

GENERAL SERVICES ADMINISTRATION

Federal Supply Service

Authorized 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 is available through **GSA Advantage!**TM, a menu-driven database system. The INTERNET address for GSA Advantage!TM is:
<http://www.GSAAAdvantage.gov>.

Schedule Title: Professional Engineering Services (PES)

FSC Group: 87 FSC Class: 871

Contract number: GS-23F-0090P

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

Contract period: 8 January 2004 through 7 January 2014

Applicable NAICS Codes: 541330 and 541710

Contractor: Sigmatech, Inc.
4901-C Corporate Drive
Huntsville, AL 35805

Business size: Small Disadvantaged Business

Telephone: 256-319-9212

FAX Number: 256-922-0018

Web Site: www.sigmatech.com

E-mail: dgerrity@sigmatech.com

Contract Administrator: Deborah M. Gerrity

CUSTOMER INFORMATION:

1a. Table of awarded Special Item Number(s) with appropriate cross-reference to item descriptions and awarded price(s): 871-1, 871-2, 871-3, 871-4, 871-5, 871-6

<u>SINS Offered</u>		<u>EE</u>	<u>ME</u>
871-1	Strategic Planning for Technology Programs/Activity	XX	
871-2	Concept Development and Requirements Analysis	XX	XX
871-3	System Design, Engineering and Integration	XX	XX
871-4	Test and Evaluation	XX	XX
871-5	Integrated Logistics Support	XX	XX
871-6	Acquisition and Life Cycle Management	XX	XX

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.

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.

2. Maximum order: \$750,000

3. Minimum order: \$100

4. Geographic coverage (delivery area): FOB Domestic Only

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). See prices attached.

7. Quantity discounts: None Offered

8. Prompt payment terms: Net 30 Days

9a. Notification that Government purchase cards are accepted at or below the micro-purchase threshold: Yes

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

10. Foreign items (list items by country of origin): None

11a. Time of delivery: Specified on the Task Order

11b. Expedited Delivery. The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list." under this heading. The Contractor may use a symbol of its choosing to highlight items in its price lists that have expedited delivery: Contact Contractor

11c. Overnight and 2-day delivery. The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery: Contact Contractor

11d. Urgent Requirements. The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery: Contact Contractor

12. F.O.B. point(s): Destination

- 13a. Ordering address(es): Same as contractor**
- 13b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).**
- 14. Payment address(es): Same as company address**
- 15. Warranty provision: Contractor's Standard Commercial Warranty**
- 16. Export packing charges, if applicable: Not Applicable**
- 17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level): Contact Contractor**
- 18. Terms and conditions of rental, maintenance, and repair (if applicable): Not Applicable**
- 19. Terms and conditions of installation (if applicable): Not Applicable**
- 20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): Not Applicable**
- 20a. Terms and conditions for any other services (if applicable): Not Applicable**
- 21. List of service and distribution points (if applicable): Not Applicable**
- 22. List of participating dealers (if applicable): Not Applicable**
- 23. Preventive maintenance (if applicable): Not Applicable**
- 24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): Not Applicable**
- 24b. 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/.**
- 25. Data Universal Number System (DUNS) number: 19-346-0839**
- 26. Notification regarding registration in Central Contractor Registration (CCR) database: Registered**

Mission Statement

Sigmattech is a professional services and solutions company providing weapons systems, information technology, System Engineering and Technical Assistance (SETA), and interactive multimedia instruction and training to government and industry clients. These professional services and solutions are provided to our clients with the best support possible as a way of assisting with their missions, goals and objectives. We do this through intelligent deployment of best practices, information technologies and subject matter experts.

Vision Statement

Sigmatech's focus is on total customer satisfaction. Expanded and repeat business from satisfied customers indicates the success of this commitment. Quality first... dedicated, highly skilled engineers, logisticians, trainers and personnel with superior program planning and management skills make this all possible.

