

# SPACEWORKS

GENERAL SERVICES ADMINISTRATION  
FEDERAL SUPPLY SERVICE

## AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

**MSA PES: GS-10F-0021Y**

SPACEWORKS ENTERPRISES, INC (DBA SPACEWORKS)  
1040 CROWN POINTE PARKWAY, SUITE 950  
ATLANTA, GA 30338-4741  
Phone: 1+770-379-8002 Fax: 1+770-379-8001  
E-mail: john.olds@sei.aero

### ENGINEERING TODAY ENABLING TOMORROW

SpaceWorks Enterprises, Inc. (SEI) is an aerospace engineering concept design and systems analysis firm focusing on next-generation space transportation systems, future technologies, human and robotic exploration of space, and emerging space markets and applications. SEI's advanced concept design and development work helps our customers envision the impact of future technologies, understand the feasibility of proposed space missions, and make strategic decisions regarding future markets.



[www.sei.aero](http://www.sei.aero)



**GENERAL SERVICES ADMINISTRATION**

**FEDERAL SUPPLY SERVICE**

**AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST**

**Professional Engineering Services (PES)**

**Contract number: GS-10F-0021Y**

**SPACEWORKS ENTERPRISES, INC (DBA SPACEWORKS)**

**1040 CROWN POINTE PARKWAY, SUITE 950**

**ATLANTA, GA 30338-4741**

**Phone: 770-379-8002 Fax: 770-379-8001**

**E-mail: [john.olds@sei.aero](mailto:john.olds@sei.aero)**

**DUNS: 847164915**

**CAGE/NCAGE: 1RJL8**

**Contract period: October 17, 2011 to October 16, 2016**

**Contractor's internet address/web site for schedule information: [www.sei.aero](http://www.sei.aero)**

**Business size: Small**

**Standard Industry Group: 871**

**Service Code: R425**

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 for GSA Advantage! is: <http://www.gsaadvantage.gov/>.

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

**Last Update: November 7, 2011**

## **ABOUT SPACEWORKS ENTERPRISES, INC. (SEI)**

SpaceWorks Enterprises, Inc. (SEI or SpaceWorks) is an aerospace engineering concept design and systems analysis firm focusing on next-generation space transportation systems, future technologies, human and robotic exploration of space, and emerging space markets and applications. SEI's advanced concept design and development work helps our customers envision the impact of future technologies, understand the feasibility of proposed space missions, and make strategic decisions regarding future markets.

SpaceWorks' experienced team uses the latest multidisciplinary design techniques to combine a range of technical and economic assessments into an integrated capability. In-house capabilities include launch vehicle and missile performance assessment, aerodynamic analysis, rocket and airbreathing propulsion systems analysis, mission design, cost assessment, reliability and safety analysis, reusable launch vehicle operations simulation, business case assessment, artwork, and custom computer animation and renders. Design work can be performed probabilistically or deterministically, depending on customer needs and requirements.

SpaceWorks' customers include NASA, the U.S. Air Force, the U.S. Navy, DARPA, traditional aerospace primes and emerging space entrepreneurs and their companies. Since our founding in 2000, SEI has served a variety of customers on space projects and contracts ranging from large to small, and from long to short duration. Our capabilities include single-discipline support for a client's design team to complete end-to-end space concept analysis that includes performance, weight estimates, cost, and technology sensitivities.

SEI engineers are also engaged in advanced research and outreach activities on topics that resonate with the world community. Our internal research projects include mission studies of concepts that might be used to deflect potentially dangerous asteroids, applications of space-based solar power for strategic energy independence, and promotion of market-driven space development activities such as space tourism and space resource utilization.

### Company Organization

SEI was originally founded as an engineering design services company with emphasis on aerospace engineering disciplines and engineering economic analysis. As our business has grown and expanded, we have reorganized to best meet the changing needs of our customers and the market.

SEI currently operates three divisions. SpaceWorks Engineering serves our traditional aerospace customers in government and commercial industry. Our Engineering Division is further organized into the Advanced Concepts Group (ACG), the Engineering Economics Group (EEG), and the Space Media Group (SMG).

In 2008, SEI added two new divisions. SpaceWorks Commercial seeks to create value-added partnerships with the emerging entrepreneurial space community as well as international space industry leaders. Key goals of this division include advancing innovative solutions to challenges in space development, space-based energy, and high-speed flight. SpaceWorks Commercial also participates in popular space prizes.

