   | Year 11           | Year 12            | Year 13           | Year 14           | Year 15           |
| Labor Category                                      | 4/2/2012-9/9/2013 | 8/xx/2013-4/1/2014 | 4/2/2014-4/1/2015 | 4/2/2015-4/1/2016 | 4/2/2016-4/1/2017 |
| Program Manager                                     | N/A               | \$280.99           | \$280.99          | \$285.77          | \$290.62          |
| Senior Systems Engineer                             | N/A               | \$294.43           | \$294.43          | \$299.44          | \$304.53          |
| Senior Engineer                                     | N/A               | \$258.79           | \$258.79          | \$263.19          | \$267.66          |

**Note:** Labor hour rates do not include materials, supplies or other incidental costs. Other direct costs (ODCs) for task orders are priced according to the ordering activity's requirements.



**SCA Matrix On-Site**

| SCA Eligible Contract Labor Category | SCA Equivalent Code - Title | Wage Determination Number |
|--------------------------------------|-----------------------------|---------------------------|
| Office Support/Clerical              | General Clerk III - 01113   | 05-2063                   |

The Service Contract Act (SCA) is applicable to this contract and includes SCA applicable labor categories. The prices for the indicated SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the matrix. The prices offered are based on the preponderance of where work is performed and should work be performed in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.



## 4 Labor Category Descriptions

| Title   | Labor Description   |
|---|---|
| Principal Analytical/Scientific Engineer            | <p>Experience directing the activities of technical, scientific, and/or information systems staff, developing plans and projects, determining needs, investigating and resolving problems, interfacing with other functions and outside personnel, preparing capital and operating requests, and managing staff.</p> <p><b>Education/Experience Requirements:</b><br/>BA/BS in computer science or applicable subject matter and 9 years experience</p>   |
| Senior Analytical/Scientific Engineer               | <p>Experience guiding, aiding, and/or managing others in the analysis, design, development, planning, and application/implementation of systems, products, services, and processes. Experience working on complex projects requiring original thinking and new approaches. Sets priorities and ensures work products conform to company and customer standards.</p> <p><b>Education/Experience Requirements:</b><br/>BA/BS in computer science or applicable subject matter and 7 years experience</p>  |
| Mid Analytical/Scientific Engineer                  | <p>Experience planning and performing complex analytical, scientific, or information systems research and applications, developing, recommending and testing new concepts, products, processes and systems. Coordinates activities involving application/implementation of recommendations.</p> <p><b>Education/Experience Requirements:</b><br/>BA/BS in computer science or applicable subject matter and 5 years experience</p>  |
| Junior Analytical/Scientific Engineer               | <p>Performs analytical, scientific, or information systems research and applications or development work. Experience determining feasible solutions, performing cost analysis, and preparing evaluations/recommendations.</p> <p><b>Education/Experience Requirements:</b><br/>BA/BS in computer science or applicable subject matter and 2 years experience</p>  |
| Associate Analytical/Scientific Engineer            | <p>Experience with systems analysis and/or computer hardware/software support and engineering. Analyzes environmental and policy, planning and scheduling; geological; and/or other analytical, scientific or information systems assignments. Analyzes, evaluates, tests, troubleshoots, and provides analytical/technical support and documentation in information systems and/or customer products, processes, and systems.</p> <p><b>Education/Experience Requirements:</b><br/>BA/BS in computer science or applicable subject matter and 0 years experience</p>   |
| Principal Consulting Analytical/Scientific Engineer | <p>Requires comprehensive knowledge of all areas of technology related to the analytical discipline or division. Senior technical resource for one or more engineering disciplines; and/or management of technical staff to execute technical work. Develops plans and projects, determines needs, investigates and resolves problems, interfaces with other functions and outside personnel, prepares capital/operating requests, and manages staff.</p> <p><b>Education/Experience Requirements:</b><br/>BA/BS in computer science or applicable subject matter and 10 years experience</p>   |
| Consulting Analytical/Scientific Manager            | <p>Requires comprehensive knowledge of several related fields. Recognized as a leader within the technical function. Manages activities of technical, scientific, and/or information systems staff to execute the company's business plan, developing plans and projects, determining needs, investigating and resolving problems, interfacing with other functions/outside personnel, preparing capital/operating requests, and managing staff. Senior resource for a specific discipline or function. Responsible for staff development, planning, assigning, and directing work.</p> <p><b>Education/Experience Requirements:</b><br/>BA/BS in computer science or applicable subject matter and 12 years experience</p> |



