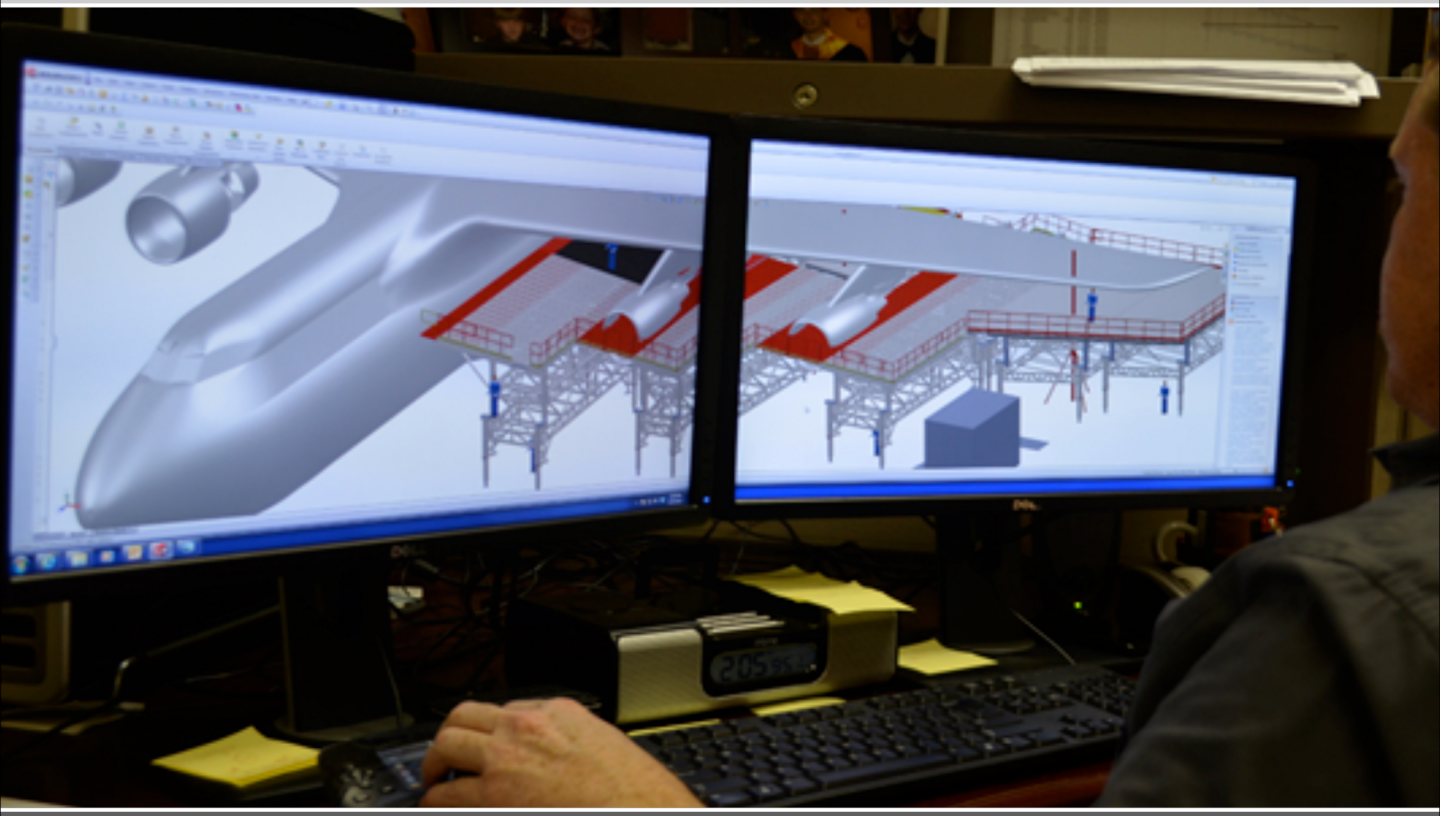
PROFESSIONAL ENGINEERING SERVICES



General Services Administration
Federal Supply Services

Authorized Federal Supply Schedule Price List
Contract #: GS-10F-019AA

BERRY ENGINEERING
Washington DC • Virginia • Georgia

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General Services Administration

