



AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST PROFESSIONAL ENGINEERING SERVICES

FSC INDUSTRIAL GROUP 871

SIN 871-1	STRATEGIC PLANNING FOR TECHNOLOGY PROGRAMS/ACTIVITIES
SIN 871-2	CONCEPT DEVELOPMENT AND REQUIREMENTS ANALYSIS
SIN 871-3	SYSTEM DESIGN, ENGINEERING AND INTEGRATION
SIN 871-4	TEST AND EVALUATION
SIN 871-5	INTEGRATED LOGISTICS SUPPORT
SIN 871-6	ACQUISITION AND LIFE CYCLE MANAGEMENT

Contract Number: GS-23F-0210K

For more information on ordering from Federal Supply Schedules Click on the FSS Schedule button at fss.gsa.gov.

“Prices Shown herein are Net (discounts deducted)”

PERIOD COVERED BY CONTRACT: APRIL 26, 2000 THROUGH APRIL 25, 2020

Mod#17

Date 2/9/15



Vanguard Research, Inc.
6225 Brandon Ave., #260
Springfield, Virginia 22150
Phone - (703) 416-0400
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www.vriusa.com

Point of Contact
Contracts Department
Business Size – Small Business



GENERAL SERVICES ADMINISTRATION - FEDERAL SUPPLY SERVICE

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: GSAAdvantage.gov.

TABLE OF CONTENTS

CUSTOMER INFORMATION	1
1a. Table of Awarded Special Item Numbers	1
1b. Lowest Price Model Number and Lowest Unit Price for Special Items Number Awarded	1
1c. Labor Category Description	1
2. Maximum Order	1
3. Minimum Order	1
4. Geographic Scope	1
5. Points of Production	1
6. Quantity Discounts	2
7. Prompt Payment Terms	2
8a. Notification That Government Purchase Cards Are Accepted Below The Micropurchase Threshold	2
8b. Notification Whether Government Purchase Cards Are Accepted Or Not Accepted Above the Micropurchase Threshold	2
9. Foreign Items	2
10a. Time of Delivery	2
10b. Expedited Delivery	2
10c. Overnight and 2-Day Delivery	2
10d. Urgent Requirements	2
11. F.O.B. Points	2
12a. Contractor's Ordering Address	2
12b. Ordering Procedure	2
13. Payment Address	3
14. Warranty Provisions	3
15. Export Packing Charges	3
16. Terms and Conditions of Government Purchase Card Acceptance	3
17. Terms and Conditions of Rental, Maintenance, and Repairs	3
18. Terms and Conditions of Installation	3
19. Terms and Conditions of Repair Parts Indicating Date of Parts Price List and Any Discounts from Price List	3
20. Terms and Conditions for Any Other Services	3
21. List of Service and Distribution Points	3
22. List of Participating Dealers	3
23. Preventive Maintenance	3
24. Special Attributes	3
25. Data Universal Number System (DUNS) Number	3
26. Central Contractor Registration Registrations Notification	3

DESCRIPTION OF SERVICES	4
1. 871-1 Strategic Planning For Technology Programs/Activities	4
2. 871-2 Concept Development and Requirements Analysis	4
3. 871-3 System Design, Engineering and Integration	4
4. 871-4 Test and Evaluation	4
5. 871-5 Integrated Logistics Support	4
6. 871-6 Acquisition and Life Cycle Management	5
 DESCRIPTION OF LABOR CATEGORIES	 6 - 11
 SERVICE PRICE LIST	 12

CUSTOMER INFORMATION

1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS

Special Item Number (SIN) Work Categories		Primary Engineering Disciplines			
		Chemical	Mechanical	Civil	Electrical
871-1	STRATEGIC PLANNING	X	X	X	X
871-2	CONCEPT DEVELOPMENT & REQUIREMENTS ANALYSIS	X	X	X	X
871-3	SYSTEMS DESIGN, ENGINEERING & INTEGRATION	X		X	X
871-4	TEST & EVALUATION	X	X	X	X
871-5	INTEGRATED LOGISTICS	X	X	X	X
871-6	ACQ. & LIFE CYCLE MGMNT	X	X	X	X

1b. LOWEST PRICE MODEL NUMBER AND LOWEST UNIT PRICE FOR SPECIAL ITEMS NUMBER AWARDED IN CONTRACT: Please see price list on page 13.

1c. LABOR CATEGORY DESCRIPTIONS: Please see pages 6 through 12.

