



GENERAL SERVICES ADMINISTRATION

Federal Supply 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!**[™], a menu-driven database system. The INTERNET address for **GSA Advantage!**[™] is: <http://www.GSAAdvantage.gov>.

Multiple Award Schedule (MAS)

Contract Number: 47QRAA19D00A9

Mod PS-A812

Effective Date: February 18, 2020

Contract Period: July 16, 2019 – July 15, 2024

Business Size: Small

Federal Supply Group: 00CORP

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

Quantum Research International, Inc.

991 Discovery Drive

Huntsville, AL 35806 2811

<http://www.quantum-intl.com>

Contract Administrator: Cynthia Pack

(256) 971-1800, ext. 145

(256) 971-1802 (fax)

E-mail: cpack@quantum-intl.com

1. CUSTOMER INFORMATION:

1a. Awarded Special Item Numbers (SINs)

SIN	SIN Description
541330ENG	Engineering Services
541380	Testing Laboratory Services
541420	Engineering System Design and Integration Services
541611	Management and Financial Consulting, Acquisition and Grants, Management Support, and Business Program and Project Management Services
541715	Engineering Research and Development and Strategic Planning
OLM	Order Level Materials

1b. The pricing for the awarded labor categories can be found in Section II

1c. The labor rate descriptions can be found in Section III.

2. Maximum Order: \$1,000,000.00

3. Minimum Order: \$100.00

4. Geographic Coverage (delivery Area): Domestic and Overseas

5. Point(s) of production: Same as company address

6. Discount from list prices or statement of net price: Prices shown are Government net prices (discounts already deducted).

7. Quantity Discounts:

- 1% for orders over the SAT;
- 2% for task orders between \$250,000.00 and \$500,000.00; and
- 3% for task orders over \$500,000.00.

8. Prompt Payment Terms: Net 30 days

Note: Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

9a. Government purchase cards are accepted up to the micro-purchase threshold.

9b. Government purchase cards are accepted above the micro-purchase threshold.

10. Foreign Items: None

11a. Time of Delivery: Specified on the Task Order

11b. Expedited Delivery: Contact Contractor

11c. Overnight and 2-day delivery: Contact Contractor

11d. Urgent Requirements: Contact Contractor

12. F.O.B Points(s): Destination

13a. Ordering Address:

Quantum Research International Inc.
Attn. Contracts Manager
991 Discovery Drive
Huntsville, AL 35806

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

14. Payment Address: Same as ordering address

15. Warranty Provision: Contractor's standard commercial warranty.

16. Export Packing Charges: Not applicable

17. Terms and Conditions of Government Purchase Card: Contact Contractor

18. Terms and Conditions of Rental, Maintenance, and Repair: Not applicable

19. Terms and Conditions of Installation: Not applicable

20. Terms and Conditions of Repair: Not applicable

21. List of Service and Distribution Points: Not applicable

22. List of Participating Dealers: Not applicable

23. Preventive Maintenance: Not applicable

24a. Special Attributes: Not applicable

24b. Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found. The EIT standards can be found at: www.Section508.gov/.

25. Data Universal Numbering System (DUNS) number: 361954324

26. Registration in System for Award Management (SAM) database: Registered

27. Service Contract Labor Standards (SCLS) Matrix

SCA Eligible Labor Category	SCA Equivalent Code Title	Wage Determination No.
Technical Editor	30462 - Technical Writer II	2015-4603
Technical Typist	01612 - Word Processor II	2015-4603
Graphics Specialist	13042 - Illustrator II	2015-4603

The Service Contract Labor Standards (SCLS) are applicable to this contract and it includes SCLS applicable labor categories. The prices for the indicated (**) SCLS labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS matrix. The prices awarded are in line with the geographic scope of the contract (i.e. nationwide).