Professional Services Labor Category Descriptions:

The following labor category descriptions describe the types of personnel that shall be provided by the contractor in support of Delivery Orders/Task Orders (DO/TOs). Individual DO/TOs may require more years or additional specific types of experience for a specific project. Such additional specialized or specific experience will be limited to specific DO/TO requirements and will apply to that DO/TO only.

EXPERIENCE DEFINITIONS

General Experience

General Experience refers to the minimum of years required in the general management or technical areas related to the requirements of the task program management, engineering fields, strategic planning, requirements analysis, system design, test and evaluation, integrated logistics support, acquisition management, and new technologies.

Specialized Experience

Specialized Experience refers to the minimum number of years required related to the particular appropriate skills for a labor category. This experience is not in addition to, but may be a part of the minimum experience required in General Experience.

Substitution Of Education For Experience

A Bachelor's degree may be substituted for two years of general and specialized experience for those labor categories requiring a high school diploma. A Master's degree may be substituted for three years of general and specialized experience for those labor categories requiring a bachelor's degree.

Substitution Of Experience For Education

Two to six years of general and specialized experience may be substituted for the next degree depending on the seniority of the position and requirements of the labor category. However, no experience substitution is allowed for a High School Diploma. The allowable substitutions are as follows:

High School Diploma plus 6 years = Bachelor's Degree (Depending on seniority of labor category)

High School Diploma plus 12 years = Master's Degree

Bachelor's Degree plus 6 years = Master's Degree

CATEGORY DESCRIPTIONS

1. **Subject Matter Expert V**

Minimum/General Experience: At least twenty-five (25) years experience in the specific discipline or functional areas of the project. Alternate qualifications include: a) a Ph.D. may be substituted for two (2) years experience.

Minimum Education: MBA or Master's Degree with concentration in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline. For example: MBA/MS + twenty-five (25) yrs general experience; Ph.D.+ twenty-three (23) yrs general experience.

Functional Responsibility: Applies a high degree of skill or knowledge of subjects that relate to and depend upon the application of engineering and scientific principles, to design, fabricate prototypes, produce, test, and install systems that operate properly, efficiently, and economically. Applies analytical/ engineering skills to support systems engineering, system design, acquisition management, operations and maintenance, assessment support, concept development, test and evaluation, strategic planning and requirements analysis. Typical duties include analysis, planning, establishment of requirements, functional modeling, development of test plans, development of logistics plans, development of acquisition plans and schedules, and other technical and management duties. Typical duties include analysis, planning, establishment of requirements, functional modeling, development of test plans, development of logistics plans, development of acquisition plans and schedules, and other technical and management duties. Has demonstrated experience in a substantial portion of the following areas:

Systems Operations Analysis

Operational Concept Analysis & Allocation

Architecture Requirements Definition & Design

Interface Requirements Definition

System Integration

Modeling & Simulation

Performance Analysis

Environmental Services

Network Protocols & Standards

Information Resource Management/Information Technology

Computer Based Training/Web Base Training

Distributed Databases, Processing & Control

Multimedia & visualization Technology Services

Independent Verification & Validation

Documentation

2. **Subject Matter Expert IV**

Minimum/General Experience: A minimum of twenty (20) years technical experience is required, at least four (4) of which must have been in engineering, science, or other field relevant to the supported area.

Minimum Education: MBA or Master's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical

Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline. Ph.D. degree may be substituted for 5 years of experience.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, design, development and testing of systems, life cycle support, training and outsourcing. Provides scientific/technical analysis. Serves as the program lead on scientific, engineering, or business related programs. Prepares technical briefings and technical papers for meetings. Analyzes, develops, and manages scientific, technical, or business related projects. Has demonstrated experience in a substantial portion of the following areas:

Systems Operations Analysis

Operational Concept Analysis & Allocation

Architecture Requirements Definition & Design

Interface Requirements Definition

System Integration

Modeling & Simulation

Performance Analysis

Environmental Services

Network Protocols & Standards

Information Resource Management/Information Technology

Computer Based Training/Web Base Training

Distributed Databases, Processing & Control

Multimedia & visualization Technology Services

Independent Verification & Validation

Documentation

3. Subject Matter Expert III

Minimum/General Experience: At least fifteen (15) years experience in the specific discipline or functional areas of the project. Alternate qualifications include: a) a Ph.D. may be substituted for two (2) years experience.

