

Federal Supply Service

Authorized Federal Supply Schedule Price List

For more information on ordering from Federal Supply Schedules go to the GSA Schedules page at GSA.gov. On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA Advantage!™, a menu-driven database system. The INTERNET address for GSA Advantage!™ is: <http://www.GSAAdvantage.gov>.

Multiple Award Schedule

FSC Group: **Professional Services**

Contract number: **GS-10F-0187T**

Contract period: **March 14, 2017 – March 13, 2022**

Georgia Tech Applied Research Corporation
926 Dalney Street, NW
Atlanta, GA 30318

Gary LaRue, GSA Business Manager
Phone: (404) 407-8214
Fax: (404) 407- 7888

Contractor's internet address/web site where schedule information can be found (as applicable): <http://www.gtri.gatech.edu>

Contract Administrator:
Lakita Brooks, Division Manager
Phone: (404) 894-6923
Fax: (404) 894-5945
Email: lbrooks@gatech.edu

Business size: **Large**

Price list current as of Modification No. PS-0036, effective April 12, 2021

CUSTOMER INFORMATION

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

SINs	SIN Title
541330ENG	Engineering Services
541380	Testing Laboratories
541420	Engineering System Design and Integration
541715	Engineering Research and Development and Strategic Planning
OLM	Order-Level Materials (OLM's)

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. **See description of job titles found immediately below Contractor's labor rate schedule.**

2. Maximum order: **\$1,000,000**

3. Minimum order: **\$100.00**

4. Geographic coverage (delivery area). **Domestic**

5. Point(s) of production (city, county, and State or foreign country). **Same as Company address**

6. Discount from list prices or statement of net price. **Government Net Prices (discounts already deducted.)**

7. Quantity discounts. **None**

8. Prompt payment terms. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions. **Net 30 days**

9. Foreign items (list items by country of origin). **Not Applicable**

- 10a. Time of delivery: **To Be Determined at the Task Order level**
- 10b. Expedited Delivery. Items available for expedited delivery are noted in this price list. **Contact Contractor**
- 10c. Overnight and 2-day delivery. **Contact Contractor**
- 10d. Urgent Requirements. **Contact Contractor**
11. F.O.B. point(s). **Destination**
- 12a. Ordering address(es). **Same as Contractor Address**
- 12b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.
13. Payment address(es). **Same as Contractor Address**
14. Warranty provision. **None**
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). **Not Applicable**
- 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). **Not Applicable**
19. List of service and distribution points (if applicable). **Not Applicable**
20. List of participating dealers (if applicable). **Not Applicable**
21. Preventive maintenance (if applicable). **Not Applicable**
- 22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants). **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**

23. Data Universal Number System (DUNS) number. **36-412-4651**

24. Notification regarding registration in System for Award Management (SAM) database. **Contractor registered and active in SAM**

Service Contract Labor Standards Matrix:

Service Contract Labor Standards (SCLS) Matrix		
Contract Labor Category	Equivalent Code - Title	WD Number
Technician, Senior	30085 - Engineering Technician V	2015-4471
Technician, Intermediate	30083 - Engineering Technician III	2015-4471
Technician, Junior	30081 - Engineering Technician I	2015-4471
Draftsperson	30063 - Drafter/CAD Operator III	2015-4471
Administrative Assistant	01020 - Secretary III	2015-4471
Secretary/Clerical	01112 - General Clerk II	2015-4471
COOP	30081 - Engineering Technician I	2015-4471

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 this pricelist are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS/SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide).