Federal Supply Services
Authorized Federal Supply Schedule Price List

Professional Engineering Services

Contract No.: GS-10F-019AA
Federal Supply Group: 871

Contract Period: 24 October 2012 – 23 October 2017

Special Item No. 871-1	Strategic Planning for Technology Programs Activities
Special Item No. 871-2	Concept Development and Requirements Analysis
Special Item No. 871-3	System Design, Engineering and Integration
Special Item No. 871-4	Test and Evaluation
Special Item No. 871-5	Integrated Logistics Support
Special Item No. 871-6	Acquisition and Life Cycle Management

Berry Engineering, Inc.
102 Alwoodley
Williamsburg, VA 23188-7466
Email: Hank.Berry@berryengineeringinc.com
Web Address: http://www.BerryEngineeringInc.com
Phone: (757) 870-5001

Business Size: Small Business

Online access to contract ordering information, terms and conditions, up-to-date pricing and the option to create an electronic delivery order area available through GSA Advantage!, a menu-driven system. The address for GSA Advantage! is: http://www.gsaadvantage.gov.

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

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Customer Information

Table of Awarded SINs

Special Item Numbers (SINs) awarded for engineering services offered are listed below.

SIN 871-1 Strategic Planning for Technology Programs/Activities
Services involve the definition and interpretation of high level organizational engineering performance requirements such as projects, systems, missions, etc., and the objectives and approaches to their achievement. Typical associated tasks include, but are not limited to an analysis of mission, program goals and objectives, program evaluations, analysis of program effectiveness, requirements analysis, organizational performance assessment, special studies and analysis, training, and consulting. Example: The evaluation and preliminary definition of new and/or improved performance goals for navigation satellites such as launch procedures and costs, multi-user capability, useful service life, accuracy and resistance to natural and man-made electronic interference.

SIN 871-2 Concept Development and Requirements Analysis
Services 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, developing and completing fire safety evaluation worksheets as they relate to professional engineering services, regulatory compliance support, technology/system conceptual designs, training, and consulting.

SIN 871-3 System Design, Engineering and Integration
Services 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, e.g. CADD, design studies and analysis, design review services, shop drawing review services, submittal review services, conducting fire protection facility surveys, developing risk reduction strategies and recommendations to mitigate identified risk conditions, fire modeling, performance-based design reviews, high level detailed specification and scope preparation, configuration, management and document control, fabrication, assembly and simulation, modeling, training, and consulting.

SIN 871-4 Test and Evaluation
Services 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, performing inspections and witnessing acceptance testing of fire protection and life safety systems as they relate to professional engineering services, 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.

SIN 871-5 Integrated Logistics Support

Services 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, conducting research studies, long-term reliability and maintainability, training, and consulting.

SIN 871-6 Acquisition and Life Cycle Management

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

Contract Information

The Berry Engineering Professional Engineering Services Schedule Price List is authorized by the Federal Supply Service.

1. Contract Number: GS-10F-019AA

2. Period of Performance: 24 October 2012 – 23 October 2017

3. Maximum Order: $1,000,000.00

4. Minimum Order: $100.00

5. Prompt Payment Discount: 0.5% discount on orders paid within 10 days, net 30.

6. Quantity Discount: 1% on orders over $150,000

7. Geographic Coverage: FOB Destination, Domestic only delivery, with the exact time to be specified on individual Delivery/Task Orders.

8. Licensing Fee: If any, fees are to be negotiated between the contractor and the individual customer agencies.

9. Payment: Government commercial credit cards are accepted below and above the micropurchase threshold.

10. Foreign Items: Not applicable

11. Time of Delivery: Delivery schedule will be negotiated between the contractor and the individual customer agencies

12. FOB Delivery: FOB Origin

13. Ordering Address: Berry Engineering, Inc. 102 Alwoodley, Williamsburg, VA 23188-7466

14. Ordering Procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs), and a sample EPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

15. Payment Address: Wells Fargo Bank (Attn: Holly Mills), 500 Thimble Shores Blvd, Suite 375, Newport News, VA 23606

16. Warranty Provisions: Not applicable

17. Export Packing Charges: Not applicable

18. Terms and Conditions of Government Commercial Credit Card Acceptance (any thresholds above the micro-purchase level: Addressed by the Ordering Office

