

# Federal Supply Schedule

## Authorized Federal Supply Schedule

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!™ is <http://www.gsaadvantage.gov/>

### Rate Schedule for Alpha Beta Technologies, Inc

FSC Group, Part and Section or Standard Industrial Group: **871**

FSC Class(es)/Product Code(s) and/or Service Codes: **R425**

Contract Number: **GS-23F-0109S**

Contract Period: February 17, 2006 – February 16, 2011

Per Modification: FX51, P005

Revision Date: August 25, 2009

Business Size: Small Business, Small Disadvantage Business, Veteran-Owned and 8(a) Company

NAICS Codes: **541712, 541330**

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

Contractor's Name, Address, and Telephone Number:

Alpha Beta Technologies, Inc  
3325 B Triana Blvd  
Huntsville, AL 35805  
(256) 534-9067  
(256) 534-9069 fax  
[www.abt-hsv.com](http://www.abt-hsv.com)

Capabilities: Alpha Beta Technologies, Inc provides a myriad of engineering services in systems analysis and engineering, electronic systems design, layout, and rapid prototyping, and other technical services. Key capabilities include:

#### **Systems Analysis and Engineering**

Embedded Systems Software and Hardware  
Guidance Analysis  
Electronics and Computer Technology Support  
Image and Electromagnetic (EM) Signal Processing Support  
Radio Frequency (RF) Technology Support

#### **Rapid Prototyping and Product Development Engineering**

Electronics/Avionics/Visionics/Survivability Equipment  
Development  
Software Engineering, Development and Test  
Navigation and Control Support Equipment Development  
Product Assurance Support  
Production Engineering Support

Test Program Set (TPS) Development and Support  
Automated Test Equipment Development and Support  
Test and Evaluation

### Other Technical Services

On-Site Specialty Engineering & Technical Services  
Second Source Analysis & Validations  
Subject Matter Experts

### Customer Information

1a. Table of awarded special item number(s) with appropriate cross reference to page number(s):

- 871-1 Strategic Planning for Technology Programs/Activities
- 871-2 Concept Development and Requirements Analysis
- 871-3 System Design, Engineering and Integration
- 871-4 Test and Evaluation
- 871-5 Integrated Logistics Support
- 871-6 Acquisition and Life Cycle Management

1b. Identification of the lowest priced model number and lowest unit price that model for each special item number awarded in the contract: See rate table below.

2. Maximum Order: \$750,000.00 per SIN

3. Minimum Order: \$100.00

4. Geographic coverage: Worldwide

5. Point(s) of production (city, county, and State): Not Applicable

6. Discount from list prices or statement of net prices: None

7. Quantity discounts for commercial products:

For sales between \$200,000 and \$400,000	(0.25%)
For sales between \$400,001 and \$600,000	(0.50%)
For sales between \$600,001 and \$750,000	(0.75%)
For sales greater than \$750,000	(1.00%)

8. Prompt payment terms: none

9a. Notification that Government purchase cards are accepted up to the micro-purchase:

Alpha Beta Technologies accepts Government purchase cards below \$2,500.00 (the micro-purchase threshold.)

9b. Notification whether Government purchase cards are accepted or not-accepted above the micro-purchase threshold:

Alpha Beta Technologies accepts Government purchase cards over \$2,500.00 (the micro-purchase threshold.)

10. Foreign Items: Not applicable

11a. Time of delivery: To be determined on task order

- 11b. Expedited delivery: Items available for expedited delivery are noted in this price list
- 11c. Overnight and 2-day delivery: Not applicable
- 11d. Urgent requirements: Not applicable
12. F.O.B. Points: Destination, Worldwide
13. Ordering Address:
  - Alpha Beta Technologies, Inc
  - 3325 B Triana Blvd
  - Huntsville, AL 35805
14. Payment Address:
  - Alpha Beta Technologies, Inc
  - 3325 B Triana Blvd
  - Huntsville, AL 35805
15. Warranty Provision: None
16. Export packing charges: Not Applicable
17. Terms and Conditions of Government purchase cards acceptance:
  - Alpha Beta Technologies, Inc agrees to accept the government purchase card for purchases under \$2,500.00, as well as for purchases over \$2,500.00
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 parts indicating date of parts price lists and any discounts from price lists: Not Applicable
- 20a. Terms and Conditions for any other services: Not Applicable
21. List of service and distribution points: Worldwide
22. List of participating dealers: Not Applicable
23. Preventive Maintenance: Not Applicable
24. Environmental attributes: Not Applicable
25. Data Universal Number System (DUNS) Number: **876625013**
26. Notification regarding registration in Central Contractor (CCR) Database: Yes
  