SINs: 541330ENG, 541380, 541420, & 541715 Labor Categories	Contractor Site	Government Site
	Year 15 3/14/2021 to 3/13/2022	Year 15 3/14/2021 to 3/13/2022
SME, Electrical/Electronic Systems	\$405.09	\$371.26
Engineer, Electrical/Electronic, Senior	\$277.43	\$254.39
Engineer, Electrical/Electronic, Inter.	\$227.08	\$208.30
Engineer, Electrical/Electronic, Entry	\$166.63	\$152.97
SME, Mechanical Systems	\$405.07	\$371.26
Engineer, Mechanical, Senior	\$265.24	\$243.25
Engineer, Mechanical, Intermediate	\$214.47	\$196.75
Engineer, Mechanical, Entry	\$165.29	\$151.74
Engineer, Software, Senior	\$270.64	\$248.20
Engineer, Software, Intermediate	\$218.98	\$200.88
Engineer, Software, Entry	\$165.29	\$151.74
Computer Scientist, Senior	\$248.29	\$227.74
Computer Scientist, Intermediate	\$192.80	\$176.93
Computer Scientist, Entry	\$116.94	\$108.28
Computer Systems Analyst, Senior	\$241.52	\$221.54
Technician, Senior	\$150.37	\$138.09
Technician, Intermediate	\$133.08	\$122.23
Technician, Junior	\$82.00	\$75.47
Engineer, Human Factors, Inter.	\$214.48	\$196.75
Engineer, Manufacturing, Senior	\$272.04	\$249.45
Engineer, Materials, Senior	\$272.04	\$249.45
Engineer, Materials, Intermediate	\$209.96	\$192.65
Engineer, Quality/RAM, Senior	\$218.98	\$200.88
Engineer, Systems, Senior	\$316.35	\$290.04
Engineer, Systems, Intermediate	\$241.52	\$221.54
Engineer, Systems, Entry	\$182.90	\$167.86
Engineer, Test, Senior	\$223.45	\$205.02
Engineer, Test, Intermediate	\$201.85	\$185.18
Engineer, Environmental	\$189.68	\$174.04
Program Designer	\$160.91	\$147.73
Analyst, Data	\$149.92	\$137.65
Analyst, Operation & Research, Entry	\$185.22	\$169.98
Analyst, Operation & Research, Sr.	\$203.17	\$186.41
Training Specialist, Senior	\$192.02	\$176.22
Training Specialist	\$160.77	\$147.59
Draftsperson	\$121.71	\$111.85
Writer, Technical, Intermediate	\$145.54	\$133.66
Manager, Program	\$353.11	\$323.69
Project Director	\$292.36	\$268.04
Administrative Assistant	\$98.67	\$90.75
Secretary, Clerical	\$51.34	\$47.41
GRA	\$94.90	\$88.92
COOP	\$54.54	\$50.34

LABOR CATEGORY DESCRIPTIONS

Electrical Engineering Labor Categories

Subject Matter Expert, Electrical/Electronic Systems -- Electrical/Electronic Systems Subject Matter Experts (SME) shall have a MS or PhD in Electrical/Electronic Engineering, Computer Science/ Engineering, Physics, or Mathematics, fifteen years of progressive experience in complex electrical or electronic systems, and be recognized by the engineering community as an expert in electrical/electronic systems. The SME must have demonstrated skills and expertise in the development of concepts, techniques, and applications that advance the state-of-the-art and contribute to the development of effective system/subsystem designs. He/she must have demonstrated skills and expertise in the development of technical electrical/electronic system and subsystem requirements, based on operational scenarios, across all phases of system development (including concept exploration, design, integration, test, and fielding) for highly complex systems/subsystems.

Engineer, Electrical/Electronic, Senior -- Senior Electrical/Electronic Engineers shall have a BS in Electrical/Electronic Engineering, Physics, or Mathematics, plus ten years of progressive experience in complex electrical or electronic systems. An MS degree in Electrical/Electronic Engineering can be substituted for 2 years of general experience. Six of the ten years of experience shall include concept formulation, design, development, integration, and test of complex electrical/electronic systems, plus three of those years shall be related to supervising design, development, integration, and test of hardware projects.

