

# **GENERAL SERVICES ADMINISTRATION**

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

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through **GSA Advantage!**<sup>TM</sup>, a menu-driven database system. The INTERNET address for **GSA Advantage!**<sup>TM</sup> is: <http://www.GSAAdvantage.gov>.

### **Schedule for - Professional Engineering Services (PES)**

**Federal Supply Group: 871      Class: R425**

**Contract Number: GS-10F-0313Y**

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

**Contract Period: May 18, 2012 to May 17, 2017**

**Contractor:** Atmospheric and Environmental Research, Inc.  
131 Hartwell Avenue  
Lexington, MA 02421 3126

**Business Size:** Large Business

**Telephone:** (781) 761-2288

**Extension:** x 271

**FAX Number:** (781) 761-2299

**Web Site:** [www.aer.com](http://www.aer.com)

**E-mail:** [dcazeca@aer.com](mailto:dcazeca@aer.com)

**Contract Administration:** Dianne Cazeca

## **CUSTOMER INFORMATION:**

- 1a. **Table of Awarded Special Item Number(s) with appropriate cross-reference to page numbers:** 871-1/page 8, 871-2/page 8, 871-3/page 9, 871-4/page 9, 871-6/page 10
- 1b. **Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply.**
- 1c. **If the Contractor is proposing hourly rates a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item.**
2. **Maximum Order:** \$1,000,000.00

## **(CUSTOMER INFORMATION: Continued)**

3. **Minimum Order:** \$100.00
4. **Geographic Coverage (delivery Area):** Domestic only
5. **Point(s) of production (city, county, and state or foreign country):** Same as company address
6. **Discount from list prices or statement of net price:** Government net prices (discounts already deducted). See Tables I & II.
7. **Quantity discounts:** None Offered
8. **Prompt payment terms:** Net 30 days
- 9a. **Notification that Government purchase cards are accepted up to the micro-purchase threshold:** Yes
- 9b. **Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold:** No
10. **Foreign items (list items by country of origin):** None
- 11a. **Time of Delivery (Contractor insert number of days):** Specified on the Task Order
- 11b. **Expedited Delivery.** The Contractor will insert the sentence “Items available for expedited delivery are noted in this price list.” under this heading. The Contractor may use a symbol of its choosing to highlight items in its price list that have expedited delivery: Contact Contractor
- 11c. **Overnight and 2-day delivery.** The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery: Contact 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: Contact Contractor
12. **F.O.B Points(s):** Destination
- 13a. **Ordering Address(es):** Same as Contractor
- 13b. **Ordering procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA’s), and a sample BPA can be found at the GSA/FSS Schedule homepage ([fss.gsa.gov/schedules](http://fss.gsa.gov/schedules)).
14. **Payment address(es):** Same as company address
15. **Warranty provision.:** Contractor’s standard commercial warranty.
16. **Export Packing Charges (if applicable):** N/A
17. **Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):** Contact Contractor
18. **Terms and conditions of rental, maintenance, and repair (if applicable):** N/A

## (CUSTOMER INFORMATION: Continued)

19. Terms and conditions of installation (if applicable): N/A
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): N/A
- 20a. Terms and conditions for any other services (if applicable): N/A
21. List of service and distribution points (if applicable): N/A
22. List of participating dealers (if applicable): N/A
23. Preventive maintenance (if applicable): N/A
- 24a. Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants: N/A
- 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. contactor's website or other location.) The EIT standards can be found at: [www.Section508.gov/](http://www.Section508.gov/).
25. Data Universal Numbering System (DUNS) number: 09-1493569
26. Notification regarding registration in Central Contractor Registration (CCR) database: Registered