II. AWARDED LABOR RATES

The rates shown below include the Industrial Funding Fee (IFF) of 0.75%

Item	SIN	Awarded Labor Category	Site	Year 1	Year 2	Year 3	Year 4	Year 5
1	541330ENG54 1380 541420 541611 541715	Program Manager	Contractor	\$245.90	\$250.57	\$255.33	\$260.18	\$265.13
2	541330ENG54 1380 541420 541611 541715	Task Leader	Contractor	\$186.75	\$190.30	\$193.91	\$197.60	\$201.35
3	541330ENG54 1380 541420 541611 541715	Principal Systems Engineer	Contractor	\$176.99	\$180.35	\$183.78	\$187.27	\$190.83
4	541330ENG54 1380 541420 541611 541715	Principal Systems Analyst	Contractor	\$152.75	\$155.65	\$158.61	\$161.62	\$164.69
5	541330ENG54 1380 541420 541611 541715	Senior Systems Engineer	Contractor	\$147.49	\$150.29	\$153.15	\$156.06	\$159.02
6	541330ENG54 1380 541420 541611 541715	Senior Systems Analyst	Contractor	\$143.26	\$145.98	\$148.76	\$151.58	\$154.46
7	541330ENG54 1380 541420 541611 541715	Systems Engineer	Contractor	\$127.47	\$129.89	\$132.36	\$134.87	\$137.44
8	541330ENG54 1380 541420 541611 541715	Systems Analyst	Contractor	\$129.08	\$131.53	\$134.03	\$136.58	\$139.17
9	541330ENG54 1380 541420 541611 541715	Junior Systems Engineer	Contractor	\$81.30	\$82.84	\$84.42	\$86.02	\$87.66

Item	SIN	Awarded Labor Category	Site	Year 1	Year 2	Year 3	Year 4	Year 5
10	541330EN 541380 541420 541611 541715	Junior Systems Analyst	Contractor	\$81.18	\$82.72	\$84.29	\$85.90	\$87.53
11	541330EN 541380 541420 541611 541715	Technical Editor**	Contractor	\$65.66	\$66.91	\$68.18	\$69.47	\$70.79
12	541330EN 541380 541420 541611 541715	Technical Typist**	Contractor	\$58.57	\$59.68	\$60.82	\$61.97	\$63.15
13	541330EN 541380 541420 541611 541715	Graphics Specialist**	Contractor	\$64.61	\$65.84	\$67.09	\$68.36	\$69.66
14	541330EN 541380 541420 541611 541715	Executive Level Subject Matter Expert	Contractor	\$316.03	\$322.03	\$328.15	\$334.39	\$340.74
15	541330EN 541380 541420 541611 541715	Program Manager	Customer	\$184.17	\$187.67	\$191.23	\$194.87	\$198.57
16	541330EN 541380 541420 541611 541715	Task Leader	Customer	\$159.81	\$162.85	\$165.94	\$169.09	\$172.31
17	541330EN 541380 541420 541611 541715	Principal Systems Engineer	Customer	\$162.12	\$165.20	\$168.34	\$171.54	\$174.80
18	541330EN 541380 541420 541611 541715	Principal Systems Analyst	Customer	\$182.06	\$185.52	\$189.04	\$192.64	\$196.30

Item	SIN	Awarded Labor Category	Site	Year 1	Year 2	Year 3	Year 4	Year 5
19	541330EN 541380 541420 541611 541715	Senior Systems Engineer	Customer	\$140.92	\$143.60	\$146.33	\$149.11	\$151.94
20	541330EN 541380 541420 541611 541715	Senior Systems Analyst	Customer	\$121.28	\$123.58	\$125.93	\$128.33	\$130.76
21	541330EN 541380 541420 541611 541715	Systems Engineer	Customer	\$118.70	\$120.96	\$123.25	\$125.60	\$127.98
22	541330EN 541380 541420 541611 541715	Systems Analyst	Customer	\$110.27	\$112.37	\$114.50	\$116.68	\$118.89
23	541330EN 541380 541420 541611 541715	Junior Systems Engineer	Customer	\$73.07	\$74.46	\$75.87	\$77.31	\$78.78
24	541330EN 541380 541420 541611 541715	Junior Systems Analyst	Customer	\$72.96	\$74.35	\$75.76	\$77.20	\$78.67
25	541330EN 541380 541420 541611 541715	Technical Editor**	Customer	\$55.87	\$56.93	\$58.01	\$59.12	\$60.24
26	541330EN 541380 541420 541611 541715	Technical Typist**	Customer	\$50.13	\$51.08	\$52.05	\$53.04	\$54.05

Item	SIN	Awarded Labor Category	Site	16 Jul 19 - 15 Jul 20	16 Jul 20 - 15 Jul 21	16 Jul 21 - 15 Jul 22	16 Jul 22 - 15 Jul 23	16 Jul 23 - 15 Jul 24
27	541330EN 541380 541420 541611 541715	Graphics Specialist**	Customer	\$60.49	\$61.64	\$62.81	\$64.00	\$65.22
28	541330EN 541380 541420 541611 541715	Executive Level Subject Matter Expert	Customer	\$278.53	\$283.82	\$289.21	\$294.71	\$300.31

**SCA Eligible Labor Category

III. LABOR CATEGORY DESCRIPTIONS

Quantum's takes pride in our professional staff, which possesses the "right mix" of technical skills and "real-world" operational experience. Our GSA-approved labor categories are designed with two goals in mind: (1) to provide our customers with high-quality, best-value engineering services, and (2) to provide opportunities for the professional growth and advancement of our staff.