Engineer, Electrical/Electronics, Intermediate -- The Intermediate Electrical/Electronic Engineer shall have a BS in Electrical/Electronic Engineering, Physics, or Mathematics, plus: five years of progressively more complex experience in the design, development, integration, and analysis of electrical or electronic hardware projects. An MS degree in Electrical/Electronic Engineering can be substituted for 2 years of general experience.

Engineer, Electrical/Electronics, Entry -- The Entry Electrical/Electronic Engineer shall have a BS in Electrical/Electronic Engineering, Physics, or Mathematics, or a related discipline, and have the technical background and skills to perform in all phases of hardware design, development, test, analysis, and documentation.

Mechanical Engineering Labor Categories

Subject Matter Expert, Mechanical Systems -- Mechanical Systems Subject Matter Experts (SME) shall have a MS or PhD in Mechanical, Civil, Architectural Engineering or a related engineering discipline, or a BS in Physics or Mathematics, fifteen years of progressive experience in complex mechanical or structural systems, and be recognized by the engineering community as an expert in mechanical systems. The SME must have demonstrated skills and expertise in the development of concepts, techniques, and applications that advance the state-of-the-art and contribute to the development of effective structure/system/subsystem designs. He/she must have demonstrated skills and expertise in the development of technical mechanical system and subsystem requirements, based on operational scenarios, across all phases of system development (including concept exploration, design, integration, test, and fielding) for highly complex systems/subsystems.

Engineer, Mechanical, Senior -- The Senior Mechanical Engineer shall have a BS in Mechanical, Civil, Architectural Engineering or a related engineering discipline, or a BS in Physics or Mathematics plus ten years of progressive experience in design, development, test, and integration of complex mechanical and/or structural systems. An MS degree in Mechanical Engineering can be substituted for 2 years of general experience. Six of the ten years of experience shall include concept formulation, design, development, integration, and test of complex hardware/mechanical/structural systems, plus three of those years shall be related to supervising design, development, integration, and test of hardware projects.

Engineer, Mechanical, Intermediate -- The Intermediate Electrical/Electronic Engineer shall have a BS in Mechanical, Civil, Architectural Engineering or a related engineering discipline, or a BS in Physics or Mathematics plus: five years of progressively more complex experience in the design, development, integration, and analysis of mechanical or structural hardware projects. An MS degree in Mechanical Engineering can be substituted for 2 years of general experience.

Engineer, Mechanical, Entry -- The Entry Mechanical Engineer shall have a BS in Mechanical, Civil, Architectural Engineering or a related engineering discipline, or a BS in Physics or Mathematics and have the technical background and skills to perform in all phases of hardware design, development, test, analysis, and documentation.

Labor Categories Incidental to and in Support of PES

Engineer, Software, Senior -- Senior Software Engineers shall have a BS in Engineering, Computer Science, Physics, Mathematics, or Science plus a minimum of ten years of progressive experience in computer modeling and simulation, client-server architectures, advanced networking techniques and protocols, data bases and data base management systems, high-order programming languages, and operating systems. The Senior Software Engineer shall have at least five years of supervising software design and development projects, technical expertise and guidance in solving complex software engineering problems, and be able to perform in all phases of software design, development, integration/ implementation , analysis, and test.

Engineer, Software, Intermediate -- The Software Engineer shall have a BS in Engineering, Computer Science, Physics, Mathematics, or Science plus: at least five years of progressive experience in computer modeling and simulation, client-server architectures, advanced networking techniques and protocols, data bases and data base management systems, high-order programming languages, and operating systems.

Engineer, Software, Entry -- The Entry Software Engineer shall have a BS in Engineering, Computer Science, Physics, Mathematics, or Science, and have the technical background and skills to perform in all phases of software design, development, test, analysis, documentation, and implementation.