27. This schedule was awarded in the Professional Engineering Discipline (PED) of Electrical Engineering (EE). It includes planning, design, development, evaluation and operation of electrical principles, models and processes. It includes but is not limited to the design, fabrication, measurement and operation of electrical devices, equipment and systems (e.g., signal processing, telecommunication, sensors, microwave and image processing, micro-fabrication, energy systems and control, micro and nano electronics, plasma processing, laser and photonics, satellites, missiles and guidance systems, space vehicles, fiber optics, robotics etc.). There are several specialties within the scope of work for electrical engineering. They include:

- Aerospace and Electronic Systems
- Antennas and Propagation
- Broadcast Technology
- Circuits and Systems
- Communications
- Components Packaging and Manufacturing Technology
- Computer\*
- Consumer Electronics
- Control Systems
- Dielectrics and Electrical Insulation
- Education
- Electromagnetic Compatibility
- Engineering in Medicine and Biology
- Engineering Management
- Geosciences and Remote Sensing
- Industrial Electronics
- Industry Applications
- Information Theory
- Instrumentation and Measurement
- Intelligent Transportation Systems
- Lasers and Electro-Optics
- Magnetics
- Microwave Theory and Techniques
- Neural Networks Council
- Nuclear and Plasma Sciences
- Oceanic Engineering
- Power Engineering
- Professional Communication
- Reliability
- Robotics and Automation
- Signal Processing on Social Implications of Technology
- Solid-State Circuits
- Systems, Man and Cybernetics
- Ultrasonics, Ferroelectrics and Frequency Control
- Vehicular Technology

### **SERVICES OFFERED UNDER PROFESSIONAL ENGINEERING SERVICES (PES) SCHEDULE.**

The types of services offered under the PES schedule are listed below according to their Special Item Number (SIN). Also included are examples of how the SIN may be used to complete an engineering project. *Please Note: Many different tasks can be performed under each Special Item Number. The sample scenarios below only scratch the surface of possibilities under this schedule and are only provided as illustrations to describe each SIN.*

### **871-1 STRATEGIC PLANNING FOR TECHNOLOGY PROGRAMS/ACTIVITIES**

Services available 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, privatization and outsourcing.

- **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. Inappropriate use of this SIN is providing professional engineering services not specifically related to strategic planning for technology programs/activities and its associated disciplines.*

### **871-2 CONCEPT DEVELOPMENT AND REQUIREMENTS ANALYSIS**

Services available 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 or enhancement of high level general performance specifications of a system, project, mission or activity. Typical tasks include, but are not limited to: requirements analysis, cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technological conceptual designs, training, privatization and outsourcing.

- **Example:** *The development and analysis of the total mission profile and life cycle of the improved satellite including examination of performance and cost tradeoffs. Inappropriate use of this SIN is providing professional engineering services not specifically related to concept development and requirements analysis and its associated disciplines.*

### **871-3 SYSTEM DESIGN, ENGINEERING AND INTEGRATION**

Services available 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, trace ability, 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, prototype fabrication, assembly and simulation, modeling, training, privatization and outsourcing.

- **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.*

*Inappropriate use of this SIN is providing professional engineering services not specifically related to concept development and requirements analysis and its associated disciplines.*

#### **871-4 TEST AND EVALUATION**

Services available 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) environmental testing, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept), system safety, quality assurance, physical testing of a product or system, training, privatization and outsourcing.