2. MAXIMUM ORDER: \$1,000,000.

3. MINIMUM ORDER: \$100.

4. GEOGRAPHIC COVERAGE: The geographic scope of this contract is the 48 contiguous states, the District of Columbia, Alaska, Hawaii and the Commonwealth of Puerto Rico. The geographic scope is the same for all items offered under this contract.

5. POINTS OF PRODUCTION (CITY, COUNTY, AND STATE OR FOREIGN COUNTRY): Services will be provided at one of the below listed VRI facilities as specified in each order.

Springfield, Fairfax County, VA (Headquarters):

Vanguard Research, Inc.
6225 Brandon Ave., #260
Springfield, VA 22150
Tel (703) 416-0400

Bellevue, Sarpy County, NE:

Vanguard Research, Inc.
1508 J.F. Kennedy Drive, Suite 204
Bellevue, NE 68005-3642
Tel (402) 291-3475

Colorado Springs, El Paso County, CO:

Vanguard Research, Inc.
411 Lakewood Circle #A110-D
Colorado Springs, CO 80910
Tel (719) 596-1174

6. **QUANTITY DISCOUNTS:** None
DISCOUNTS FROM LIST PRICES: Prices listed are NET Prices; Basic Discounts have been deducted. Prices listed are for the Washington, D.C. Metropolitan area. A discount may be available for other geographic areas.
7. **PROMPT PAYMENT TERMS:** Net 30 days.
- 8a. **NOTIFICATION THAT GOVERNMENT PURCHASE CARDS ARE ACCEPTED AT OR BELOW THE MICROPURCHASE THRESHOLD:** Government Purchase Cards are not accepted for orders below the micropurchase threshold.
- 8b. **NOTIFICATION WHETHER GOVERNMENT PURCHASE CARDS ARE ACCEPTED OR NOT ACCEPTED ABOVE THE MICROPURCHASE THRESHOLD:** Government Purchase Cards are not accepted for orders above the micropurchase threshold.
9. **FOREIGN ITEMS:** Not Applicable
- 10a. **TIME OF DELIVERY:** Services will be delivered as negotiated in the individual task order
- 10b. **EXPEDITED DELIVERY:** As negotiated in the individual task order
- 10c. **OVERNIGHT AND 2-DAY DELIVERY:** As negotiated in the individual task order
- 10d. **URGENT REQUIREMENTS:** As negotiated in the individual task order
11. **F.O.B. POINT(S):** Destination.
- 12a. **CONTRACTOR ORDERING ADDRESS**
- Vanguard Research, Inc.
6225 Brandon Ave., #260
Springfield, VA 22150
ATTN: GSA Contracts Administrator
Phone: (703) 416-0400 Facsimile: (703) 560-3140
- 12b. **ORDERING PROCEDURES:** For supplies and services, the ordering procedures, information on the Blanket Purchase Agreement (BPA's) and sample BPA can be found at the GSA/FSS Schedule homepage at (fss.gsa.gov/schedules).

13. PAYMENT ADDRESS(ES)

Payments via Check/U.S. Mail

Cardinal Bank.
Attention: Cathy Peterson
8270 Greensboro Drive, Suite 500
McLean, Virginia 22102

Payment via Electronic Funds Transfer:

Cardinal Bank
9-Digit ABA routing number: see invoice
Account Number: see invoice

- 14. WARRANTY PROVISIONS:** Not Applicable.
- 15. EXPORT PACKING CHARGES:** Not Applicable.
- 16. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARDS ACCEPTANCE:** No special concessions granted
- 17. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIRS:** Not Applicable.
- 18. TERMS AND CONDITIONS OF INSTALLATION:** Not Applicable.
- 19. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LIST AND ANY DISCOUNTS FROM LIST PRICE:** Not Applicable.
- 20. 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. PREVENTIVE MAINTENANCE:** Not Applicable
- 24. SPECIAL ATTRIBUTES:** None
- 25. DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER: 11-439-5759**
- 26. CENTRAL CONTRACT REGISTRATION REGISTRATIONS NOTIFICATION**
Vanguard Research, Inc. is registered in the Central Contractor Registration (CCR) Database.

DESCRIPTION OF SERVICES

1. 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.

2. 871-2 CONCEPT DEVELOPMENT AND REQUIREMENTS ANALYSIS

Services required under this SIN involve abstract or concept studies and analysis, requirements definition, preliminary planning, and 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, system conceptual designs, training, and consulting.