Minimum Education: MBA or Master's Degree with concentration in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline. For example: MBA/MS + eight (8) yrs general experience; Ph.D. + five (5) yrs general experience.

Functional Responsibility: Applies a high degree of skill or knowledge of subjects that relate to and depend upon the application of engineering and scientific principles, to design, fabricate prototypes, produce, test, and install systems that operate properly, efficiently, and economically. Applies analytical/ engineering skills to support systems engineering, system design, acquisition management, operations and maintenance, assessment support, concept development, test and

evaluation, strategic planning and requirements analysis. Typical duties include analysis, planning, establishment of requirements, functional modeling, development of test plans, development of logistics plans, development of acquisition plans and schedules, and other technical and management duties. Has demonstrated experience in a substantial portion of the following areas:

- Systems Operations Analysis
- Operational Concept Analysis & Allocation
- Architecture Requirements Definition & Design
- Interface Requirements Definition
- System Integration
- Modeling & Simulation
- Performance Analysis
- Environmental Services
- Network Protocols & Standards
- Information Resource Management/Information Technology
- Computer Based Training/Web Base Training
- Distributed Databases, Processing & Control
- Multimedia & visualization Technology Services
- Independent Verification & Validation
- Documentation

4. Subject Matter Expert II

Minimum/General Experience: At least ten (10) years experience in the specific discipline or functional areas of the project. Alternate qualifications include: a) Ph.D. may be substituted for two (2) years experience.

Minimum Education: MBA or Master's Degree preferred, Bachelor's in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Applies a high degree of skill or knowledge of subjects that relate to and depend upon the application of engineering and scientific principles, to design, fabricate prototypes, produce, test, and install systems that operate properly, efficiently, and economically. Applies analytical/ engineering skills to support systems engineering, system design, acquisition management, operations and maintenance, assessment support, concept development, test and evaluation, strategic planning and requirements analysis. Typical duties include analysis, planning, establishment of requirements, functional modeling, development of test plans, development of logistics plans, development of acquisition plans and schedules, and other technical and management duties. Has demonstrated experience in a substantial portion of the following areas:

- Systems Operations Analysis
- Operational Concept Analysis & Allocation
- Architecture Requirements Definition & Design
- Interface Requirements Definition
- System Integration

Modeling & Simulation
Performance Analysis
Environmental Services
Network Protocols & Standards
Information Resource Management/Information Technology
Computer Based Training/Web Base Training
Distributed Databases, Processing & Control
Multimedia & visualization Technology Services
Independent Verification & Validation
Documentation

5. Subject Matter Expert

Minimum/General Experience: At least five years experience in the specific discipline or functional areas of the project. Alternate qualifications include: a) a Ph.D. may be substituted for two years experience, b) a Masters Degree and seven years of functional experience, or c) a Bachelor's Degree and at least ten years functional experience.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Applies a high degree of skill or knowledge of subjects that relate to and depend upon the application of engineering and scientific principles, to design, fabricate prototypes, produce, test, and install systems that operate properly, efficiently, and economically. Applies analytical/ engineering skills to support systems engineering, system design, acquisition management, operations and maintenance, assessment support, concept development, test and evaluation, strategic planning and requirements analysis. Typical duties include analysis, planning, establishment of requirements, functional modeling, development of test plans, development of logistics plans, development of acquisition plans and schedules, and other technical and management duties. Requires expertise in specialty engineering areas including CAD, CAE, and CAM.

6. Consultant V

Minimum/General Experience: Bachelors/25 years; Masters/20 years in Business Management, Engineering, Science, Math preferred.