- **Example:** *The navigation satellite-working model will be subjected to a series of tests, which may simulate and ultimately duplicate its operational environment. Inappropriate use of this SIN is providing professional engineering services not specifically related to testing and evaluating and its associated disciplines.*

#### **871-5 INTEGRATED LOGISTICS SUPPORT**

Services available 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 life cycles. Typical associated tasks include, but are not limited to: ergonomic/human performance analysis, feasibility analysis, logistics planning, requirements determination for logistics, policy standards/procedures development, long-term reliability and maintainability, training, privatization and outsourcing.

- **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. Inappropriate use of this SIN is providing professional engineering services not specifically related to integrated logistics support and its associated disciplines.*

#### **871-6 ACQUISITION AND LIFE CYCLE MANAGEMENT**

Services available under this SIN involve all of the planning, budgetary, contract and systems/program management execution 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, privatization and outsourcing.

- **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. Inappropriate use of this SIN is professional engineering services not specifically related to acquisition and life cycle management and associated disciplines.*

### **Disaster Recovery**

State and local governments may use this schedule for disaster recovery as provided for in section 833 of the National Defense Act for Fiscal Year 2007 for SINs 871 4RC, 871 3RC, and 871 2RC. Specifically it authorizes the use of federal Supply Schedules by state and local governments to facilitate recovery from major disasters, terrorism, nuclear, biological, chemical, and radiological attacks.

## Labor Rates

### Alpha Beta Technologies Corporate Site

### Base Period Prices

LABOR CATEGORY	2-16-2007	2/16/2008	2/16/2009	2/16/2010
	2/15/2008	2/15/2009	2/15/2010	2/15/2011
Program Director			\$ 176.54	\$ 181.84
Program Manager I	\$ 114.63	\$ 118.07	\$ 121.61	\$ 125.26
Program Manager II	\$ 138.92	\$ 143.09	\$ 147.38	\$ 151.80
Program Manager III	\$ 148.74	\$ 153.20	\$ 157.80	\$ 162.53
Project Manager I	\$ 105.31	\$ 108.47	\$ 111.72	\$ 115.08
Project Manager II	\$ 117.67	\$ 121.20	\$ 124.84	\$ 128.58
Administrative Support I	\$ 42.84	\$ 44.13	\$ 45.45	\$ 46.81
Administrative Support II			\$ 54.49	\$ 56.12
Senior Engineer Scientist			\$ 153.00	\$ 157.59
Principle Engineer	\$ 122.55	\$ 126.23	\$ 130.01	\$ 133.91
Software Engineer I	\$ 79.42	\$ 81.80	\$ 84.26	\$ 86.78
Software Engineer II	\$ 120.23	\$ 123.84	\$ 127.55	\$ 131.38
Programmer Analyst I			\$ 47.50	\$ 48.93
Programmer Analyst II			\$ 85.76	\$ 88.33
Senior Engineer I	\$ 98.75	\$ 101.71	\$ 104.76	\$ 107.91
Senior Engineer II	\$ 104.86	\$ 108.01	\$ 111.25	\$ 114.58
Senior Engineer III	\$ 121.22	\$ 124.86	\$ 128.60	\$ 132.46
Senior Engineer IV			\$ 130.27	\$ 134.18
Engineer I	\$ 84.15	\$ 86.67	\$ 89.27	\$ 91.95
Engineer II	\$ 92.17	\$ 94.94	\$ 97.78	\$ 100.72
Engineer III	\$ 101.39	\$ 104.43	\$ 107.56	\$ 110.79
Junior Engineer	\$ 69.64	\$ 71.73	\$ 73.88	\$ 76.10
Entry-Level Engineer	\$ 54.94	\$ 56.59	\$ 58.29	\$ 60.03
Co-Op Engineer	\$ 28.43	\$ 29.28	\$ 30.16	\$ 31.07
Technical Specialist	\$ 72.79	\$ 74.97	\$ 77.22	\$ 79.54
Junior Technical Specialist	\$ 54.85	\$ 56.50	\$ 58.19	\$ 59.94
Engineer II	\$ 114.63	\$ 118.07	\$ 121.61	\$ 125.26