| Title                                       | Labor Description  |
|---|--|
| <b>Senior Analytical/Scientific Manager</b> | <p>Experience in guiding, aiding and/or managing others in the analysis, design, development, planning, and application and implementation of systems, products, services, and processes. Works complex projects requiring original thinking and new approaches. Plans, conducts, and manages assignments, reviews progress, and evaluates results. Works with other technical/administrative disciplines, performs top-level analysis/research and plans, assigns and manages personnel.</p> <p><b>Education/Experience Requirements:</b><br/>BA/BS in computer science or applicable subject matter and 7 years experience</p>   |
| <b>Senior Tech Support</b>                  | <p>Plans and performs complex analytical, scientific, or information systems research and applications. Develops, recommends, and tests new concepts, products, processes, and systems. Coordinates activities involving application/implementation of recommendations. Expertise and knowledge in assigned and related areas, including the ability to apply advanced mathematical concepts and operations. Resource and team leader in the analysis, reporting and troubleshooting of engineering, biomedical, geophysical, or other technical data, or in the design/testing/maintenance of equipment, in the coding/documentation of computer programs, and/or in scientific analysis.</p> <p><b>Education/Experience Requirements:</b><br/>7 years of closely related experience or education<br/>AA/AS or certification from accredited two year technical/military electronics program preferred</p>  |
| <b>Junior Tech Support</b>                  | <p>Experience with systems analysis and/or computer hardware/ software support. Performs analyses of environmental and other policy; planning and scheduling; geological analyses; and/or other analytical, scientific or information systems assignments. Analyzes, evaluates, tests, troubleshoots, and provides analytical/technical support and documentation in information systems and/or customer products, processes, and systems. Sets up, operates and adjusts equipment, analyzes and/or prepares engineering, biomedical, geophysical or other technical data. May assist in the design of tests or clinical trials and be able to diagnose/correct electrical or mechanical malfunctions.</p> <p><b>Education/Experience Requirements:</b><br/>2 years experience<br/>AA/AS, high school diploma, or technical certificate preferred</p>  |
| <b>Office Support/Clerical**</b>            | <p>Follows instructions, operates a variety of office equipment, and effectively performs in a business environment. Answers telephones, operates basic office and/or computer equipment and dispenses supplies and materials; receives visitors, files, logs and records information, makes copies, assists with mailings, and performs data entry. Demonstrates expertise and knowledge in assigned and related areas. Performs complex assignments. Experience in planning, assigning and coordinating activities and serving as a resource for others in the work group. Oversees the implementation of new systems and systems modifications. Performs diverse duties, requiring a specific knowledge of practices and procedures in an area of administrative specialization. Experience in preparing complicated reports, reconciling and resolving financial or other discrepancies, composing non-routine correspondence, and serving as resource for information and assistance in the work unit. Provides oversight and coordination of support staff, serving as resource and group leader in establishment of standard office practices, reviewing and preparing a wide variety of material, coordinating meetings, and performing complex clerical or administrative duties.</p> <p><b>Education/Experience Requirements:</b><br/>High School diploma and 1 year of closely related experience or additional education</p> |



| Title                          | Labor Description  |
|--------------------------------|--|
| <b>Program Manager</b>         | <p>Responsible for complete program/project development from inception to initiation; demonstrated ability to provide guidance and direction in multiple tasks across several functional areas, including the use of diverse technologies; proven expertise in the management and control of funds and resources and demonstrated capability in managing complex multitask efforts to successful completion. Responsible for the overall performance of a program/project/contract to include cost, schedule, technical performance, and subcontractors' performance. Ensures that all tasks issued are performed within cost, schedule and technical requirements and that corporate quality assurance provisions are implemented. Serves as focal point of contact with customer on technical program issues.</p> <p><b>Education/Experience Requirements:</b><br/>MA/MS Degree and 10 years experience</p>  |
| <b>Senior Systems Engineer</b> | <p>Leads a team of system engineers in problem definition, analysis, requirements analysis and development, system/subsystem interfaces, system/subsystem testing, validation and verification, and implementation and integration of complex systems. Performs system design, coding, integration, testing, deploying, repair and maintenance of systems across platforms and enterprise wide for the complete life-cycle of the system. Extensive experience in system engineering for electronic/electrical/mechanical/hydraulic systems and facilities, computer and network systems, systems architecture and design; system security; cryptographic protocol development; model and architectures; programming; certification and accreditation services; IV&amp;V and penetration testing; vulnerability assessments; network programming; authentication and key establishment; user interface programming; firewalls; public key infrastructure domains; malicious code analysis; and reverse engineering; and information warfare prevention and response services.</p> <p><b>Education/Experience Requirements:</b><br/>MA/MS Degree and 8 years experience</p>   |
| <b>Senior Engineer</b>         | <p>Leads a team of engineers and technical staff in performing a variety of broad engineering tasks involving design and implementation, including personnel, hardware, software, systems, civil, electrical/electronics, mechanical, chemical, biological, environmental, and support for systems, facilities and equipment. Performs requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, design studies and analysis, high level detailed specification preparation, configuration management and document control, fabrication, assembly and simulation, modeling, testing of a prototype and first article(s) testing, environmental testing, independent verification and validation, reverse engineering, system safety, ergonomic/human performance analysis, feasibility analysis, logistics planning, requirements determination, policy standards/procedures development, long-term reliability and maintainability, and quality assurance. Plans and performs engineering research, design development and other assignments in conformance with design, engineering and customer specifications.</p> <p><b>Education/Experience Requirements:</b><br/>MS/MA Degree and 8 years experience</p> |

**Substitution/Equivalency:**

General Educational Development (GED) certificate or vocational degree = high school diploma

Associate of Arts or Sciences (AA/AS) = two years general experience

Bachelor of Arts or Sciences (BA/BS) = six years general experience

Master of Arts or Sciences (MA/MS) = four years general experience

Ph.D. = three years general experience

Example: BA/BS + four years general experience = MA/MS degree