Functional Responsibility: A highly skilled and extremely knowledgeable individual who has comprehensive knowledge of SOW areas and performs expertise in area or field. Solves complex problems in an efficient and unique manner. Bachelors degree and 25 years of experience. Masters degree may be substituted for 5 years of experience.

7. Consultant IV

Minimum/General Experience: Bachelors/20 years; Masters/15 years in Business Management, Engineering, Science, Math preferred.

Functional Responsibility: A highly skilled and extremely knowledgeable individual who has comprehensive knowledge of SOW areas and performs expertise in area or field. Solves

complex problems in an efficient and unique manner. Bachelors degree and 20 years of experience. Masters degree may be substituted for 5 years of experience.

8. Consultant III

Minimum/General Experience: Bachelors/15 years; Masters/10 years in Business Management, Engineering, Science, Math preferred.

Functional Responsibility: A highly skilled and extremely knowledgeable individual who has comprehensive knowledge of SOW areas and performs expertise in area or field. Solves complex problems in an efficient and unique manner. Bachelors degree and 15 years of experience. Masters degree may be substituted for 5 years of experience.

9. Consultant II

Minimum/General Experience: Bachelors/10 years; Masters/5 years in Business Management, Engineering, Science, Math preferred.

Functional Responsibility: A highly skilled and extremely knowledgeable individual who has comprehensive knowledge of SOW areas and performs expertise in area or field. Solves complex problems in an efficient and unique manner. Bachelors degree and 10 years of experience. Masters degree may be substituted for 5 years of experience.

10. Consultant I

Minimum/General Experience: Bachelors/5 years; Masters/0 years in Business Management, Engineering, Science, Math preferred.

Functional Responsibility: A highly skilled and extremely knowledgeable individual who has comprehensive knowledge of SOW areas and performs expertise in area or field. Solves complex problems in an efficient and unique manner. Bachelors degree and 5 years of experience. Masters degree may be substituted for 5 years of experience.

11. Sr. Program Manager III

Minimum/General Experience: A minimum of twenty (20) years technical experience is required, at least four of which must have been in engineering, science, or other field relevant to the supported area.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline. Masters degree may be substituted for 5 years of experience.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, design, development and testing of systems, life cycle support, training and outsourcing. Provides scientific/technical analysis. Serves as the program lead on scientific, engineering, or business related programs. Prepares technical briefings and technical

papers for meetings. Analyzes, develops, and manages scientific, technical, or business related projects. Has demonstrated experience in a substantial portion of the following areas:

Requirements/Functional Analysis & Allocation /Specification Development

Systems Operations Analyst

Architecture Requirements Definition & Design

Interface Requirements Definition

Feasibility/Trade Studies

System Prototyping

Software Engineering & Development

Hardware/Firmware Development

System Integration

Modeling & Simulation

Performance Analysis

Environmental Services

System Test, Integration, & Installation

Network Protocols & Standards

LAN & WAN

CASE Tools Applications

Electronic Data Interchange Systems

Distributed Databases, Processing & Control

Multimedia & Visualization Technology Services

Web Services

Independent Verification & Validation

Military Operations & Logistics

12. Sr. Program Manager II

Minimum/General Experience: A minimum of ten (10) years technical experience is required, at least four of which must have been in engineering, science, or other field relevant to the supported area.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline. Masters degree may be substituted for 5 years of experience.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, design, development and testing of systems, life cycle support, training and outsourcing. Provides scientific/technical analysis. Serves as the program lead on scientific, engineering, or business related programs. Prepares technical briefings and technical papers for meetings. Analyzes, develops, and manages scientific, technical, or business related projects. Has demonstrated experience in a substantial portion of the following areas:

Requirements/Functional Analysis & Allocation /Specification Development

Systems Operations Analyst
Architecture Requirements Definition & Design
Interface Requirements Definition
Feasibility/Trade Studies
System Prototyping
Software Engineering & Development
Hardware/Firmware Development
System Integration
Modeling & Simulation
Performance Analysis
Environmental Services
System Test, Integration, & Installation
Network Protocols & Standards
LAN & WAN
CASE Tools Applications
Electronic Data Interchange Systems
Distributed Databases, Processing & Control
Multimedia & Visualization Technology Services
Web Services
Independent Verification & Validation
Military Operations & Logistics