**Alpha Beta Technologies**  
**Government Site Rates**

Labor category	2/16/2007	2/16/2008	2/16/2009	2/16/2010
	2/15/2008	2/15/2009	2/15/2010	2/15/2011
Program Director			\$160.90	\$165.73
Program Manager I	\$104.48	\$107.62	\$110.85	\$114.17
Program Manager II	\$126.63	\$130.43	\$134.34	\$138.37
Program Manager III	\$135.58	\$139.64	\$143.83	\$148.15
Project Manager I	\$95.99	\$98.87	\$101.83	\$104.90
Project Manager II	\$107.26	\$110.47	\$113.79	\$117.20
Administrative Support I	\$39.05	\$40.22	\$41.43	\$42.67
Administrative Support II			\$49.67	\$51.16
Senior Engineer Scientist			\$139.45	\$143.63
Principle Engineer	\$111.70	\$115.06	\$118.50	\$122.06
Software Engineer I	\$72.39	\$74.56	\$76.80	\$79.10
Software Engineer II	\$109.59	\$112.87	\$116.26	\$119.75
Programmer Analyst I			\$43.30	\$44.60
Programmer Analyst II			\$75.47	\$77.73
Senior Engineer I	\$90.01	\$92.71	\$95.49	\$98.35
Senior Engineer II	\$95.58	\$98.45	\$101.40	\$104.44
Senior Engineer III	\$110.49	\$113.81	\$117.22	\$120.74
Senior Engineer IV			\$118.74	\$122.30
Engineer I	\$76.70	\$79.00	\$81.37	\$83.81
Engineer II	\$84.01	\$86.54	\$89.13	\$91.81
Engineer III	\$92.42	\$95.19	\$98.04	\$100.99
Junior Engineer	\$63.48	\$65.38	\$67.34	\$69.37
Entry-Level Engineer	\$50.08	\$51.58	\$53.13	\$54.72
Co-Op Engineer	\$25.91	\$26.69	\$27.49	\$28.32
Technical Specialist	\$66.35	\$68.34	\$70.39	\$72.50
Junior Technical Specialist	\$50.00	\$51.50	\$53.04	\$54.64
Engineer II	\$104.48	\$107.62	\$110.85	\$114.17

**\*Criteria for government site rates**

**Alpha Beta Technologies, Inc has provided discounted rates for tasks performed at government sites. Such work must be performed on a sufficiently continuous basis such that the customer will provide office space, supplies, reproduction, telephone service, laboratory or automated data processing facilities, as required, for the performance of the contract. A sufficiently continuous basis if further clarified as offsite at a customer location for a period of three consecutive months for each assigned employee with no onsite (ABT) facility costs.**

# Alpha Beta Technologies, Inc

## Labor Category Descriptions

GS 23F-0109S

### Program Director

**Overview:** Directs the performance of a variety of related projects, which may be organized by technology, program or client. Ensures that all required resources, including manpower, production standards, computer time and facilities are available for program implementation. Provides expert technical and managerial leadership and direct support for problem definition, analysis, requirements development, and implementation of complex projects and programs. Oversees the technology development or application, marketing and resource allocation within program client base. Responsible for the effective management of funds and personnel and is accountable for the quality and timely delivery of all contractual items. Ensures that all required resources, including manpower, production standards, computer time and facilities are available for program implementation.

**Reports To:** President

**Education:** Masters degree or equivalent in engineering, business management or contracts management with 20 years experience

### Program Manager

**Overview:** Responsible for the effective management of funds and personnel and is accountable for the quality and timely delivery of all contractual items. Operates within client guidance, contractual limitations, and company business and policy directives. Serves as the focal point of contact with client regarding program activities. Provides expert guidance in the areas of budget management, cost containment and scheduling. Manages program consisting of multiple projects including project identification, design, development, and delivery. Confers with the Project Manager to provide technical advice and to assist with problem resolution. May perform other duties as assigned.

**Reports to:** President

**Education:** **Program Manager I:** Bachelors' degree in engineering, business management, or contracts management and 15 years of related experience.

**Program Manager II:** Bachelors' degree in engineering, business management, or contracts management and 18 years of related experience.