3. 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.

4. 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, quality assurance, physical testing of the product system, training and consulting.

5. 871-5 INTEGRATED LOGISTICS SUPPORT

Services required under this SIN involve 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 lifecycles, excluding those systems

associated with real property. 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, and consulting.

6. 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, and consulting.

DESCRIPTION OF LABOR CATEGORIES

EXECUTIVE SUBJECT MATTER SPECIALIST I

Minimum/General Experience: Thirty (30) years' experience in engineering, scientific and executive level experience to be widely recognized, nationally and internationally, as one of the nation's leading experts in the relevant technical or scientific discipline. Evidence of this status would include formal recognition by societies and/or institutes of higher education, frequent publication in leading journals associated with the relevant discipline, acknowledgment of such status by the executive or legislative branches of the US and/or foreign governments and widespread general public acceptance of the individual's expertise. Individual would generally have had a long and distinguished research/technical career during which he/she would have personally made significant contributions to the advancement of knowledge in the related discipline and which would have culminated in a position of great trust and responsibility in a large national or multinational organization which emphasized his/her technical/scientific skills or as a full professor and Department Head at a major university.

Functional Responsibility: Provides advice and assistance to senior government and industry managers related to the individual's area of recognized expertise. Address problems/issues of such complexity and technical depth that only the most experienced experts can reasonably be expected to recommend courses of action which may be successful. Advise and guide less experienced members of a team in implementing strategies necessary to resolve issues of national importance.

Minimum Education: Master's Degree in related field or thirty (30) years' demonstrated in-depth experience and specialized knowledge in the field.

EXECUTIVE SUBJECT MATTER SPECIALIST II

Minimum/General Experience: Thirty-five (35) years' experience in engineering, scientific and executive level experience to be widely recognized, nationally and internationally, as one of the world's leading experts in the relevant technical or scientific discipline. Evidence of this status would include the receipt of major international awards (Nobel Prize, etc.), formal recognition by societies and/or institutes of higher education, frequent publication in leading journals associated with the relevant discipline, acknowledgment of such status by the executive or legislative branches of the US and/or foreign governments and widespread general public acceptance of the individual's expertise. Individual would generally have had a long and distinguished research/technical career during which he/she would have personally made significant contributions to the advancement of knowledge in the related discipline and which would have culminated in a position of great trust and responsibility in a large national or multinational organization which emphasized his/her technical/scientific skills or as a full professor and Department Head at a major university.

Functional Responsibility: Provides advice and assistance to senior government and industry managers related to the individual's area of recognized expertise. Address problems/issues of such complexity and technical depth that only the most experienced experts can reasonably be

expected to recommend courses of action which may be successful. Advise and guide less experienced members of a team in implementing strategies necessary to resolve issues of national importance.

Minimum Education: PhD. Degree in related field or thirty-five (35) years' demonstrated in-depth experience and specialized knowledge in the field.

EXECUTIVE MANAGER/ADVISOR

Minimum/General Experience: Twenty years (20) of significant executive experience managing multiple programs/activities at the highest levels of government or major defenses industry. Will generally have served in a position requiring Presidential nomination and Congressional conformation, have been directly responsible for managing multiple multi-million dollar programs and have over twenty-five years of specialized experience and increasing responsibility in a technical/management specialty including program management, systems engineering, engineering, physical sciences, or mathematics.

Functional Responsibility: Provides advices and assistance to senior government and industry managers related to the development, justification, management and deployment of major systems programs and other efforts of similar size and scope based on personal experiences. Provides strategic and tactical direction which focus efforts performed by other members' of the staff.

Minimum Education: Master's Degree in related field or twenty (20) years' demonstrated in-depth experience and specialized knowledge in the field.

SENIOR PROGRAM MANAGER/ADVISOR

Minimum/General Experience: Twenty years (20) of specialized experience and increasing responsibility in systems analysis and the fields of engineering, physical science, mathematics or other technical disciplines related to the requirements.

Functional Responsibility: Advises and performs planning, budgeting, and management in areas related to accomplishing complex technical work as related to activities carried out by others.

Minimum Education: Master's Degree in related field or twenty (20) years' demonstrated in-depth experience and specialized knowledge in the field.

PROGRAM MANAGER

Minimum/General Experience: Ten years (10) of progressive technical experience including four years of managerial/supervisory experience.