1. PROGRAM MANAGER

Education: B.S. or B.A. Degree.

Experience/Minimum Training Requirements: This position requires a minimum of 12 years of experience in providing professional engineering services and a bachelor's degree in an engineering, computer science, business, or other related scientific or technical discipline.

- With a master's degree in the fields described above, 10 years of experience.
- With a Ph. D. in the fields described above, eight (8) years of experience.
- With 20 years of experience, a degree in the fields described above is not required.

Duties: Serves as project manager for a large, complex task order (TO) or a group of individual task orders (TOs). Demonstrates proven skills in those technical areas addressed by the TOs to be managed. Works with the Government Contracting Officer (CO), the Contracting Officer's Technical Representatives (COTRs), the Ordering Offices representatives, and the individual Task Leaders (TLs) to ensure that all TO-deliverables are met on schedule and within costs. Organizes, directs, and coordinates the planning and production of all contract activities. Horizontally integrates the planning and implementation of multiple task orders when necessary. Demonstrates excellent written and oral communication skills.

2. TASK LEADER

Education: B.S. or B.A. Degree.

Experience/ Minimum Training Requirements: This position requires a minimum of 10 years of experience in providing professional engineering services and a bachelor's degree in an engineering, computer science, business, or other related scientific or technical discipline.

- With a master's degree in the fields described above, eight (8) years of experience.
- With a Ph. D. in the fields described above, six (6) years of experience.
- With 15 years of experience, a degree in the fields described above is not required.

Duties: Performs day-to-day management of assigned task order (TO) projects and acts as lead for all technical matters concerning the task. Demonstrates proven skills in the technical areas addressed by the TO. Provides guidance and direction to personnel assigned to work on the task. Initially prepares the internal task plan defining the subtasks, subtask phasing, inputs, outputs, skill requirements, tools to be used, total manpower, cost and schedule for the task, as well as all briefings and progress/performance reports. For potential problem areas, outlines realistic solutions and preventive measures to be followed. Demonstrates excellent oral and written communication skills.

3. PRINCIPAL SYSTEMS ENGINEER

Education: B.S. or B.A. Degree.

Experience/ Minimum Training Requirements: This position requires a minimum of 10 years of experience in providing professional engineering services and a bachelor's degree in an engineering or other related scientific or technical discipline.

- With a master's degree in the fields described above, eight (8) years of experience.
- With a Ph. D. in the fields described above, six (6) years of experience.

Duties: Establishes performance and technical standards for the tasks. Develops and refines new engineering techniques to enhance quality and productivity. Generates and approves testing specifications for the TO. Must be able to serve as liaison for interpreting and translating the various disciplines represented on the task team and a point of contact for evaluation of problems arising from the interdisciplinary nature of the task.

4. PRINCIPAL SYSTEMS ANALYST

Education: B. S. or B.A. Degree.

Experience/ Minimum Training Requirements: This position requires a minimum of 10 years of experience in providing professional engineering services and a bachelor's degree in computer science, business, or other related discipline. Must include a superior functional knowledge of task order (TO) - specific requirements. Must demonstrate the ability to work independently or when given only general direction.

- With a master's degree in the fields described above, eight (8) years of experience.
- With a Ph. D. in the fields described above, six (6) years of experience.
- With 15 years of experience, a degree in the fields described above is not required.

Duties: Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Provides daily supervision to support staff. Demonstrates excellent oral and written communication skills.

5. SENIOR SYSTEMS ENGINEER

Education: B.S. or B.A. Degree.

Experience/ Minimum Training Requirements: This position requires a minimum of eight (8) years of experience in providing professional engineering services and a bachelor's degree in an engineering or other related scientific or technical discipline. At least four years of experience in the supervision of systems engineers.

- With a master's degree in the fields described above, six (6) years of experience.