**Program Manager III:** Master's degree and 18 years of related experience.

### Project Manager

**Overview:** Manages project operations. Ensures production schedules are met. Ensures system resources are used effectively. Ensures that proper relationships are

established between customers, teaming partners, and vendors to facilitate the delivery of services. Supervises staff operations.

Reports to: Program Manager

Education: **Project Manager I:** Bachelors degree, 10 years general experience, 3 in task area.

**Project Manager II:** Bachelors degree, 12 years general experience, 5 years in task area.

### **Administrative Support**

Overview: Provides administrative support to technical and management-level personnel. This includes documentation planning and support, project administration, general office support, executive secretarial support, human resource planning, event planning and administration, office relocation planning, mail services, records and data input. May perform other duties as assigned.

Education: **Administrative Support I:** Bachelors degree or equivalent and 5 years general experience.  
**Administrative Support II:** Bachelors degree or equivalent and 10 year's experience.

### **Senior Engineer/Scientist**

Overview: Provides administrative and technical leadership in completion of multiple contracts. Has primary responsibility for hardware/software design, integration, cost, schedule, and overall performance. Plan and procure necessary staff to achieve work completion milestones and deliverables. Directs investigation and resolution of operational problems in conjunction with other engineering and technical personnel. Develop detailed staffing requirements, assignments, and plans to meet customer needs. Is the Subject Matter Expert for assigned projects.

Reports to: President

Education: Masters degree or equivalent in engineering and 20 years experience, with at least 10 years experience in hardware/software design, integration, and testing.

### **Principal Engineer**

Overview: Plans, organizes and directs all engineering-related aspects of contract fulfillment. Works closely with the Chief Operating Officer to help prevent cost overruns, correct invoicing of labor hours for their project(s) and to appropriately allocate all materials. Provides expert consultation in one or more areas of design, development, and implementation of technical products and systems. Recognized as a technical leader. Subject Matter Expert for assigned projects. Relies on

extensive experience and judgment to plan and accomplish goals. Leads and directs the work of others. Must be creative.

Reports to: President/Program Manager as appropriate

Education: **Principal Engineer:** Bachelors degree and 20 years experience.

## **Software Engineer**

Overview: Provides expert judgment, analysis and consultation in for the design, development and implementation of software products and their integration into systems. Resolves highly complex technical issues and conducts advanced research. Recommends alterations to the design to improve the quality of the product or system. Is knowledgeable about many of the field's concepts, practices, and procedures. Leads the work of others. The Software Engineer is responsible for the formulation of the opinions, decisions and ultimate performance of software task specified by the contract. Relies on extensive experience and judgment to plan and accomplish goals. Works with the team to help ensure successful completion of contract objectives. A high degree of creativity and flexibility is expected in the position.

Reports to: The Program Manager/Principal Engineer as appropriate.

Education: **Software Engineer I:** Bachelor's degree in software engineering and a minimum of 5 years of experience.

**Software Engineer II:** Master's degree and a minimum of 8 years of experience.

## **Programmer Analyst**

**Overview:** Works independently, with management review of end results. Has prime accountability for the maintenance and operating efficiency of a major subsystem, such as the teleprocessing network, database management systems or a GIS data application or integration. Continually assess the performance of appropriate software systems to identify and correct problems which impact operation efficiency and work quality. Maintains active liaison with user personnel to ensure continuing responsiveness of applicable system software user requirements. Analyzes performance indicators such as system's response time and number of programs being processed to ensure operational efficiency. Designs, codes, installs, and maintains appropriate systems software program. Identifies, evaluates, tailors, and directs the implementation of vendor-supplied software packages. Performs special system regenerations where applicable to reflect changes in peripheral configuration. Ensures the maintenance of adequate software systems documentation. Recommends to management the purchase or lease of system software packages and related hardware. Provides technical assistance to less experienced systems software personnel in the resolution of complex system-related problems. Trains users in applications programming and other user personnel in the use of systems software and related hardware. May perform other duties as assigned.

