

General Services Administration
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 are available through GSA-Advantage!TM, a menu-driven database system. The Internet address for GSA-Advantage!TM is: <http://www.gsaadvantage.gov>

MULTIPLE AWARD SCHEDULE

Large Category: Professional Services
Subcategory: Technical and Engineering Services (non- IT)

CONTRACT NO: GS-10F-0213W

Contract period: May 20, 2020 through May 19, 2025

Current through modification PS-0025, effective 07/20/2020



10948 BEAVER DAM ROAD

COCKEYSVILLE, MD 21030

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For more information on ordering from Federal Supply Schedule go to the GSA Schedules page at GSA.gov.

BUSINESS SIZE: SMALL

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Customer Information:

- 1a. Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s).

SIN	Description	Disaster Recovery SIN
541330ENG	Engineering Services	541330ENGRC
541380	Testing Laboratory Services	541380RC
541420	Engineering System Design and Integration Services	541420RC
541715	Engineering Research and Development and Strategic Planning	541715RC
OLM	Order Level Materials	OLMRC

- 1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply. **Not Applicable**
- 1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item.

Junior Technician hourly rate \$45.13.

2. Maximum Order: \$1,000,000; Except for SIN 541380 and OLM MO are \$250,000.
3. Minimum Order: \$100.00.
4. Geographic Coverage: 50 states, District of Columbia and Puerto Rico.
5. Point(s) of production: 10948 Beaver Dam Road, Hunt Valley, MD 21030
6. Discount: Net prices, discounts already deducted.
7. Quantity Discounts: None
8. Prompt Payment Terms: None, Net 30 days

Information for Ordering Offices: Prompt Payment Terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

- 9a. Foreign Items: None.

Customer Information:

- 10a. Time of Delivery: Negotiated at the Task Order Level.
- 10b. Expedited Delivery: Not Applicable.
- 10c. Overnight and 2-day Delivery: Not Applicable.
- 10d. Urgent Requirements: Not Applicable.
- 11. F.O.B. Point: Destination (Services).
- 12a. Ordering Address: 10948 Beaver Dam Road, Hunt Valley, MD 21030.
POC: Sara Orrell
Phone: (410) 771-1070
- 12b. 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.
- 13. Payment Address: 10948 Beaver Dam Road, Hunt Valley, MD 21030.
- 14. Warranty Provision: Not Applicable.
- 15. Export packing charges, if applicable. Not Applicable.
- 16. Terms and conditions of rental, maintenance, and repair (if applicable): Not Applicable.
- 17. Terms and conditions of installation (if applicable): Negotiated at the Task Order Level.
- 18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): Not Applicable.
- 18b. Terms and conditions for any other services (if applicable): None.
- 19. List of service and distribution points (if applicable): 10948 Beaver Dam Road, Hunt Valley MD 21030.
- 20. List of participating dealers (if applicable): Not Applicable.
- 21. Preventive maintenance (if applicable): Not Applicable.
- 22a. Special attributes such as environmental attributes: Not Applicable.
- 22b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov/. Not Applicable

Customer Information:

23. Data Universal Number System (DUNS) Number: 09-940-4030
24. Notification regarding registration in Systems for Award Management (SAM): Active registration within SAM.

Corporate Experience and Qualifications

Years of Experience and Evolution

Microcom Design, Inc. was founded in 1974. We have over 47+ years-experience.

Microcom Design, Inc. started with two electrical engineers and one electronic technician. Areas of expertise are radio communication (satellite to broadcast), microprocessor systems, sensors, medical equipment, electromechanical design (motors), control systems, data base computer systems, computer networks, custom computer software, fiber optics, remote power systems, and instrumentation systems.

Microcom Design, Inc. started as a custom engineering design business (1974), added custom production (1988), and in 2002 added an Environmental IT product line. Microcom Design, Inc. has retained some of the same clients for 20+ years or more.

Prior to 2002 Microcom's customers were private US companies. In 2009 1/4 of our business was US Federal derived and 1/6 was International.