Computer Scientist, Senior -- The Senior Computer Scientist must have a BS or BA in a computer-related discipline, engineering, mathematics, or science plus at least twelve years of computer-related experience. The Senior Computer Scientist performs software engineering and programming for large computer-, minicomputer-, and microprocessor-based applications, analyses of system requirements, and development of operational software subsystems. The Senior Computer Scientist must have extensive background in requirements analysis; design, and coding methodologies; documentation standards; configuration management; test and evaluation requirements; experience in both real-time operating systems and distributed systems; timing, sizing, and performance analysis; data base design and management; and resource utilization assessment. The Senior Computer Scientist shall have a background in both machine and assembly languages.

Computer Scientist, Intermediate -- The Computer Scientist must have a BS or BA in a computer-related discipline, engineering, mathematics, or science plus a minimum of five years of computer-related experience. The Computer Scientist performs programming for large computer-, minicomputer-, and microprocessor-based applications and development of operational software subsystems. The Computer Scientist must have experience in requirements analysis; design, and coding methodologies; documentation standards; configuration management; test and evaluation requirements; experience in both real-time operating systems and distributed systems; timing, sizing, and performance analysis; and data base design and management. Experience with machine and assembly as well as high-order languages is required.

Computer Scientist, Entry -- The Entry Computer Scientist must have a BS or BA in a computer-related discipline, engineering, mathematics, or science. He/she must have demonstrated capabilities in programming for various computers. He/she should have knowledge of and skills for requirements analysis; design, and coding methodologies; data base design approaches; documentation standards; and test and evaluation requirements.

Computer Systems Analyst, Senior -- The Senior Computer Systems Analyst shall have a Bachelors degree (BS or BA) in Computer Science, Information Systems, Engineering, Physics, Mathematics, or a related scientific or technical discipline. A minimum of ten years general computer experience is required to include five years of specialized experience in the analysis and design of application programs on complex, large-scale systems, experience in data base management concepts, knowledge of state-of-the-art storage and retrieval methods (including cloud storage technology), and a demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs. The Senior Computer Systems Analyst shall develop plans for ADP systems from project inception to conclusion, to include defining the problem, developing system requirements and program specifications, and development of computer systems architectures.

Technician, Senior -- The Senior Electronics Technician shall have an Associate Degree in Electronic Technology or a computer school and a minimum of ten (10) years total experience in the testing of electronic equipment of which four (4) years shall include experience in the testing and troubleshooting of electronic subsystem installations. The Senior Electronics Technician shall also have three (3) years of supervisory experience supervising the work of other technicians.

Technician, Intermediate -- The Intermediate Electronics Technician shall have graduated from a technical, a computer school, or service schools and have six (6) years of total experience with the testing of electrical and electronic systems, subsystems, and equipment. The Intermediate Electronics Technician performs installation, test, preventive maintenance, troubleshooting, and repair for electrical and electronics equipment, large computers, minicomputers, or microprocessors, and complex networked environments.

Technician, Junior -- The Junior Electronics Technician must have a High School Diploma. He/she will perform installation, test, preventive maintenance, troubleshooting, and repair for electrical and electronics equipment, large computers, minicomputers, or microprocessors, including buses for those in a networked environment.

Engineer, Human Factors, Intermediate -- The Intermediate Human Factors Engineer shall have a BS in Engineering Psychology or Industrial Psychology with a concentration in Human Factors, plus: a minimum of five years of Human Factors Engineering research with respect to the development and deployment of complex man-machine interface systems. An advanced degree in Engineering Psychology or Industrial Psychology (MS or PhD) can be substituted for 3 years of general experience. The

Human Factors Engineer must have expertise in MANPRINT and a working knowledge of MIL-STDs, MIL-HDBKs, and other current governing documentation covering Human Engineering Guidelines and Design Criteria for Military System, Equipment and Facilities. He/she must have knowledge of the parameters of human cognition including serial and parallel processing, visual perception, attention allocation, reaction-time tasks and speed accuracy tradeoffs.

Engineer, Information, Senior – The Senior Information Engineer shall have a BS in Engineering, Computer science, Physics, Mathematics, or Science plus a minimum of ten years of progressive experience in information theory, information analysis, information operations, and cyberspace attack and defense techniques. The Senior Information Engineer shall have at least five years of supervising projects with significant information and/or cyberspace focus. An MS in any of the above disciplines may substitute for two years of progressive experience.