**Reports to:** Project manager

**Education:** **Programmer Analyst I:** Bachelors degree or equivalent and 2 years experience.

**Programmer Analyst II:** Bachelors degree and 6 years experience.

## **Senior Engineer**

**Overview:** Provides expert judgment, analysis and consultation in for the design, development and implementation of technical products and systems. Resolves highly complex technical issues and conducts advanced research. Recommends alterations to the design and development to improve the quality of the product or system. Is knowledgeable about many of the field's concepts, practices, and procedures. Leads the work of others. The Senior Engineer is responsible for the formulation of the opinions, decisions and ultimate performance of the task specified by the contract. Relies on extensive experience and judgment to plan and accomplish goals. Works with the team to help ensure successful completion of contract objectives. A high degree of creativity and flexibility is expected in the position.

**Reports to:** The Program Manager/Principal Engineer as appropriate.

**Education:** **Senior Engineer I:** Bachelor's degree in engineering and a minimum of 13 years of experience.

**Senior Engineer II:** Bachelor's degree in engineering and a minimum of 15 years of experience.

**Senior Engineer III:** Master's degree or equivalent in engineering and a minimum of 17 years of experience.

**Senior Engineer IV:** Masters degree or equivalent in engineering and 20 years experience.

## **Engineer**

**Overview:** Responsible for the design, development, implementation, and analysis of technical products and systems. May develop a range of products. Performs engineering design evaluations. Recommends alterations to the design or variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Creativity and flexibility are expected.

**Reports to:** The Principal Engineer

**Education:** **Engineer I:** Bachelor's degree in engineering and a minimum of 5 years of experience.

**Engineer II:** Bachelor's degree in engineering and a minimum of 10 years of experience.

**Engineer III:** Bachelor's degree in engineering and a minimum of 12 years of experience.

## **Junior Engineer**

**Overview:** Responsible for design, development, implementation, and analysis of technical products and systems. Recommends alterations to design and development to improve quality of products or services. Familiar with standard concepts, practices, and procedures within a particular field and is able to rely on some experience and judgment to accomplish tasks. Must be able to work independently while receiving guidance from higher lever managers or engineers. Supports the team in fulfilling the requirements of the contract.

**Reports to:** The Principal Engineer

**Education:** Bachelor's degree in engineering and a minimum of 4 years of experience.

## **Entry Level Engineer**

**Overview:** Responsible for design, development, implementation, and analysis of technical systems. Performs design evaluations. Recommends alterations to improve the quality of products and / or system. Relies on instructions and pre-established guidelines to perform the function of the job.

**Reports to:** Senior Engineer and Project Manager

Education: Bachelor's degree in engineering and 0 years of experience.

### **Co-Op Engineer**

Overview: Responsible for assisting all levels of engineers with their tasks and assignments. Must be familiar with basic common terms and procedures.

Reports to: Manager or Supervisor

Education: Must be enrolled and completed 1 year of education at an ABET-accredited program of engineering study. Must have a 3.0 GPA on a 4.0 scale and be enrolled in an official cooperative education/training program at an accredited college or university.

### **Senior Technical Specialist**

Overview: Responsible for design, development, implementation, and analysis of technical systems. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. May also work independently on certain projects.

Reports to: Principle Engineer

Education: Must have a high school diploma or GED certificate and a minimum of 10 years experience.

### **Technical Specialist**

Overview: Responsible for design, development, implementation, and analysis of technical systems. Familiar with a variety of the field's concepts, practices, and performs a variety of complicated tasks. Relies on experience and judgment to plan and accomplish goals.

Reports to: Senior Engineer or Senior Technical Specialist

Education: Must have a high school diploma or GED Certificate and a minimum 5 years experience.

### **Junior Technical Specialist**

Overview: Responsible for design, development, implementation, and analysis of technical systems. Familiar with a variety of the field's concepts, practices, and procedures. Relies primarily on pre-established guidelines to plan and accomplish goals. Performs a variety of complicated tasks. Typically receives guidance from higher level managers and technical specialists. Supports the team in ensuring requirements of the contract are met.

Reports to: Senior Engineer or Senior Technical Specialist

Education: Must have a high school diploma or GED and 2 years experience.

Equivalency:

Education may be substituted for experience and vice versa as follows:

PhD = 2 Years

MS = 2 Years

BS = 4 Years