Duties: Analyzes user and system requirements. Evaluates problems in workflow, organization, and planning. Develops appropriate corrective actions. Provides daily supervision and direction to the staff.

6. SENIOR SYSTEMS ANALYST

Education: B.S. or B.A. Degree.

Experience/Minimum Training Requirements: This position requires a minimum of eight (8) years of experience in providing professional engineering services and a bachelor's degree in computer science, business or other related discipline. At least four years experience in the supervision of analysts.

- With a masters degree in the fields described above, six (6) years of experience.
- With 12 years of experience, a degree in the fields described above is not required.

Duties: Determines functional and cross-functional relationships. Performs functional allocation to identify the required tasks and their interrelationships. Provides daily supervision and direction to the systems analysts.

7. SYSTEMS ENGINEER

Education: B. S. or B. A. Degree.

Experience/Minimum Training Requirements: This is a mid-level position that requires a minimum of five (5) years experience in systems engineering and a bachelor's degree in engineering or other related scientific or technical discipline. At least two (2) years of experience in analytical problem solving related to work flow, organization, and planning. Must demonstrate the ability to work independently or under general direction.

Duties: Performs complex engineering analysis and design tasks. Prepares specifications and designs, and implements the solutions. May design subsystems. Assists in developing standards. Works as part of a task team.

8. SYSTEMS ANALYST

Education: B. S. or B. A. Degree.

Experience/Minimum Training Requirements: This is a mid-level position that requires a minimum of five (5) years analyzing systems. At least two (2) years of specialized experience in analytical problem solving and developing functional requirements for complex systems. Must demonstrate the ability to work independently or under only general direction.

With eight (8) years of relevant experience, a degree is not required.

Duties: Analyses user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Works as part of a task team.

9. JUNIOR SYSTEMS ENGINEER

Education: B. S. or B. A. Degree.

Experience/Minimum Training Requirements: This is an entry-level position that requires a minimum of one (1) year of experience in systems engineering and a bachelor's degree in engineering or other related scientific or technical discipline.

Duties: Provides basic technical assistance in systems engineering under the supervision of more senior engineers. Works as part of a task team.

10. JUNIOR SYSTEMS ANALYST

Education: B.S. or B.A. Degree.

Experience/Minimum Training Requirements: This is an entry-level position requiring a bachelor's degree in computer science, business, or other related discipline.

With five (5) years of relevant experience, a degree is not required.

Duties: Assists more senior analysts in analyzing user needs to determine functional and cross-functional requirements, in performing functional allocation, and in identifying resources required for the tasks. Works as part of a task team.

11. TECHNICAL EDITOR

Education: Associates degree in English, literature, or other related discipline or the equivalent.

Experience/Minimum Training Requirements: This position requires a minimum of three (3) years experience, of which one year must be specialized which includes the editing of technical documents.

With eight (8) years of relevant experience, a degree is not required.

Duties: Assists in collecting and organizing information for preparation of user manuals, training materials, and reports. Edits functional descriptions, system specifications, and any other customer deliverables and documents. Assists the Project Manager and Task Leaders in performing financial and administrative functions.

12. TECHNICAL TYPIST

Education: High school diploma or equivalent.

Experience/Minimum Training Requirements: Must have two (2) years experience in a technical typing position.

Duties: Must be able to type at least 60 words per minute with than one percent error rate. Must be capable of preparing final-form technical documents. Must be able to use various PC word processing software products (e.g., Word, WordPerfect, and Excel).

13. GRAPHICS SPECIALIST

Education: High school diploma or equivalent.

Experience/Minimum Training Requirements: Must have at least four (4) years of specialized experience in graphics.

Duties: Must be capable of preparing final-form graphics containing no errors. Must be able to use various PC graphics products (e.g., PowerPoint, Claris Draw, Adobe PhotoShop, Microsoft Publisher).

14. EXECUTIVE-LEVEL SUBJECT MATTER EXPERT

Education: B.S. or B.A. Degree.

Experience/Minimum Training Requirements: This position requires a minimum of 26 years of specialized experience in the functional area being studied and at least a bachelor's degree. A master's or doctorate degree is preferred.

With 30 years of specialized experience, a degree is not required.

Duties: Provides technical, managerial, and administrative advice to the Project Manager (PM) concerning the functional area under study. Makes recommendations and advises on organizational-wide system improvements. Demonstrates excellent oral and written communication skills. May work independently or directly for the PM.

