

Amplifying Human Performance through Advanced Technology

PROFESSIONAL ENGINEERING SERVICES (PES)

Federal Supply Schedule 871

FSC GROUP: 871

Contract Number: GS-23F-0014P

Period of Performance to October 09 2013

Company Overview

Cybernet Systems Corporation is a solutions company committed to advancing human performance through the application of technology. Cybernet is a leader in American research and development in the medical and defense fields and is one of the country's largest Small Business Innovative Research (SBIR) contract winners. Located in Ann Arbor, Michigan, Cybernet was founded in 1989 and has completed hundreds of U.S. Department of Defense contracts and is a certified 8(a), woman-owned small business.

Cybernet has been committed since its inception to successfully developing technology and bringing its research to market. By specifically focusing on technologies that enhance human performance, Cybernet has successfully converted research and development endeavors into commercially viable and useful products for the commercial, defense and medical markets.

Cybernet Chairman and CEO, Heidi Jacobus founded the company while pursuing her doctorate in computer science from the University of Illinois, Urbana. With Chuck Jacobus, her husband, Heidi launched the company with the ultimate objective of blurring the lines of human interaction with devices to the point where such interaction becomes transparent.

In the company's two decades, Cybernet has made significant contributions to the health, productivity and security of America and the world. Together with a dedicated staff made of engineers, scientists and skilled business professionals, Heidi and Chuck have built Cybernet Systems Corporation into a trusted partner for the U.S. government and private contractors alike, providing solutions to some of the world's biggest challenges.

Cybernet Systems Orlando office and satellite offices in Washington, D.C. and Johnstown, PA will focus on Information Assurance (IA) and Information Security Engineering solutions. Cybernet Systems is a prime contractor to the United States Department of Defense and Department of Homeland Security, developing security solutions and root kit defense systems as an 8(a) small business.

<http://www.cybernet.com/>

Business Size:

Small

Woman-owned Small Business

SBA Certified Small Disadvantaged Business (Active Until:12/16/2013)

SBA Certified 8(a) Firm

CCR Registered 0GT29 Complete ORCA filing.

DUNS 19-718-7602

Contact Information

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871 PROFESSIONAL ENGINEERING SERVICES

1a. Awarded Special Item Numbers/Primary Engineering Disciplines

[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.

[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, regulator 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.

[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.

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

[871.5](#) Integrated Logistics Support Services required under this SIN involves 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. Example: The full range of life cycle logistics support for the navigation satellite will be identified and designed in this stage including training, operation and maintenance requirements, and replacement procedures.

[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. 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.

1b. Labor Rates:

SINs : 871-1 through 6 871-1RC through 6RC PEDs Elect. & Mech					
Labor Categories	10/10/2008 10/9/2009	10/10/2009 10/9/2010	10/10/2010 10/9/2011	10/10/2011 10/9/2012	10/10/2012 10/9/2013
<i>Senior Engineer</i>	\$195.52	\$201.78	\$208.23	\$214.90	\$221.77
<i>Engineer/3</i>	\$165.47	\$170.77	\$176.23	\$181.87	\$187.69
<i>Engineer/2</i>	\$103.88	\$107.20	\$110.63	\$114.18	\$117.83
<i>Engineer/1</i>	\$101.55	\$104.80	\$108.15	\$111.61	\$115.19
<i>Research Technician</i>	\$89.28	\$92.14	\$95.09	\$98.13	\$101.27

Travel and material will be cost based on scope

1c. Labor Category Descriptions:

Commercial Job Title: Senior Engineer

Minimum/General Experience: Twelve (12+) years of experience which applies to engineering and/or programming principles and practices in high level engineering and/or programming activities. Requires competence in all phases of systems analysis, design, and development. Must use mature engineering judgment in anticipating and solving unprecedented engineering problems, program objectives and requirements, organizing programs, and developing standards engineering and/or programming activities. and guides for diverse engineering and/or programming activities.

Functional Responsibility: Makes decisions that are recognized as authoritative and have a far-reaching impact on extensive engineering and related activities. Demonstrates a high degree of creativity, foresight, and importance. Supervises several subordinate supervisors or team leaders and determines staff remuneration.