Another division, SpaceWorks Software, serves as SEI's software sales organization. This division supplies specialty aerospace and systems engineering software products to government, industry, and educational customers in multiple technical disciplines such as propulsion, trajectory analysis, thermal protection systems, cost, and disciplinary integration.

SEI is a privately held S-corporation based in Atlanta, GA. SEI is also a corporate partner in the Georgia Space Grant Consortium.

**1A. TABLE OF AWARDED SPECIAL ITEM NUMBER(S) WITH APPROPRIATE CROSS-REFERENCE TO ITEM DESCRIPTIONS AND AWARDED PRICE(S)**

Special Item Numbers (SINs) and Professional Engineering Disciplines (PEDs)

871-1/871-1RC --- Strategic Planning for Technology Programs/Activities

871-2/871-2RC --- Concept Development and Requirements Analysis

871-3/871-3RC --- System Design, Engineering and Integration

**LABOR CATEGORY PRICING**

<b>SERVICE</b>	<b>GSA PRICE</b>
<b>Principal Engineer II</b>	\$191.52
<b>Principal Engineer I</b>	\$150.77
<b>Senior Engineer III</b>	\$144.85
<b>Senior Engineer II</b>	\$132.00
<b>Senior Engineer I</b>	\$105.90
<b>Engineer II</b>	\$95.47
<b>Engineer I</b>	\$81.69
<b>Technical Illustrator II</b>	\$76.21
<b>Technical Illustrator I</b>	\$57.10

Prices Valid through December 31, 2011

**1B. NOT APPLICABLE.**

## 1C. LABOR CATEGORY DESCRIPTIONS

### PRINCIPAL ENGINEER

#### GENERAL SUMMARY

Forms main senior management body of the company (C-level and Division President-level functions). Directs the performance of a variety of related projects which may be organized by technology, program or client. Oversees the technology development and/or application, marketing, and resource allocation within program client base. Makes strategic decisions with respect to corporate investment, business opportunities, and application of resources.

#### PRINCIPAL DUTIES AND RESPONSIBILITIES

1. Responsible for the effective management of funds and personnel, and is accountable for the quality and timely delivery of all contractual items.
2. Operates within client guidance, contractual limitations, and Company business and policy directives. Serves as focal point of contact with client regarding program activities.
3. Ensures that all required resources including manpower, production standards, computer time, and facilities are available for program implementation.
4. Manages program consisting of multiple projects including project identification, design, development and delivery.
5. Maintains the development and execution of business opportunities based on broad, general guidance. Responsible for marketing new technology and follow-on business acquisitions.
6. Confers with project managers to provide technical advice and to assist with problem resolution.
7. May perform other duties as assigned.

#### JOB SPECIFICATIONS \*

Principal Engineer I - Bachelor's Degree and 10 yrs of general experience in corporate investment, business opportunities, and application of resources, as well as, management responsibility.

Principal Engineer II - Ph.D. and 20 yrs of general experience in corporate investment, business opportunities, and application of resources, as well as, management responsibility.

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*\*If MS degree is highest earned, add 2 years of relevant experience.*

*If two of more MS degrees are highest earned, add 3 total years of relevant experience.*

*If Ph.D. degree is highest earned, add 5 years of relevant experience.*

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## SENIOR ENGINEER

### GENERAL SUMMARY

Performs a variety of engineering tasks, either independently or under supervision, which are both broad in nature and are concerned with the design and implementation, including personnel, hardware, software and support facilities and/or equipment. Supervises team of Engineers and/or Jr. Engineers through project completion. Provides technical leadership of project-level activities within the company.

### PRINCIPAL DUTIES AND RESPONSIBILITIES

1. Plans and performs engineering research, design development, and other assignments in conformance with design, engineering and customer specifications.
2. Supervises team of Engineers or Jr. Engineers through project completion.
3. Responsible for major technical/engineering projects of higher complexity and importance than those normally assigned to lower level engineers.
4. Coordinates the activities of Engineers and Jr. Engineers assigned to specific engineering projects.
5. May perform other duties as assigned.

### JOB SPECIFICATIONS \*

Sr. Engineer I - Bachelor's Degree and 5 yrs of general experience in engineering research and design development.