19. Environmental Attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): Not applicable.

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

21. Terms and Conditions of Installation: Not applicable

22. Terms and Conditions of Repair Parts Indication Date of Parts Price Lists and Any Discounts from List Prices: Not applicable

23. Terms and Conditions of any Other Services: Not applicable

24. List of Services and Distribution Points: Not applicable

25. List of Participating Dealers: Not applicable

26. Preventive Maintenance: Not applicable

27. Special Attributes such as Environmental Attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): Not applicable

28. Section 508 Compliance: If applicable, Section 508 compliance information is available at www.Section508.gov/ Berry Engineering point of contact is:

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102 Alwoodley
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Email: Hank.Berry@berryengineeringinc.com
Web Address: http://www.BerryEngineeringInc.com
Phone: (757) 870-5001

29. Data Universal Number System (DUNS): 968884635

30. Berry Engineering, Inc., is registered in the Central Contractor Registration (CCR) Database

Ordering Procedures

Procedures for Services Priced on GSA Schedules at Hourly Rates

l. Prepare a Request for Quotation (RFQ)

A. A Statement of Work should be prepared that includes the work to be performed, the location of the work, the period of performance, the deliverable schedule, the applicable performance standards, and any special requirements (e.g., security clearances, travel, and special knowledge). The evaluation criteria should also be provided (e.g., project plan for performing the task, price, experience, and past performance).

B. To the maximum extent practicable, agency requirements must be performance-based statements. A firm-fixed price order must be requested, unless the ordering activity makes a determination that it is not possible at the time of placing the order to estimate accurately the extent or duration of the work, or to anticipate cost with any reasonable degree of confidence. When such a determination is made, a labor-hour or time-and-materials quotation may be requested. The firm-fixed price of the order should also include any travel costs or other direct charges related to performance of the services ordered, unless the order provides for reimbursement of travel costs at the rates provided in the Federal Travel or Joint Travel Regulations. A ceiling price must be established for labor-hour and time-and-materials orders.

C. At the discretion of the ordering activity contracting officer, orders and BPAs may be set aside for the types of small businesses listed in FAR 19.000(a)(3). Market research will reveal whether or not two or more small businesses of a certain type can meet agency requirements. Refer to FAR 8.405-5.

2. Transmit Request for Quote to Contractors

A. Based upon an initial evaluation of catalogs and price lists, the ordering office should identify the contractors that appear to offer the best value (considering the scope of services offered, hourly rates and other factors such as contractors' locations, as appropriate).

B. The request for quotes should be provided to three (3) contractors if the proposed order is estimated to exceed the micro-purchase threshold, but not exceed the maximum order threshold. For proposed orders exceeding the maximum order threshold, the request for quotes should be provided to additional contractors that offer services that will meet the agency's needs. Ordering offices should strive to minimize the contractors' costs associated with responding to requests for quotes for specific orders. Requests should be tailored to the minimum level necessary for adequate evaluation and selection for order placement. Oral presentations should be considered, when possible.

3. **Evaluate Quotes and Select the Contractor to Receive the Order**

After responses have been evaluated against the factors identified in the request for quotes, the order should be placed with the schedule contractor that represents the best value and results in the lowest overall cost alternative (considering price, special qualifications, administrative costs, etc.) to meet the Government's needs.

The establishment of Federal Supply Schedule Blanket Purchase Agreements (BPAs) for recurring services is permitted when the procedures outlined herein are followed. All BPAs for services must define the services that may be ordered under the BPA, along with delivery or performance time frames, billing procedures, etc. The potential volume of orders under BPAs, regardless of the size of individual orders, may offer the ordering office the opportunity to secure volume discounts. When establishing BPAs, ordering offices shall inform contractors in the request for quotes (based on the agency's requirement) if a single BPA or multiple BPAs will be established, and indicate the basis that will be used for selecting the contractors to be awarded the BPAs.

A. SINGLE BPA: Generally, a single BPA should be established when the ordering office can define the tasks to be ordered under the BPA and establish a firm-fixed price or ceiling price for individual tasks or services to be ordered. When this occurs, authorized users may place the order directly under the established BPA when the need for service arises. The schedule contractor that represents the best value and results in the lowest overall cost alternative to meet the agency's needs should be awarded the BPA.