Quantum Research International, Inc. Experience and Education Substitution Matrix							
Labor Category	Min Edu	Min Exp	PhD	Masters	Bachelors	Associate	High School
Program Manager	Ph.D.	8		10	12	20	20
Task Leader	Ph.D.	6		8	10	15	15
Principal Systems Engineer	Ph.D.	6		8	10	N/A	N/A
Principal Systems Analyst	Ph.D.	6		8	10	15	15
Senior Systems Engineer	Masters	6			8	N/A	N/A
Senior Systems Analyst	Masters	6			8	12	12
Systems Engineer	Bachelors	5				N/A	N/A
Systems Analyst	Bachelors	5				8	8
Junior Systems Engineer	Bachelors	1				N/A	N/A
Junior Systems Analyst	Bachelors	0				5	5
Technical Editor	Associates	3					8
Technical Typist	HS	2					
Graphics Specialist	HS	4					
Executive-Level Subject Matter Expert	Bachelors	26					30

IV. SPECIAL ITEM NUMBER DESCRIPTIONS

SIN 531330ENG – Engineering Services

541330ENG Services include: applying physical laws and principles of engineering in the design, development, and utilization of machines, materials, instruments, processes, and systems. Services may involve any of the following activities: provision of advice, concept development, requirements analysis, preparation of feasibility studies, preparation of preliminary and final plans and designs, provision of technical services during the construction or installation phase, inspection and evaluation of engineering projects, and related services.

SIN 541380 - Testing Laboratory Services

541380 Includes testing laboratory services, such as physical, chemical, analytical, or other testing services; quality assurance; fire safety inspections; training; safety audits; etc.

SIN 541420 - Engineering System Design and Integration Services

541420 Services include creating and developing designs and specifications that optimize the use, value, and appearance of their products. These services can include determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human characteristics and needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.

SIN 541611 - Management and Financial Consulting, Acquisition and Grants Management Support, and Business Program and Project Management Services

541611 Provide operating advice and assistance on administrative and management issues. Examples include: strategic and organizational planning, business process improvement, acquisition and grants management support, facilitation, surveys, assessment and improvement of financial management systems, financial reporting and analysis, due diligence in validating an agency's portfolio of assets and related support services, strategic financial planning, financial policy formulation and development. special cost studies, actuarial services, economic and regulatory analysis, benchmarking and program metrics, and business program and project management.

SIN 541715 - Engineering Research and Development and Strategic Planning

541715 Services include conducting research and experimental development (except nanotechnology and biotechnology research and experimental development) in the physical, engineering and life sciences such as; such as agriculture, electronics, environmental, biology, botany, computers, chemistry, food, fisheries, forests, geology, health, mathematics, medicine, oceanography, pharmacy, physics, veterinary and other allied subjects. Typical tasks include, but are not limited to, 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; requirements analysis, cost/cost performance trade-off analysis, feasibility analysis, developing and completing fire safety evaluation worksheets as they relate to professional engineering services; operation and

maintenance, evaluation of inspection, testing, and maintenance program for fire protection and life safety systems, program/project management, technology transfer/insertion, training and consulting.

SIN OLM - Order-Level Materials (OLM)

OLM OLMs are supplies and/or services acquired in direct support of an individual task or delivery order placed against a Schedule contract or BPA. OLM pricing is not established at the Schedule contract or BPA level, but at the order level. Since OLMs are identified and acquired at the order level, the ordering contracting officer (OCO) is responsible for making a fair and reasonable price determination for all OLMs.

OLMs are procured under a special ordering procedure that simplifies the process for acquiring supplies and services necessary to support individual task or delivery orders placed against a Schedule contract or BPA. Using this new procedure, ancillary supplies and services not known at the time of the Schedule award may be included and priced at the order level.

OLM SIN-Level Requirements/Ordering Instructions: OLMs are:

- Purchased under the authority of the FSS Program Unknown until an order is placed
- Defined and priced at the ordering activity level in accordance with GSAR clause 552.238-115 Special Ordering Procedures for the Acquisition of Order-Level Materials. (Price analysis for OLMs is not conducted when awarding the FSS contract or FSS BPA; therefore, GSAR 538.270 and 538.271 do not apply to OLMs)
- Only authorized for use in direct support of another awarded SIN.
- Only authorized for inclusion at the order level under a Time-and-Materials (T&M) or Labor-Hour (LH) Contract Line Item Number (CLIN)