Size: Small

25 Employees with numerous supporting suppliers and 3 subcontractors. 12,750 square feet of leased space. The recently renewed lease (5 years) will add 2000 square feet. Business volume over the last three years has averaged about \$5M per year.

Resources

Personnel

7 Degreed engineers in either electrical or computer science

4 Advanced engineering technicians

10 Electronic test technicians

2 CAD Technicians

2 Financial, administrative and materials support staff

ECAD Software

Solid Works, Mathcad, Visim, Orcad, Integrated Microprocessor Software development Platforms (Keil and others), EZNEC (antenna design) and Eagleware (RF circuit design).

Computer Systems

All engineers are equipped with Lap Top Computers and all remaining staff has Desk Tops PCs. All are networked to the Microcom Computer system, which provides backup and repository for document exchange and document control. All project reports and design documentation are stored with backup on this network.

Test Equipment

Each engineer and most of the technicians have in their offices or work stations complete basic electronic test equipment. In addition, there are 4 sets of Radio Frequency Test Equipment. Microcom owns four environmental test chambers and one radio frequency screen room.

Two GOES Satellite Direct Receive Systems, three GOES uplink test fixtures, and DOMSAT Ku band receive system at Microcom allow support of satellite communication engineering.

Project Accounting and Controls

Project Accounting is Microcom Office (Which is a Sequel Server Application) that manages the following company project components:

Labor

Materials

Suppliers

Purchase orders

Customer Orders

Documentation

All employees have access to Microcom Office

Professional Services

Microcom provides professional engineering services for Electrical Engineering (EE)

Electrical Engineering (EE)

Electrical engineering includes planning, design, development, evaluation, and operation of electrical principals, models and processes. It includes but its not limited to the design, fabrication, measurement and operation of electrical devices, equipment and systems (e.g., signal processing, telecommunications, sensors, microwave and image processing, energy systems and control, satellites, fiber optics and GOES Data Collections Systems.

LABOR RATES

Category	GSA PRICE
RF Communications System Specialist	\$151.11
Signal Processing Specialist	\$151.11
Computer Network Specialist	\$138.76
Database System Architect / Designer	\$151.11
Principal Engineer	\$106.69
Project Engineer	\$94.89
Engineer	\$79.84
Associate Engineer	\$71.38
Senior Technician **	\$62.08
Technician**	\$50.30
Junior Technician**	\$45.13
Senior Draftsman**	\$68.91
Draftsman**	\$50.33
Production Manager	\$69.04

The following Service Contract Labor Standards (SCLS) are hereby incorporated into the contract:

SCLS Matrix		
SCLS	SCLS Equivalent Code Title	WD Number:
Senior Technician	30085 Engineering Tech V	2015-4265
Technician	30083 Engineering Tech III	2015-4265
Junior Technician	30081 Engineering Tech I	2015-4265
Senior Draftsman	30064 Drafter / CAD Operator IV	2015-4265
Draftsman	30062 Drafter / CAD Operator II	2015-4265

The Service Contract Labor Standards, formerly the Service Contract Act (SCA), apply to this contract and it includes SCLS applicable labor categories. Labor categories and fixed price services marked with a (**) in the pricelist are based on the U.S. Department of Labor Wage Determination Numbers identified in the SCLS/SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide).

LABOR CATEGORIES DESCRIPTIONS:

RF Communications Specialist

Designs and analyzes Radio Frequency communications systems. Frequency ranges covered are HF to Microwave. Uses a range of CAD tools for link budgets, impedance matching, antenna design, modulation, demodulation, frequency synthesis and coding. Independently organizes jobs into tasks that may be assigned to others. Writes and presents documents on work results.

Education / Experience required: Minimum BS in engineering with 10 years experience. MS plus 5 years experience may be substituted for 10 years experience. Education / Experience required: Minimum BS in engineering with 10 years experience. MS plus 5 years experience may be substituted for 10 years experience.

Signal Processing Specialist

Designs and analyzes signal processing systems. Works with a wide range of tools for Digital Signal Processing (DSP) development that are applied to specialized DSP and gate array chips. Constructs digital down conversion, filtering, demodulation, and decoding software. Applies methods of signal combination and noise cancellation to enhance signal to noise ratio and improve the reliability of information recovery.