Functional Responsibility: Develops and evaluates plans and criteria for a variety of projects and activities to be carried out by others. Supervises, coordinates, and reviews the work of a staff of engineers, scientists, and technicians.

Applies intensive and diversified knowledge of engineering principles and practices in broad areas of assignments and related fields. Makes decisions independently on engineering problems and methods and represents the organization in conferences to resolve important questions and to plan and coordinate work.

Carries out complex or novel assignments requiring the development of new or improved techniques and procedures.

Minimum Education: Bachelor's degree in related field or twelve (12) years' demonstrated in-depth experience and specialized knowledge in the field.

PRINCIPAL ENGINEER

Minimum/General Experience: Ten years (10) of current specialized experience in the analysis, design, development and testing with specific experience in the development of engineering products in support of systems. Master's degree in engineering, mathematics, science or computer science or equivalent experience.

Functional Responsibility: Directs and performs hardware and software efforts related to systems and/or product development, including requirements definition, planning, design, development, installation, testing, modification, maintenance, review, analysis, evaluation, ILS, configuration management, documentation preparation, and training.

Minimum Education: Master's degree in related field or fourteen (14) years' demonstrated in-depth experience and specialized knowledge in the field.

SENIOR ENGINEER

Minimum/General Experience: Six years (6) of current specialized experience in the analysis, design, development, and testing with specific experience in the development of engineering products in support of these systems.

Functional Responsibility: Performs hardware and software efforts related to systems and/or product development, including requirements definition, planning, design, development, installation, testing, modification, maintenance, review, analysis, evaluation, ILS, configuration management, documentation preparation and production, and training.

Minimum Education: Bachelor's degree in related field or ten (10) years' demonstrated in-depth experience and specialized knowledge in the field.

ENGINEER

Minimum/General Experience: Five years (5) of experience in the system or hardware analysis, design, development and testing with specific experience in the development of engineering products in support of the systems.

Functional Responsibility: Performs hardware and integration and development efforts related to product development, including requirements definition, planning, designing, development,

installation, testing, modification, maintenance, review, analysis, evaluation, ILS, configuration management, documentation preparation and production, and training.

Minimum Education: Bachelor of Science degree in related field or nine (9) years' demonstrated in-depth experience and specialized knowledge in the field.

PRINCIPAL ANALYST

Minimum/General Experience: Ten years (10) of specialized experience with a minimum of four years supervisory experience to include analysis, design, development, testing and maintenance of systems and products in support of these systems.

Functional Responsibility: Applies systems analysis and design techniques to complex systems in areas such as manufacturing; finance management; engineering, accounting, or statistics; logistics planning; material management, and test and evaluation.

Minimum Education: Master's degree in related field or fourteen (14) years' demonstrated in-depth experience and specialized knowledge in the field.

SENIOR ANALYST

Minimum/General Experience: Six years (6) of specialized experience to include analysis, design, development, testing and maintenance of systems and products in support of these systems or specific technical experience in a relevant specialty area. Demonstrated experience performing complex systems analysis tasks with minimum supervision, which clearly demonstrates the capability to do creative thinking.

Functional Responsibility: Applies systems analysis and design skills to systems development. Recognizes interactions of related components and predicts impact of a change in assigned system; or applies specialized technical expertise to perform analysis, design, development, testing, and maintenance of products. Provides expertise relative to user requirements. Develops technical reports and system documentation.

Minimum Education: Bachelor's degree in related field or eight (8) years' demonstrated in-depth experience and specialized knowledge in the field.

ANALYST

Minimum/General Experience: Three years (3) of experience to include analysis, design, development, testing and maintenance of engineering products.

Functional Responsibility: Applies systems analysis and design skills to product development. Recognizes interactions of related components and predicts impact of a change in assigned system or product.

Minimum Education: Bachelor's degree in related field or six (6) years' demonstrated in-depth experience and specialized knowledge in the field.

PRINCIPAL SCIENTIST

Minimum/General Experience: Ten years (10) experience with a minimum of four years supervisory experience in the design, development, and documentation of science-based systems and products.

Functional Responsibility: Directs and performs requirements definition, scientific planning, science and mathematical analysis and evaluations and is responsible for the scientific integrity of systems and products.

Minimum Education: Master's degree in related field or fourteen (14) years' demonstrated in-depth experience and specialized knowledge in the field.