B. MULTIPLE BPAs: When the ordering office determines multiple BPAs are needed to meet its requirements, the ordering office should determine which contractors can meet any technical qualifications before establishing the BPAs. When multiple BPAs are established, the authorized users must follow the procedures in II.B above, and then place the order with the Schedule contractor that represents the best value and results in the lowest overall cost alternative to meet the agency's needs.

4. **Review BPAs Periodically.** Such reviews shall be conducted at least annually. The purpose of the review is to determine whether the BPA still represents the best value (considering price, special qualifications, etc.) and results in the lowest overall cost alternative to meet the agency's needs.

5. **Small Business.** The ordering office should give preference to small business concerns when two or more contractors can provide the services at the same firm-fixed price or ceiling price.

6. Order Documentation. At a minimum, the ordering activity should document orders by identifying the contractor from which the services were procured, a description of the services, the amount paid, the evaluation methodology used in selecting the contractor, the rationale for any tradeoffs, and the fair and reasonable price determination.

7. Orders: Agencies may use Optional Form 347, an agency-prescribed form, or an established electronic communications format to order supplies or services from schedule contracts. The agency will place an order directly with the contractor in accordance with the terms and conditions of the pricelists. Prior to placement of the order, the agency will ensure that the regulatory and statutory requirements have been applied.

Company Overview

Berry Engineering, Inc. is a professional engineering firm with operations in Washington DC, Virginia and Georgia. Owner-operated and client-focused, our small business is committed to supporting the Department of Defense (DoD) as well as commercial customers. Berry Engineering delivers on-time and on-target contract performance. Our award-winning staff of senior engineers possesses 200+ years of experience in naval and air system operation, automation design and manufacturing expertise.

Our Washington DC and Virginia locations specialize in ship system designs with particular emphasis on the automation and control designs and design processes. Berry Engineering provides Naval Sea Systems Command (NAVSEA) as a subcontractor through our team partners, Alion and Gryphon, with approximately $2M in professional services annually since 2003.

Our Georgia operations center specializes in the design and development of aircraft and vehicle system components, machine components, and test equipment. Our specialists are well-skilled in reverse engineering systems burdened with obsolete elements, inadequate or no documentation, or that require improved design. From precisely defining specific part data to pinpointing a system's original design intent, our engineers deliver improvements. Our proven reverse engineering procedures emphasize defining part form, interface and fit between mating components, and system function. Our team is adept in three-dimensional CAD solid and surface modeling, creation of fully detailed technical data packages (TDP) and development of prototypes to validate designs and TDP.

Professional Engineering Services Labor Rates
Berry Engineering, Inc.
SINs 871-1, 871-2, 871-3, 871-4, 871-5, 871-6

Item No	Labor Category	Contractor or Customer Site	Price Offered to GSA Base Period	Year 2	Year 3	Year 4	Year 5
1	Engineer: Project Manager	Customer Site	$152.97	$156.64	$160.40	$164.25	$168.19
2	Subject Matter Expert III	Customer Site	$152.73	$156.40	$160.15	$163.99	$167.93
3	Subject Matter Expert II	Customer Site	$139.40	$142.75	$146.17	$149.68	$153.27
4	Subject Matter Expert I	Customer Site	$134.69	$137.95	$141.23	$144.62	$148.10
5	Engineer Level IV	Customer Site	$110.06	$112.70	$115.40	$118.17	$121.01
6	Engineer Project Manager III	Contractor Site	$213.41	$218.53	$223.77	$229.15	$234.64
7	Subject Matter Expert III	Contractor Site	$238.73	$244.45	$250.32	$256.33	$262.64
8	Engineer Level III	Contractor Site	$113.76	$116.49	$119.29	$122.15	$125.06
9	Engineer Level II	Contractor Site	$99..57	$101.96	$104.41	$106.91	$109.48
10	Technician Level III	Contractor Site	$99.57	$101.96	$104.41	$106.91	$109.48

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

SCA Eligible Labor Category	SCA Equivalent Code Title	Wage Determination No.
Technician Level III	Engineering Technician III – 30083	2005-2139

Professional Engineering Services Labor Categories
Berry Engineering, Inc.
SINs 871-1, 871-2, 871-3, 871-4, 871-5, 871-6