13. Sr. Program Manager

Minimum/General Experience: A minimum of fifteen years technical or general management experience is required, at least seven of which must have been in program/project management.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Planning, budgetary, contract and systems / program management execution functions required to design, develop, test, 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 duties include; but are not limited to construction management, technology transfer / insertion, training and outsourcing. Provides technical and management support for programs/projects identified by individual/multiple task orders. Prepares project implementation plans, coordinates project activities, monitors milestones, and provides progress reports. Acts as interface between end user, technical staff, and the contracting officer.

14. Senior Principal Investigator

Minimum/General Experience: A minimum of fifteen years technical experience is required, at least seven of which must have been in engineering, science, or other field relevant to the support area.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Definition and interpretation of high level engineering performance requirements such as Projects, Systems, Missions, etc. and the objectives and approaches to their achievement. Typical duties include, but are not limited to design, development and test of systems, life cycle support and analysis of mission, program goals and objectives, requirement analysis, organizational performance assessment, special studies and analysis, training and outsourcing. Performs state-of-the-art analysis. Serves as the principal program lead on complex scientific, technical, or acquisition related programs. Prepares technical briefings and technical papers for meetings and symposiums. Analyzes, develops, and manages difficult and complex scientific, technical, or acquisition related projects.

15. Program Manager

Minimum/General Experience: A minimum of fifteen years technical or general management experience is required, at least five of which must have been in program/project management.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Translation of a system (or subsystem, program, project, activity) concept into a preliminary and detailed design (engineering plans and specifications) performing risk identification, identification / analysis / mitigation, traceability, and then integrating the various components to produce a working prototype or model of the system. Typical duties include, but are not limited to computer-aided design, design studies, and analysis, high level detailed specification, configuration management and document control, fabrication, assembly and simulation, modeling, training and outsourcing. Provides technical and management support for programs/projects identified by individual/multiple task orders. Prepares project implementation plans, coordinates project activities, monitors milestones, and provides progress reports. Acts as interface between end user, technical staff, and the Government contracting officer.

16. Technical Director

Minimum/General Experience: A minimum of fifteen years technical experience is required, at least four of which must have been in engineering, science, or other field relevant to the supported area.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics,

Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, design, development and testing of systems, life cycle support, training and outsourcing. Provides scientific/technical analysis. Serves as the program lead on scientific, engineering, or business related programs. Prepares technical briefings and technical papers for meetings. Analyzes, develops, and manages scientific, technical, or business related projects.

17. Engineer IV

Minimum/General Experience: Fifteen years of demonstrated experience in complex system design development, test, and support. Serves as the Technical Lead for related programs/projects.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Translation of a system (or subsystem, program, project, activity) concept into a preliminary and detailed design (engineering plans and specifications) performing risk identification, identification / analysis / mitigation, traceability, and then integrating the various components to produce a working prototype or model of the system. Typical duties include, but are not limited to computer-aided design, design studies, and analysis, high level detailed specification, configuration management and document control, fabrication, assembly and simulation, design, development and testing of systems, life cycle support, modeling, training and outsourcing.

18. Engineer III

Minimum/General Experience: Five years of experience in system design and development of complex projects.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: 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 duties 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 feasibility of a concept), system safety, quality

assurance, physical testing of the product or system, life cycle support, training and outsourcing. Determines hardware, software, reliability, safety, and support requirements of systems to meet client specifications and requirements. Applies knowledge and expertise of system engineering, system integration, requirements analysis, system testing, and system operations in the analysis, specification, development, acquisition, and integration of systems.

19. Engineer II

Minimum/General Experience: Three years of progressive experience in system design and development of moderately complex projects.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: 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 duties 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 outsourcing. Determines hardware, software, and network systems to meet client specifications and requirements. Applies knowledge and expertise of hardware, software, and networking principles in the analysis, specification, development, acquisition, and integration of systems.