SENIOR SCIENTIST

Minimum/General Experience: Five (5) years' experience in the design, development, and documentation of science based systems and products.

Functional Responsibility: Performs scientific requirements definition, design, development and analysis of scientific systems and products.

Minimum Education: Master's degree in related field or twelve (12) years' demonstrated in-depth experience and specialized knowledge in the field.

SCIENTIST

Minimum/General Experience: Two (2) years' experience in the design, development, and documentation of science based products.

Functional Responsibility: Performs scientific calculations and analysis; reduces scientific data and prepares scientific reports and other documentation.

Minimum Education: Bachelor's degree in related field or six (6) years' demonstrated in-depth experience and specialized knowledge in the field.

PROGRAM SUPPORT SPECIALIST

Minimum/General Experience: Four years (4) of technical experience in the relevant specialty area. Demonstrated experience performing systems analysis tasks.

Functional Responsibility: Applies specialized technical expertise to perform analysis, testing, and maintenance of systems and products. Provides expertise relative to user requirements. Develops technical reports and system documentation.

Minimum Education: Bachelor's degree in related field or four (4) years' demonstrated in-depth experience and specialized knowledge in the field.

PROGRAM SUPPORT SPECIALIST II

Minimum/General Experience: Four years (4) of technical experience in the relevant specialty area. Demonstrated experience performing systems analysis tasks.

Functional Responsibility: Applies specialized technical expertise to perform analysis, testing, and maintenance of systems and products. Provides expertise relative to user requirements. Develops technical reports and system documentation.

Minimum Education: Bachelor's degree in related field or six (6) years' demonstrated in-depth experience and specialized knowledge in the field.

PROGRAM SUPPORT SPECIALIST III

Minimum/General Experience: Four years (4) of technical experience in the relevant specialty area. Demonstrated experience performing systems analysis tasks.

Functional Responsibility: Applies specialized technical expertise to perform analysis, testing, and maintenance of systems and products. Provides expertise relative to user requirements. Develops technical reports and system documentation.

Minimum Education: Bachelor's degree in related field or eight (8) years' demonstrated in-depth experience and specialized knowledge in the field.

PROGRAM SUPPORT SPECIALIST IV

Minimum/General Experience: Four years (4) of technical experience in the relevant specialty area. Demonstrated experience performing systems analysis tasks.

Functional Responsibility: Applies specialized technical expertise to perform analysis, testing, and maintenance of systems and products. Provides expertise relative to senior level user requirements. Develops technical reports and system documentation.

Minimum Education: Bachelor's degree in related field or ten (10) years' demonstrated in-depth experience and specialized knowledge in the field.

TECHNICIAN

Minimum/General Experience: Two (2) years of experience related to systems installation and integration and familiarity with basic test instrumentation and assembly.

Functional Responsibility: Performs assembly, installation, operation and testing of hardware and software systems.

Minimum Education: High school graduate or equivalent certification.

SERVICES PRICE LIST

The contractor's final pricing for option three, (years 16-20), SINs 871-1, 871-1RC, 871-2, 871-2RC, 871-3, 871-3RC, 871-4, 871-4RC, 871-5, 871-5RC, 871-6 and 871-6RC are shown in the following table:

Labor Categories	GSA prices (including IFF)
Executive Subject Matter Specialist I	\$550.00
Executive Subject Matter Specialist II	\$650.00
Executive Manager/Advisor	\$395.41
Senior Program Manager/Advisor	\$332.15
Program Manager	\$201.04
Principal Engineer	\$170.23
Senior Engineer	\$130.95
Engineer	\$112.69
Principal Analyst	\$127.46
Senior Analyst	\$85.53
Analyst	\$57.66
Principal Scientist	\$243.78
Senior Scientist	\$207.71
Scientist	\$94.02
Program Support Specialist	\$51.27
Program Support Specialist II	\$73.00
Program Support Specialist III	\$91.25
Program Support Specialist IV	\$97.33
Technician	\$38.01

These prices will remain in effect unless changed in accordance with clause 552.216-70.

Vanguard Research, Inc. acknowledges that the Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Engineering Services (PES) Schedule and all services provided. While no specific SCA labor categories have been identified, this contract still maintains the provisions and protections for SCA eligible labor categories and the Contractor will ensure that all employees that fall under the provisions of the SCA will be compensated in accordance with the applicable wage determination(s) for the location(s) in which work is performed. 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 wage determination number. Failure to do so may result in cancellation of the contract.