Engineering Program/Project Manager
Oversees work of significant technical value for government and industry customers. Has outstanding knowledge and competence in one or more specific technical areas and is exceedingly well qualified to conceptualize, manage, coordinate, and carry out complex projects. Applies expert knowledge of scientific concepts, principles, and practices in his/her field of expertise and contributes to advancing that field. Manages resources and activities or defines technical approaches to be implemented by others. Prepares and delivers presentations to colleagues, subordinates, and government representatives. Responsible for the cost, schedule, and technical performance of the company on assigned program from inception through completion. Manages technical and administrative staff and provides ongoing direction in the performance of the assigned program. Develops and monitors program plan including time and cost estimates. Ensures project outputs are delivered on schedule and within funding. Establishes milestones and monitors adherence to program plan and schedule, identifies program problems, and obtains solutions, such as allocation of resources or changing contractual specifications. Prioritizes workload and determines staffing levels and any adjustments in staffing. Maintains a staffing level to ensure technical quality and appropriate experience levels are consistent with current and projected project activities. Reviews reports and briefings prepared by technical staff for quality. Leads technical discussions for project reviews. Prepares and delivers formal briefings. Ensures that appropriate training is delivered to program staff. Establishes and maintains effective relationships with customer, subcontractors, other prime contractors and other outside agencies. Acts as primary customer contact for program activities. Regularly meets with and updates the customer on project status. Leads program review sessions with customer to discuss cost, schedule, and technical performance.

Level III
Education/Experience Requirement: A Bachelor's degree plus 20 years of relevant work experience is required.
Alternate Education/Experience Requirement: Master's degree plus 10 years of relevant work experience and/or doctorate plus 8 years of relevant work experience is required.

Level II
Education/Experience Requirement: Bachelor of Science degree plus 12 years of relevant work experience

Subject Matter Expert
An organizational expert in the mechanical, electrical, chemical, components of civil engineering, aerospace, nuclear, bioengineering, science or marine architecture fields. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and

implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Participates as needed in all phases of science and engineering disciplines with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Applies principles, methods and knowledge of the functional area of capability to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. May have authored and published articles or books in field of expertise.

Level III
Education/Experience Requirement: A Master of Science degree (doctorate preferred) and 18 or more years of experience is generally required.

Level II
Education/Experience Requirement: A Bachelor's degree plus 15 years of relevant work experience is required.
Alternate Education/Experience Requirement: Master's degree plus 10 years of relevant work experience and/or doctorate plus 8 years of relevant work experience is required.

Level I
Education/Experience Requirement: Bachelor of Science degree plus 12 years of relevant work experience

Engineer
Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials. Applies knowledge of and experience with engineering principles and techniques to develop moderately complex specifications and procedures, develop and analyze designs, and evaluate technical reports. Conducts research concerned with design, manufacture and test of components, equipment and systems, including application of equipment to new uses. Creates and analyzes moderately complex engineering designs.

Level IV
Education/Experience Requirement: A Bachelor of Science degree plus 12 years of relevant work experience is required.

Level III
Education/Experience Requirement: A Bachelor of Science degree plus 8 years of relevant work experience is required.

Level II
Education/Experience Requirement: A Bachelor of Science degree plus 4 years of relevant work experience is required.

Technician III
Designs components, equipment, and test sets and executes procedures and processes in conjunction with requirements and specifications developed by engineering staff. Conducts or supports the development of new designs, methods, materials and processes; obtains, correlates, and analyzes complex technical information needed to accomplish assigned tasks; prepares detailed engineering reports, charts, graphs, and other documentation; maintains safety and security programs and assists in inspections and follow up reporting; monitors facility support systems; oversees and/or completes emergency repairs and routine maintenance; monitors operational procedures and recommends changes and enhancements.

Education/Experience Requirement: An Associate's degree or equivalent training and 10 years of experience are required.

Equivalent Education/Experience Requirement:
On occasion, there may be a need to waive the requirements in order to use the best individual for the task. Therefore, waivers to the education/experience requirements may be granted by either the task order contracting officer or contracting officer technical representative. If such a waiver is included in our proposal, award of said proposal shall be deemed a grant of the waiver.