Minimum Education: Bachelor’s Degree in Computer Science or Engineering discipline.

Commercial Job Title: Engineer 3

Minimum/General Experience: Eight (8) to twelve (12) years of experience which applies to engineering and/or programming principles and can be involved in the exploration of subject area, definition of scope and selection of problems for investigation, approaches. novel concepts, and approaches.

Functional Responsibility: Technical responsibility for interpreting, organizing, executing, and coordinating assignments. Plans and develops engineering projects with unique or controversial problems that impact major company programs. Manages programs, products, and/or program development. Plans, organizes, and supervises the work of a staff of engineers and technicians. Evaluates progress and results obtained, recommends major changes to achieve objectives. Evaluates personnel supervised and recommends remuneration.

Minimum Education: Bachelor's Degree in Computer Science or Engineering discipline.

Commercial Job Title: Engineer 2

Minimum/General Experience: Four (4) to eight (8) years of experience which applies to independently evaluating, selecting, and applying standard engineering techniques, procedures, and criteria, using judgment in making adaptations and modifications. Has the ability to devise new approaches to problems.

Functional Responsibility: Fully qualified engineer. Independently performs assignments with instructions as to the general rules expected. Receives technical guidance on unusual or complex problems. May supervise projects, engineers, technicians and interns. Principal developer defines training or support programs and trains staff. Evaluates staff supervised.

Minimum Education: Bachelor's Degree in Computer Science or Engineering discipline or equivalent.

Commercial Job Title: Engineer 1

Minimum/General Experience: Entry-level position (Zero (0) to four (4) years experience).

Functional Responsibility: Engineer in training. Applies standard techniques, procedures, and criteria in carrying out engineering and programming tasks. First level developer or Second level software support and trainer.

Minimum Education: Bachelor's Degree in Computer Science or Engineering discipline or equivalent.

Commercial Job Title: Technician

Minimum/General Experience: Entry-level position.

Functional Responsibility: Applies standard techniques, procedures, and criteria in carrying out test and programming tasks. Builds, tests, and maintains product and prototype hardware and software support platforms. First level software support.

Minimum Education: High school diploma and some programming/test experience.

ORDERING INFORMATION AND DISCOUNTS

2: Maximum Order: \$750,000

3: Minimum Order: \$100

4: Geographic Coverage: Worldwide

5: Point of production: Ann Arbor, Michigan (Washtenaw County)

6: Discounts from list prices: N/A

7: Quantity discounts: 1% discount on purchases of over \$100,000.

8: Prompt Payment terms: 2% discount on payment if made in 15 or fewer days.

9a: Government Purchase Cards: accepted up to the micro-purchase threshold.

9b: Government Purchase Cards: accepted above the micro-purchase threshold.

10: Foreign Items: N/A

DELIVERY INFORMATION

11a: Time of Delivery: As negotiated and specified in each delivery order.

11b: Expedited Delivery: As negotiated and specified in each delivery order

11c: Overnight and 2 Day Delivery: As negotiated and specified in each delivery

11d: Urgent Requirements: Contract contains Clause I-FSS-140-B URGENT REQUIREMENTS (JAN 1994). Contact Contractor's Representative to effect a faster delivery.

12: F.O.B. Points: Destination

13: Ordering Addresses:

Cybernet Systems Corporation
3885 Research Park Drive
Ann Arbor, MI 48108

14: Payment Addresses:

Cybernet System Corporation
3885 Research Park Drive
Ann Arbor, MI 48108

15: Warranty Provision: Not applicable.

16: Export Packing Charges: As negotiated and specified in each delivery order.

17: Terms and Conditions of Government Purchase Card Acceptance: Standard (no exceptions taken)

18: Terms and Conditions of Rental, Maintenance, and Repair: N/A

19: Terms and Conditions of Installation: N/A

20: Terms and Conditions of Repair parts: N/A

20a: Terms and Conditions for any other Services: N/A

21: List of Service and Distribution Points: N/A

22: List of participating Dealers: N/A

23: Preventative Maintenance: N/A

24a: Environmental Attributes: N.A

24b: Section 508 compliance: Where applicable can be found at www.Section508.gov.

25: DUNS #: 19-718-7602

26: CCR #: 1997H011497.