Sr. Engineer II - Bachelor's Degree and 10 yrs of general experience in engineering research and design development.

Sr. Engineer III - Bachelor's Degree and 15 yrs of general experience in engineering research and design development.

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*\*If MS degree is highest earned, add 2 years of relevant experience.*

*If two of more MS degrees are highest earned, add 3 total years of relevant experience.*

*If Ph.D. degree is highest earned, add 5 years of relevant experience.*

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## ENGINEER

### GENERAL SUMMARY

Under supervision performs a variety of engineering tasks which are broad in nature and are concerned with the design and implementation, including personnel, hardware, software and support facilities and/or equipment. Performs with some latitude for unreviewed actions and decisions.

### PRINCIPAL DUTIES AND RESPONSIBILITIES

1. Plans and performs engineering research, design development, and other assignments in conformance with design, engineering and customer specifications.
2. Responsible for the technical/engineering part of a major project or a project of lesser complexity and importance than those normally assigned to a higher-level engineer.
3. Coordinates the activities of Jr. Engineers assigned to specific engineering projects.
4. May perform other duties as assigned.

### JOB SPECIFICATIONS \*

Engineer I - Bachelor's Degree and 6 months of general experience in engineering research and design development.

Engineer II - Bachelor's Degree and 2 yrs of general experience in engineering research and design development.

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*If Ph.D. degree is highest earned, add 5 years of relevant experience.*

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## TECHNICAL ILLUSTRATOR

### GENERAL SUMMARY

Assists in developing business graphics, concept illustration, artwork, multimedia presentations, animations, CAD modeling, and computer renders of engineering concepts and details. Works in support of a project team to help convey complex ideas and technical details.

### PRINCIPAL DUTIES AND RESPONSIBILITIES

1. Produces technical illustrations including drawings, animations, CAD images, and 3-D models.
2. Produces business graphics such as presentation materials, logos, flow diagrams, and website graphics and content.
3. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents.
4. May perform other duties as required.

### JOB SPECIFICATIONS

Tech Illustrator I - BA Degree in a relevant field and 0 yrs of general experience in producing technical illustrations including drawings, animations, CAD images, and 3-D models.

Tech Illustrator II - BA Degree a relevant field and 2 yrs of general experience in producing technical illustrations including drawings, animations, CAD images, and 3-D models.

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*\*If MS degree is highest earned, add 2 years of relevant experience.*

*If two of more MS degrees are highest earned, add 3 total years of relevant experience.*

*If Ph.D. degree is highest earned, add 5 years of relevant experience.*

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## 1D. ADDITIONAL CONTRACT TERMS

2. Maximum order. \$1 million
3. Minimum order. \$100.00
4. Geographic coverage (delivery area). Fifty United States, District of Columbia, Puerto Rico
5. Point(s) of production (city, county, and State or foreign country). Not applicable
6. Discount from list prices or statement of net price. Net prices set forth above
7. Quantity discounts. None.
8. Prompt payment terms. None.
- 9a. Government purchase cards are accepted at or below the micro-purchase threshold.
- 9b. Government purchase cards are accepted above the micro-purchase threshold.
10. Foreign items (list items by country of origin). None.
- 11a. Time of delivery. As negotiated with ordering activity.
- 11b. Expedited Delivery. Contact the contractor.
- 11c. Overnight and 2-day delivery. Contact the contractor.
- 11d. Urgent Requirements. The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery.
12. F.O.B. point(s). Destination
- 13a. Ordering address.

1040 CROWN POINTE PARKWAY, SUITE 950  
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- 13b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.
14. Payment address.

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15. Warranty provision. None.
16. Export packing charges, if applicable. Not applicable.
17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level). None.
18. Terms and conditions of rental, maintenance, and repair (if applicable). Not applicable.
19. Terms and conditions of installation (if applicable). Not applicable.
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable). Not applicable.
- 20a. Terms and conditions for any other services (if applicable). Not applicable.
21. List of service and distribution points (if applicable). Not applicable.
22. List of participating dealers (if applicable). Not applicable.
23. Preventive maintenance (if applicable). Not applicable.
- 24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants). Not applicable.
- 24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: [www.Section508.gov/](http://www.Section508.gov/). Not applicable.
25. Data Universal Number System (DUNS) number. 847164915
26. Contractor is registered Central Contractor Registration (CCR) database.