Engineer, Information, Intermediate -- The Intermediate Engineer shall have a BS in Engineering, Computer Science, Physics, Mathematics, or Science plus a minimum of five years of progressive experience in information theory, information analysis, information operations, and cyberspace attack and defense techniques. The Intermediate Information Engineer shall have at least two years of leading a project task with significant information and/or cyberspace focus. An MS in any of the above disciplines may substitute for two years of progressive experience.

Engineer, Manufacturing, Senior -- The Senior Manufacturing Engineer shall have a BS in Engineering, Physics, or Mathematics plus a minimum of ten years of progressive experience in a concurrent engineering and manufacturing environment. An MS degree in Engineering, Physics, or Mathematics) can be substituted for 2 years of general experience. Experience should include the full range of manufacturing tasks including planning, understanding of military specifications and certifications, raw material selection and evaluation, engineering change process, design modification, use of CAD/CAM and MRP systems, tooling, manufacturing process development, and lifecycle support considerations. In addition, the Senior Manufacturing Engineer should have at least three years supervisory experience in a manufacturing and design environment.

Engineer, Materials, Senior -- The senior materials engineer shall have BS in Materials Science, Engineering, Physics, or a related technical discipline, at least eight years of general materials engineering experience, plus five years of progressive experience in the design of composites, polymer, and other materials such as graphite-graphite, kevlar, tungsten-boron, fiberglass- aluminum honeycomb, plastics, elastomers, resins, as well as working knowledge of emerging nanomaterials, etc. An MS degree in Materials Science, Engineering, Physics, or a related technical discipline can be substituted for 2 years of general experience. He/she must have experience and skills necessary to provide technical expertise and guidance in solving complex engineering problems; plan, organize, and conduct tests to determine material composition, reaction of materials to different chemicals, and performance of materials under various operational conditions; develop nondestructive inspection (NDI) methods,

technologies, and tools from the classic methods to innovative new methods for advanced composites; perform in all phases of material development, integration/implementation, and analysis; develop standards and guidelines for tasks being performed; and interface with government personnel. The Senior Materials Engineer should have at least three years supervisory experience.

Engineer, Materials, Intermediate -- The Intermediate Materials Engineer shall have a BS in Materials Science, Engineering, Physics, or a related technical discipline, at least five years of general materials engineering experience, plus three years of progressively more complex assignments in the design, development, integration, analysis, and NDI testing of materials.

Engineer, Quality/RAM, Senior -- The Senior RAM/Quality Engineer shall have a BS in Engineering, Mathematics, Physics, or Physical Sciences with at least ten (10) years of engineering experience, to include the engineering knowledge of probability, reliability, statistical analysis methods, sampling and test and evaluation techniques, data collection and familiarity with applicable regulations and standards, as well as an overall understanding of availability and maintainability factors and issues.. At least three (3) years of experience must have been in the areas of government development and operational testing; other contractor testing to include first article, environmental and performance testing at both component and system levels; preparation, review and analysis of failure reports, verification of corrective actions; requirements validation and their translation and trace to technical requirements and test specifications; preparation and review of detailed test plans/procedures/reports. An MS degree in Engineering, Mathematics, Physics, or Physical Sciences can be substituted for 2 years of general experience.

Engineer, Systems, Senior -- Senior Systems Engineers shall have a BS in Engineering, Physics, or Mathematics, plus a minimum of ten years of progressive experience in all phases of design, development, test, and integration of complex systems. An MS degree in Engineering, Physics, or Mathematics can be substituted for 2 years of general experience. Four of the years of experience shall include experience in development and integration of concepts that involve requirements, design, development, production, testing, training and logistics support in all phases of the life-cycle acquisition; all aspects of the technical program that involve trade-offs of performance, life-cycle cost, risk, producibility, supportability, testability and engineering requirements; performing reviews of requirements and translating them into technical specifications of equipment, software, facilities, data and personnel. The Senior Systems Engineer shall have three years of experience in supervising design, development, integration, and test of hardware projects.