Table I

Labor Category	EDU	EXP	Offered Hourly Price*
Chief Engineer	Bachelor's	17	\$216.78
Principal Engineer	Bachelor's	15	\$182.89
Principal Scientist	Bachelor's	15	\$182.89
Sr. Program Manager	Bachelor's	15	\$182.89
Group Manager	Bachelor's	10	\$159.33
Sr. Engineer II	Bachelor's	13	\$159.33
Sr. Scientist II	Bachelor's	13	\$159.33
Sr. Engineer I	Bachelor's	11	\$147.08
Sr. Scientist I	Bachelor's	11	\$147.08
Engineer III	Bachelor's	9	\$128.81
Scientist II	Bachelor's	9	\$128.81
Engineer II	Bachelor's	7	\$115.25
Scientist I	Bachelor's	7	\$115.25
Engineer I	Bachelor's	5	\$101.80
Sr. Research Associate	Bachelor's	5	\$101.80
Associate Engineer	Bachelor's	2	\$83.28
Research Associate	Bachelor's	2	\$83.28

\*Prices effective through May 17, 2013. See table below for prices through May 17, 2017.

## (CUSTOMER INFORMATION: Continued)

Table II

	18-May-12	18-May-13	18-May-14	18-May-15	18-May-16
<b>Labor Category</b>	17-May-13	17-May-14	17-May-15	17-May-16	17-May-17
<b>Chief Engineer</b>	\$216.78	\$222.85	\$229.09	\$235.51	\$242.10
<b>Principal Engineer</b>	\$182.89	\$188.01	\$193.27	\$198.68	\$204.25
<b>Principal Scientist</b>	\$182.89	\$188.01	\$193.27	\$198.68	\$204.25
<b>Sr. Program Manager</b>	\$182.89	\$188.01	\$193.27	\$198.68	\$204.25
<b>Group Manager</b>	\$159.33	\$163.79	\$168.38	\$173.09	\$177.94
<b>Sr. Engineer II</b>	\$159.33	\$163.79	\$168.38	\$173.09	\$177.94
<b>Sr. Scientist II</b>	\$159.33	\$163.79	\$168.38	\$173.09	\$177.94
<b>Sr. Engineer I</b>	\$147.08	\$151.19	\$155.43	\$159.78	\$164.25
<b>Sr. Scientist I</b>	\$147.08	\$151.19	\$155.43	\$159.78	\$164.25
<b>Engineer III</b>	\$128.81	\$132.42	\$136.12	\$139.94	\$143.85
<b>Scientist II</b>	\$128.81	\$132.42	\$136.12	\$139.94	\$143.85
<b>Engineer II</b>	\$115.25	\$118.48	\$121.80	\$125.21	\$128.71
<b>Scientist I</b>	\$115.25	\$118.48	\$121.80	\$125.21	\$128.71
<b>Engineer I</b>	\$101.80	\$104.65	\$107.58	\$110.59	\$113.68
<b>Sr. Research Associate</b>	\$101.80	\$104.65	\$107.58	\$110.59	\$113.68
<b>Associate Engineer</b>	\$83.28	\$85.61	\$88.01	\$90.48	\$93.01
<b>Research Associate</b>	\$83.28	\$85.61	\$88.01	\$90.48	\$93.01