20. Engineer I

Minimum/General Experience: Two years of experience in system design and development of engineering projects. Experience can include projects or part-time work during the process of obtaining a Bachelor's Degree.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Performs assigned engineering tasks to provide life cycle support i.e. maintenance, repair, supplies, engineering specific logistics to technology based systems, activities, management, technology transfer / insertion, training and outsourcing. Evaluates and recommends hardware, software, and network systems to meet client specifications and requirements. Applies knowledge and expertise of hardware, software, and networking principles in the analysis, specification, development, acquisition, and integration of systems.

21. Research Engineer

Minimum/General Experience: Ten years of demonstrated experience in complex system design, development, production, test, and support. Serves as the Technical Lead for related programs/projects.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training and outsourcing. Defines and monitors engineering/scientific investigations or inquiries using one or more engineering discipline to support the design, fabrication, production, testing, and/or installation of systems that operate properly, efficiently, and economically. Provides technical guidance for acquisitions, upgrades, new technologies, and new development efforts. Designs and develops complex systems. Applies state-of-the-art technology in the analysis, development, and acquisition of complex systems. Evaluates alternatives and assesses Commercial Off-The-Shelf (COTS) hardware and system software.

22. Investigator

Minimum/General Experience: Seven years of progressive experience in a relevant scientific, engineering, or technical discipline.

Minimum Education: Bachelor's Degree in Information Resource Management/Information Systems, Computer Science, Engineering, Business, or other related scientific or technical discipline.

Functional Responsibility: 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 duties include; but are not limited to construction management, technology transfer / insertion, training and outsourcing. Systematically performs detailed scientific investigations or inquiries of problems or issues stemming from activities involving the design, development, testing, and/or installation of systems that operated properly, efficiently, and economically. One or more sciences, such as computer science, are applied in the investigations or inquiries.

23. Scientist V

Minimum/General Experience: Fifteen (15) years of progressive experience in a relevant scientific, engineering, or technical discipline.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, or other related scientific, technical, or professional discipline. A Masters degree may be substituted for five (5) years of experience.

Functional Responsibility: Definition and interpretation of high level engineering performance requirements such as Projects, Systems, Missions, etc. and the objectives and approaches to their achievement. Typical duties include, but are not limited to analysis of mission, program goals and objectives, requirement analysis, organizational performance assessment, special studies and analysis, training and outsourcing. Directs engineering or scientific tasks. Evaluates complex technological, scientific, safety, reliability, and system support problems and develops potential solutions. Directs computer simulations. Develops or evaluates statements of problems, designs systems and programs, develops test procedures. Corrects program errors, completes documentation/statistics, researches technical and scientific issues, analyzes data. Has demonstrated experience in several of the following areas:

Requirements/Functional Analysis & Allocation/Specification Development

Architecture Requirements Definition & Design

Interface Requirements Definition

Risk Assessment

System Prototyping

Software Engineering & Development

Hardware/Firmware Development

System Integration

Reliability, Maintainability & Availability Analysis

Modeling & Simulation

Performance Analysis

Environmental Services

System Test, Integration & Installation

Network Protocols & Standards

CASE Tools Applications

Information Resource Management/Information Technology

Database Management Systems

Electronic Data Interchange Systems

Data Collection, Data Reduction & Data Analysis

Distributed Databases, Processing & Control

Studies & Analysis

Independent Verification & Validation

Military Operations & Logistics

24. Scientist IV

Minimum/General Experience: Ten years of progressive experience in a relevant scientific, engineering, or technical discipline.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, or other related scientific, technical, or professional discipline.

Functional Responsibility: Definition and interpretation of high level engineering performance requirements such as Projects, Systems, Missions, etc. and the objectives and approaches to their achievement. Typical duties include, but are not limited to analysis of mission, program goals and objectives, requirement analysis, organizational performance assessment, special studies and

analysis, training and outsourcing. Directs engineering or scientific tasks. Evaluates complex technological, scientific, safety, reliability, and system support problems and develops potential solutions. Directs computer simulations. Develops or evaluates statements of problems, designs systems and programs, develops test procedures. Corrects program errors, completes documentation/statistics, researches technical and scientific issues, analyzes data.