Engineer, Systems, Intermediate -- Intermediate Systems Engineers shall have a BS in Engineering, Physics, or Mathematics, plus five years of progressive experience in all phases of design, development, test, and integration of complex systems. Two years of specialized experience is required in any of the following areas: development and integration of concepts that involve requirements, design, development, production, testing, training and logistics support in various phases of the life-cycle acquisition;

conducting trade-off studies of performance, life-cycle cost, risk, producibility, supportability, testability and engineering requirements; developing requirements and technical specifications of equipment, software, facilities, and data.

Engineer, Systems, Entry -- The Entry Systems Engineer shall have a BS in Engineering, Physics, or Mathematics, plus skills to support the design, development, test, and integration of complex systems.

Engineer, Test, Senior -- The Senior Test Engineer shall have a BS in Engineering or Physics plus ten years of progressive experience in the testing of complex mechanical, electromechanical and electrical/electronic systems. An MS degree in Engineering or Physics can be substituted for 2 years of general experience. He/she must have experience and skills necessary to provide highly technical expertise and skills for design and performance of tests on complex mechanical, electromechanical and electrical/electronic systems; tests may include environmental parameters; participate in hardware and/or software systems test evaluations; develop standards and guidelines for tasks being performed; and interface with government personnel.

Engineer, Test, Intermediate -- The Intermediate Test Engineer shall have a BS in Engineering or Physics plus five years of progressive experience in the testing of complex mechanical, electromechanical and electrical/electronic systems. An MS degree in Engineering or Physics can be substituted for 3 years of general experience. He/she must have experience and skills in design and performance of tests on complex mechanical, electromechanical and electrical/electronic systems, and shall have participated in hardware systems test evaluations.

Engineer, Environmental -- The Environmental Engineer shall have a BS degree in environmental sciences, chemistry, or a related discipline. A minimum of five years of experience in environmental compliance program implementation, monitoring and remediation, and/or hazardous materials management program implementation is required. Knowledge of and experience with federal and state environmental regulations as defined by such laws as the Resource Conservation and Recovery Act (RCRA), the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and the National Environment Protection Act (NEPA) are required. The Environmental Engineer must have experience in personnel protection and safety, and standard operating procedures for hazardous materials handling, field methods, and industry standards.

Program Designer -- The Program Designer must have a BS in the Computer Sciences, Engineering or Mathematics with at least two (2) years of experience in design, development and utilization of computer based systems. The Program Designer must have good knowledge and experience with assembly and high-level languages, and experience in tools, techniques and methodologies used in the development and testing of computer-based systems.

Analyst, Data -- The Data Analyst must have a BS degree in engineering, computer science or mathematics and a minimum of three (3) years of experience in digital computer programming and data analysis using computerized techniques. The

Data Analyst's experience must include a background in machine and assembly language programming for micro- and minicomputers and higher-level and Matlab programming for large scale computers. He/she must have a working knowledge of interfacing and operating with computer peripherals regularly used in the analysis of computerized data and the presentation of those data.

Analyst, Operations Research, Entry -- The Entry Operations Research Analyst shall have a Bachelor's degree in Operations Research, Mathematics, Computer Science, or a related scientific or technical discipline. The Entry Operations Research Analyst must have the skills to design, develop, and adapt mathematical and statistical modeling and scientific methods to analyze operational problems.

Analyst, Operations Research, Senior -- The Senior Operations Research Analyst shall have a Bachelor's degree in Operations Research, Mathematics, Computer Science, or related scientific or technical discipline and a minimum of ten (10) years related work experience. The Senior Operations Research Analyst shall have experience in the management and direction of the analyses of management problems, performance of cost analyses and modeling, define information requirements, and the formulation of scientific solutions.