Education / Experience required: Minimum BS in Engineering with 10 years experience. MS plus 5 years experience may be substituted for 10 years experience.

Computer Network Specialist

This specialist is responsible for the design and operation of large systems based on networked computers. These computers may be on either or both Local Networks (LAN) or Wide Area Networks (WAN). The WAN element maybe private via VPN or may also have public interface elements. Minimum of a BS in Engineering, Mathematics, and Computer Science with further specialized experience and / or education is required. Five years of experience or more is required. Please note that this is different from other specialist where 10 years of experience is required. The reason is that the types of networks we are using have begun widespread use only 5 or 6 years ago.

Data Base System Architect / Designer

This specialist must be familiar with data base designs using either MSSQL or Oracle. Both real time and archive operational capability is required. Of particular emphasis is knowledge and experience in high reliability multiple node systems. Communications between these nodes may be local or remote. He has substantial capability on all system facets such as data base schemas and replication.

Education / Experience Required: Minimum of a BS degree in Engineering, Mathematics, and Computer Science with further specialized experience and / or education is required. Ten years of experience is required.

Principal Engineer

A principal engineer is responsible for administrative and financial responsibility to projects or groups of related projects. He manages the interaction with customer requirements and expectation. These are interpreted working requirements and performance specifications. He must also be able to perform the duties of a project or senior engineer.

Education / Experience required: Minimum BS in Engineering with 10 years experience. MS plus 5 years experience may be substituted for 10 years experience.

Project Engineer

The project engineer manages and performs necessary hardware and software designs required to execute a design based on a written set of requirements and specifications. He designs and executes tests to validate the design performance. Design and production documents are generated to bring a design to production or field application.

Education / Experience required: Minimum BS with 5 years experience. MS may be substituted for 5 years experience.

Engineer

Creates designs and analyses for electronics and computer systems with the assistance of higher-level engineers. Applies a range of CAD and software development tools to create hardware and software designs to meet design requirements and performance specifications.

Education / Experience required: Minimum Technical BS degree. Two years experience

Associate Engineer

Independently builds designs that are generated by others. Independently determines the functionality of the bread or brass boards. Independently generates test procedures to verify performance. Analyses and devises best methods for production and test. Works with others to evolve designs.

Education / Experience required: Minimum 2-year technical degree or equivalent Military training. Two years experience.

Senior Technician

Independently builds, analyses, and tests engineering designs and production test fixtures. Performs independent onsite work. Uses various design verification tools. Supervises others on various tasks. Writes and verifies testing procedures. Verifies QA actions and assure objectives are met.

Education / Experience required: Minimum 2- year technical degree or equivalent Military training. Five years experience.

Technician

Builds and analyses designs of electronic and electrical systems. Works with other engineers and technicians to create reproducible designs. Designs and performs various functional tests.

Education / Experience required: Minimum 2-year experience as junior technician. HS graduation or equivalent required.

Junior Technician

Performs final assembly and testing of electronic and electrical products and systems. Maintains QA documentation.

Education / Experience required: Minimum of HS graduation or equivalent. Three months on the job training.

Senior Draftsman

Creates original designs using Solid Works (3D), ORCAD, and or AutoCAD. Works with engineers and technicians to create designs and production documentation. Validates the designs of others. Works with machinist and others to construct designs.

Education / Experience required: Minimum of HS graduation or equivalent. Specialized training and demonstrated proficiency in CAD packages. Minimum of five years experience required.

Draftsman

Creates designs using AutoCAD or ORCAD that may be with the assistance of others. Works with others to build and verify designs and make documentation corrections.

Education / Experience required: Minimum of HS graduation or equivalent. Specialized training and demonstrated proficiency in CAD packages. Two years experience.

Production Manager

Is responsible for managing personnel and material to meet production requirements for electronic equipment. Required to meet testing and quality requirements.

Education / Experience required: Minimum of a BS / BA technical or business degree. Five years experience in technical production operations required.