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

## (CUSTOMER INFORMATION: Continued)

**Table III**

<b>Track Level</b>	<b>Minimum Qualifications*</b>	<b>Job Title</b>	<b>Job Summaries**</b>
<b>9</b>	Ph.D Degree plus 12 years experience or M.S. Degree plus 14 years experience or B.S. Degree plus 17 years experience and demonstrated superior technical skills.	<b>Chief Engineer</b>	<ul style="list-style-type: none"> <li>• provides significant, broad-based engineering leadership within AER</li> <li>• actively participates in the strategic planning of AER</li> <li>• recognized by peers and clients for technical expertise</li> <li>• maintains leadership position within professional societies</li> <li>• maintains active, positive and productive relationships with clients and collaborators</li> <li>• leads and/or oversees multi-faceted proposal/product efforts</li> <li>• leads in recruitment of engineers</li> </ul>
<b>8</b>	Ph.D Degree plus 10 years experience or M.S. Degree plus 12 years experience or B.S. Degree plus 15 years experience and demonstrated superior technical skills.	<b>Principal Engineer</b>	<ul style="list-style-type: none"> <li>• provides significant engineering leadership within AER</li> <li>• recognized by peers and clients for technical expertise</li> <li>• maintains active, positive and productive relationships with clients and collaborators</li> <li>• leads and/or oversees major proposal/product efforts</li> <li>• leads in recruitment of engineers</li> </ul>
<b>8</b>	Ph.D Degree plus 10 years experience or M.S. Degree plus 12 years experience or B.S. Degree plus 15 years experience and demonstrated superior technical skills.	<b>Principal Scientist</b>	<ul style="list-style-type: none"> <li>• provides significant scientific leadership within AER</li> <li>• recognized by peers and clients for scientific expertise</li> <li>• maintains active, positive and productive relationships with clients and collaborators</li> <li>• top-rate publication record</li> <li>• leads and/or oversees major proposal/product efforts</li> <li>• leads in recruitment of scientists</li> </ul>
<b>8</b>	Ph.D Degree plus 10 years experience or M.S. Degree plus 12 years experience or B.S. Degree plus 15 years experience and/or demonstrated superior technical and management skills.	<b>Sr. Program Manager</b>	<ul style="list-style-type: none"> <li>• provides significant leadership that applies to contract management</li> <li>• leads and directs a group of program/project personnel</li> <li>• leads and/or participates in major proposal/product efforts</li> <li>• maintains positive and active, productive relationships with clients and collaborators</li> </ul>
<b>7</b>	Ph.D Degree plus 5 years experience or M.S. Degree plus 7 years experience or B.S. Degree plus 10 years experience and/or demonstrated superior technical and management skills.	<b>Group Manager</b>	<ul style="list-style-type: none"> <li>• provides leadership for assigned sections/tasks of various contracts</li> <li>• helps to lead and direct a group of program/project personnel</li> <li>• helps to lead and/or participate in proposal/product efforts</li> <li>• maintains positive and active, productive relationships with clients and collaborators</li> </ul>
<b>7</b>	Ph.D Degree plus 8 years experience or M.S. Degree plus 10 years experience or B.S. Degree plus 13 years experience and demonstrated strong technical skills.	<b>Sr. Engineer II</b>	<ul style="list-style-type: none"> <li>• has significant competence in his/her discipline</li> <li>• makes important contributions to the accomplishment of technical projects</li> <li>• demonstrates success and proficiency in proposal/product efforts</li> <li>• leads and/or participates in major proposal/product efforts</li> <li>• maintains active, positive and productive relationships with clients and collaborators</li> <li>• may supervise other technical and support staff or small teams of staff</li> </ul>
<b>7</b>	Ph.D Degree plus 8 years experience or M.S. Degree plus 10 years experience or B.S. Degree plus 13 years experience and demonstrated strong technical skills.	<b>Sr. Scientist II</b>	<ul style="list-style-type: none"> <li>• has significant competence in his/her discipline</li> <li>• makes important contributions to the accomplishment of research projects</li> <li>• demonstrates success and proficiency in proposal/product efforts</li> <li>• leads and/or participates in major proposal/product efforts</li> <li>• maintains active, positive and productive relationships with clients and collaborators</li> <li>• presents, publishes, or co-authors technical papers consistently and regularly</li> <li>• may supervise other scientific, technical and support staff or small teams of staff</li> </ul>