Training Specialist, Senior -- The Senior Training Specialist shall have a BS or BA degree in a related or technical discipline with a minimum of seven (7) years training experience. Eight (8) years of additional training experience can be substituted for the BS/BA degree requirement. Specialized experience required includes developing and providing ADP and user training on computer hardware and application software; conducting research to develop and revise training courses and prepare appropriate training materials; preparation of instructor materials (course outline, background material, and training aids) and student materials (course manuals, workbooks, handouts, completion certificates and course critique forms).

Training Specialist -- The Training Specialist shall have a BS or BA degree in a related or technical discipline with a minimum of four (4) years training experience. Eight (8) years of additional training experience can be substituted for the BS/BA degree requirement. Specialized experience required includes developing and providing ADP and user training on computer hardware and application software; revising training courses and preparing appropriate training materials; preparing instructor materials (course outline, background material and training aids) and student materials (course manuals, workbooks, handouts, completion certificates and course critique forms).

Draftsperson -- The Draftsperson must have a High School Diploma with at least six (6) years of experience in the preparation of engineering drawings and sketches, using pencil, ink and Computer Aided Design (CAD) techniques. The Draftsperson must have experience preparing mechanical, electrical, and electronic drawings, as well as technical illustrations, assembly drawings, schematics, facility layouts, wiring diagrams and wire lists. The Draftsperson shall have experience in the development of documentation of design from concept to completion in a research and development environment.

Writer, Technical, Intermediate -- The Intermediate Technical Writer must have a BS or BA degree and five (5) years total experience as a technical writer, writing, editing, and managing technical documentation and operator/maintenance manuals.

Manager, Program -- The Program Manager shall have a systems engineering background: a BS degree in Engineering, Computer Science, Systems, Physics, Mathematics or related scientific/technical discipline, plus at least twelve years of progressive experience in complex system design and development, which includes five years of management and supervision of substantive system hardware/software development, and five years systems analysis. He/she must have experience and skills necessary to manage substantial design, development, integration, test and documentation operations for multiple tasks; organize, direct, and coordinate planning and implementation of all program/project/task activities; interface with government personnel; formulate and review project feasibility studies, determine costs, ensure conformance to work standards; interpret policies, purposes, and goals of the organizations for subordinates; manage logistics support analysis for complex systems; manage systems safety studies; and identify, acquire and utilize company resources to achieve project technical objectives.

Project Director -- The Project Director must have a BS in Engineering, Engineering Management, Mathematics, or Physics, or related technical discipline. An advanced degree (MS or PhD) in Engineering, Engineering Management, Mathematics, or Physics, or related technical discipline can be substituted for 3 years of general experience. The Project Director should have additional course work or participation in seminars/symposia/workshops on financial management, environmental regulations and compliance, and personnel relations. The Project Director shall have at least ten (10) years in systems/subsystems development and/or systems engineering, plus specialized experience in a Federal development and/or acquisition environment, in requirements definition, work planning and scheduling, budget control, task control, contract management, and personnel communications methods and procedures.

Administrative Assistant -- The Administrative Assistant shall have a High School or Graduate Equivalency Diploma with at least three (3) years of appropriate administrative experience. The Administrative Assistant shall have the skills necessary to perform administrative duties of a professional nature, directly related to contract requirements and general business operations, including security, purchasing, office services, records management, and routine clerical work.

Secretary/Clerical -- Secretary/Clerical workers must have a high school or Graduate Equivalency diploma with at least two (2) years of appropriate clerical experience. He/she must have experience performing secretarial and general office work in a technical environment, including filing, typing, and/or word processing of routine, administrative, and technical correspondence.

Graduate Research Assistant -- Graduate Research Assistants shall have a BS degree and shall be enrolled in a program leading to an advanced degree (MS or PhD) in a related technical area.

Coop Student – Coop students shall be enrolled in a program leading to a four-year technical degree (BS).