## (CUSTOMER INFORMATION: Continued)

Track Level	Minimum Qualifications*	Job Title	Job Summaries**
6	Ph.D Degree plus 6 years experience or M.S. Degree plus 8 years experience or B.S. Degree plus 11 years experience and demonstrated strong technical skills.	<b>Sr. Engineer I</b>	<ul style="list-style-type: none"> <li>• has significant competence in his/her discipline</li> <li>• effective and productive team member in projects</li> <li>• leads and/or participates in proposal/product efforts</li> <li>• able to perform independent work</li> <li>• maintains active, positive and productive relationships with clients and collaborators</li> <li>• may supervise other technical and support staff</li> </ul>
6	Ph.D Degree plus 6 years experience or M.S. Degree plus 8 years experience or B.S. Degree plus 11 years experience and demonstrated strong technical skills.	<b>Sr. Scientist I</b>	<ul style="list-style-type: none"> <li>• has significant competence in his/her discipline</li> <li>• effective and productive team member in projects</li> <li>• leads and/or participates in proposal/product efforts</li> <li>• able to perform independent research</li> <li>• maintains active, positive and productive relationships with clients and collaborators</li> <li>• presents, publishes, or co-authors technical papers consistently and regularly</li> <li>• may supervise other scientific, technical and support staff</li> </ul>
5	Ph.D Degree plus 4 years experience or M.S. Degree plus 6 years experience or B.S. Degree plus 9 years experience and strong technical skills.	<b>Engineer III</b>	<ul style="list-style-type: none"> <li>• has achieved a level of knowledge and successful work experience to contribute to complicated projects or programs</li> <li>• demonstrates proficiency in writing and verbal presentation skills</li> <li>• demonstrates proficiency in the mastery of computer software and hardware common to his/her discipline</li> <li>• provides suggestions for promoting new projects and solicits opportunities to contribute to proposals</li> <li>• assists in the preparation, presentation and follow-up of technical proposals</li> <li>• establishes and maintains professional society contacts</li> <li>• may maintain active, positive and productive relationships with clients and collaborators</li> <li>• may supervise other technical and support staff in certain project tasks</li> </ul>
5	Ph.D Degree plus 4 years experience or M.S. Degree plus 6 years experience or B.S. Degree plus 9 years experience and strong technical skills.	<b>Scientist II</b>	<ul style="list-style-type: none"> <li>• has achieved a level of knowledge and successful work experience to conduct objective, competent research</li> <li>• demonstrates proficiency in writing and verbal presentation skills</li> <li>• demonstrates proficiency in the mastery of computer software and hardware common to his/her discipline</li> <li>• provides suggestions for promoting new projects and solicits opportunities to contribute to proposals</li> <li>• assists in the preparation, presentation and follow-up of research proposals</li> <li>• establishes and maintains professional society contacts</li> <li>• may maintain active, positive and productive relationships with clients and collaborators</li> <li>• presents, publishes, or co-authors technical papers</li> <li>• may supervise other technical and support staff in certain project tasks</li> </ul>
4	Ph.D Degree plus 2 year experience or M.S. Degree plus 4 year experience or B.S. Degree plus 7 years experience and good technical skills.	<b>Engineer II</b>	<ul style="list-style-type: none"> <li>• has achieved a level of knowledge and successful work experience to contribute to several projects or programs</li> <li>• demonstrates proficiency in writing and verbal presentation skills</li> <li>• demonstrates proficiency in the mastery of computer software and hardware common to his/her discipline</li> <li>• provides suggestions for promoting new projects and solicits opportunities to contribute to proposals</li> <li>• assists in the preparation, presentation and follow-up of technical proposals</li> <li>• establishes and maintains professional society contacts</li> <li>• may supervise other technical and support staff in certain project tasks</li> </ul>

## (CUSTOMER INFORMATION: Continued)

Track Level	Minimum Qualifications*	Job Title	Job Summaries**
4	Ph.D Degree plus 2 years experience or M.S. Degree plus 4 years experience or B.S. Degree plus 7 years experience and good technical skills.	<b>Scientist I</b>	<ul style="list-style-type: none"> <li>• performs scientific research assigned by more experienced researchers, normally as part of a project team</li> <li>• prepares written reports</li> <li>• assists in the preparation and presentation of research proposals</li> <li>• demonstrates proficiency in writing and verbal presentation skills</li> <li>• proficiency in the computer software and hardware common to the technical field or specialization</li> <li>• may present, publish, or co-author technical paper</li> <li>• contributes ideas to projects</li> </ul>
3	Ph.D Degree plus 0 years experience or M.S. Degree plus 2 years experience or B.S. Degree plus 5 years experience and good technical skills.	<b>Engineer I</b>	<ul style="list-style-type: none"> <li>• performs technical duties assigned by more experienced staff, normally as part of a project team</li> <li>• prepares written reports</li> <li>• assists in the preparation and presentation of technical proposals</li> <li>• proficiency in the computer software and hardware common to the technical field or specialization</li> <li>• contributes ideas to projects</li> </ul>
3	Ph.D Degree plus 0 years experience or M.S. Degree plus 2 years experience or B.S. Degree plus 5 years experience and good technical skills.	<b>Sr. Research Associate</b>	<ul style="list-style-type: none"> <li>• may participate in scientific research assigned by more experienced researchers, normally as part of a project team</li> <li>• analyzes and evaluates collected data</li> <li>• prepares technical reports and presents data</li> <li>• may design, modify, develop, and implement scientific programming applications for complex or specialized operations</li> <li>• may write code and complete programming, testing and debugging of complex applications</li> <li>• provides documentation on new and existing programs</li> </ul>
2	M.S. Degree plus 0 years experience or B.S. Degree plus 2 years experience and good technical skills.	<b>Associate Engineer</b>	<ul style="list-style-type: none"> <li>• performs technical duties assigned by more experienced staff, normally as part of a project team</li> <li>• prepares written reports</li> <li>• proficiency in the computer software and hardware common to the technical field or specialization</li> <li>• contributes ideas to projects</li> </ul>
2	M.S. Degree plus 0 years experience or B.S. Degree plus 2 years experience and good technical skills.	<b>Research Associate</b>	<ul style="list-style-type: none"> <li>• may participate in scientific research within field of expertise</li> <li>• utilizes established mathematical and scientific techniques to compile and analyze data</li> <li>• prepares technical reports or presents data</li> <li>• discusses research with other personnel to evaluate validity of findings</li> <li>• may design, modify, develop, and implement scientific programming applications</li> <li>• may write code and complete programming, testing and debugging of applications</li> <li>• provides input for documentation on new and existing programs</li> </ul>

# **(CUSTOMER INFORMATION: Continued)**

## **Special Item Number (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, 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.

#### **NAICS**

<b>Number</b>	<b>Description</b>	<b>Business Size</b>
541330	Engineering Services	\$4.5 million
541712	Research and Development in the Physical, Engineering and Life Sciences (except Biotechnology)	500 employees

### **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 of 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/system conceptual designs, training, and consulting.

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

#### **NAICS**

<b>Number</b>	<b>Description</b>	<b>Business Size</b>
541330	Engineering Services	\$4.5 million
541712	Research and Development in the Physical, Engineering and Life Sciences (except Biotechnology)	500 employees

## **(CUSTOMER INFORMATION: Continued)**

### **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, and consulting.

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

#### **NAICS**

<b>Number</b>	<b>Description</b>	<b>Business Size</b>
541330	Engineering Services	\$4.5 million
541712	Research and Development in the Physical, Engineering and Life Sciences (except Biotechnology)	500 employees

### **871-4 --- Test and Evaluation**

Services required under this SIN involve the application of various techniques demonstrating that a 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, quality assurance, physical testing of the product system, training, and consulting.

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

#### **NAICS**

<b>Number</b>	<b>Description</b>	<b>Business Size</b>
541330	Engineering Services	\$4.5 million
541712	Research and Development in the Physical, Engineering and Life Sciences (except Biotechnology)	500 employees

# **(CUSTOMER INFORMATION: Continued)**

## **871-6 --- Acquisition and Life Cycle Management**

Services required under this SIN involve all of the planning, budget, 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 and consulting.

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

### **NAICS**

<b>Number</b>	<b>Description</b>	<b>Business Size</b>
541330	Engineering Services	\$4.5 million
541712	Research and Development in the Physical, Engineering and Life Sciences (except Biotechnology)	500 employees