25. Scientist III

Minimum/General Experience: Seven years of progressive experience in a relevant scientific, engineering, or technical discipline.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, or other related scientific, technical, or professional discipline.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training and outsourcing. Systematically performs detailed scientific and engineering investigations or inquiries of problems or issues stemming from activities involving the design, development, testing and/or, installation and support of systems that operate properly, efficiently, and economically. One or more sciences or engineering disciplines are applied in the investigations or inquiries.

26. Scientist I

Minimum/General Experience: Six years of progressive experience in a relevant scientific or technical discipline.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, or other related scientific, technical, or professional discipline.

Functional Responsibility: 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 duties include, but are not limited to computer-aided design, design studies, and analysis, high level detailed specification, configuration management and document control, fabrication, assembly and simulation design, development and testing of systems, life cycle support and modeling, training and outsourcing. Performs technical or scientific tasks. Evaluates technological, scientific, and environmental problems and develops potential solutions. Directs computer simulations. Develops or evaluates statements of problems, designs systems and programs, writes programs/software for solutions to scientific, technical, environmental, or military problems. Corrects program errors, completes documentation/statistics, researches technical and scientific issues, analyzes data.

27. Research Engineer IV

Minimum/General Experience: Fifteen (15) years of demonstrated experience in complex system design, development, production, test, and support. Serves as the Technical Lead for related programs/projects.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training and outsourcing. Defines and monitors engineering/scientific investigations or inquiries using one or more engineering discipline to support the design, fabrication, production, testing, and/or installation of systems that operate properly, efficiently, and economically. Provides technical guidance for acquisitions, upgrades, new technologies, and new development efforts. Designs and develops complex systems. Applies state-of-the-art technology in the analysis, development, and acquisition of complex systems. Evaluates alternatives and assesses Commercial Off-The-Shelf (COTS) hardware and system software. Has demonstrated experience in one or more of the following areas:

Requirements/Functional Analysis & Allocation/Specification Development

Architecture Requirements Definition & Design

Interface Requirements Definition

System Prototyping

Software Engineering & Development

Hardware/Firmware Development

System Integration

Modeling & Simulation

Performance Analysis

Environmental Services

System Test, Integration & Installation

Network Protocols & Standards

LAN & WAN

CASE Tools Applications

Computer Based Training/Web Base Training

Database Management Systems

Electronic Data Interchange Systems

Distributed Databases, Processing & Control

Multimedia & Visualization Technology Services

Web Services

Independent Verification & Validation

Military Operations & Logistics

28. Research Engineer III

Minimum/General Experience: Ten (10) years of demonstrated experience in complex system design and development. Serves as the Technical Lead for related programs/projects.

Minimum Education: Bachelor's Degree in Information Resource Management/Information Systems, Computer Science, Engineering, Business, or other related scientific, technical, or professional discipline.

Functional Responsibility: Defines and monitors scientific investigations or inquiries using one or more sciences such as computer science to support the design, construction, and/or installation of systems that operate properly, efficiently, and economically. Provides technical guidance for acquisitions, upgrades, research and development, and new development. Designs and develops complex systems. Applies state-of-the-art technology in the analysis, development, acquisition of information, and network systems. Evaluates alternatives and recommends Commercial Off-The-Shelf (COTS) hardware and system software. Has demonstrated experience in one or more of the following areas:

Requirements/Functional Analysis & Allocation/Specification Development

Architecture Requirements Definition & Design

Interface Requirements Definition

System Prototyping

Software Engineering & Development

Hardware/Firmware Development

System Integration

Modeling & Simulation

Performance Analysis

Environmental Services

System Test, Integration & Installation

Network Protocols & Standards

LAN & WAN

CASE Tools Applications

Computer Based Training/Web Base Training

Database Management Systems

Electronic Data Interchange Systems

Distributed Databases, Processing & Control

Multimedia & Visualization Technology Services

Web Services

Independent Verification & Validation

Military Operations & Logistics

29. Research Engineer II

Minimum/General Experience: Five (5) years of demonstrated experience in complex system design, development, production, test, and support. Serves as the Technical Lead for related programs/projects.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics,

Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training and outsourcing. Defines and monitors engineering/scientific investigations or inquiries using one or more engineering discipline to support the design, fabrication, production, testing, and/or installation of systems that operate properly, efficiently, and economically. Provides technical guidance for acquisitions, upgrades, new technologies, and new development efforts. Designs and develops complex systems. Applies state-of-the-art technology in the analysis, development, and acquisition of complex systems. Evaluates alternatives and assesses Commercial Off-The-Shelf (COTS) hardware and system software. Has demonstrated experience in one or more of the following areas:

Requirements/Functional Analysis & Allocation/Specification Development

Architecture Requirements Definition & Design

Interface Requirements Definition

System Prototyping

Software Engineering & Development

Hardware/Firmware Development

System Integration

Modeling & Simulation

Performance Analysis

Environmental Services

System Test, Integration & Installation

Network Protocols & Standards

LAN & WAN

CASE Tools Applications

Computer Based Training/Web Base Training

Database Management Systems

Electronic Data Interchange Systems

Distributed Databases, Processing & Control

Multimedia & Visualization Technology Services

Web Services

Independent Verification & Validation

Military Operations & Logistics

30. Research Engineer I

Minimum/General Experience: Zero (0) years of experience required.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Performs professional engineering/analyst work in research, development, design, testing, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials. Has demonstrated experience in one or more of the following areas:

Requirements/Functional Analysis & Allocation/Specification Development

Architecture Requirements Definition & Design

Interface Requirements Definition

System Prototyping

Software Engineering & Development

Hardware/Firmware Development

System Integration

Modeling & Simulation

Performance Analysis

Environmental Services

System Test, Integration & Installation

Network Protocols & Standards

LAN & WAN

CASE Tools Applications

Computer Based Training/Web Base Training

Database Management Systems

Electronic Data Interchange Systems

Distributed Databases, Processing & Control

Multimedia & Visualization Technology Services

Web Services

Independent Verification & Validation

Military Operations & Logistics

31. Concept/Principal Analyst

Minimum/General Experience: Thirteen years of technical or logistical experience is required. Type of experience necessary includes three years related engineering, strategic planning, requirements analysis, systems design, test, logistics, and acquisition management experience.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physics, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training and outsourcing. Provides highly technical expertise and leadership in conducting capabilities studies and requirements analysis. Applies scientific principles such as operations research and risk assessment to the analysis and study of one or

more of the individual components of a concept for a system or systems. The concept analyst investigates design trades of individual components, of subsystems, or of a conceptual system or systems. The concept analyst attempts to ensure the individual components of the conceptual system or systems operate properly, efficiently, and economically.

32. Programmer Analyst

Minimum/General Experience: Eight years of increasingly complex and progressive experience in performing systems analysis, development, and implementation of business, mathematical, or scientific settings using a variety of information technology resources. Has experience with current technologies and, where required for the task, emerging technologies. Must have managed or had significant involvement with complex or substantive information technology projects including one year of experience in management and supervision.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Physical Science, Engineering, Mathematics-intensive discipline, or a curriculum or major field of study which provides substantial knowledge useful in managing large, complex Automated Information System (AIS) projects, and is closely related to the work to be automated.

Functional Responsibility: Formulates and defines system scope and objectives for assigned projects. Prepares detailed specifications for programs. Responsible for program design, coding, testing, debugging, and documentation. Has full technical knowledge and responsibility for all phases of applications systems analysis and programming. Understands the business or function for which application is designed. Duties also include instructing, directing, and checking the work of other systems analysts and programming personnel. Responsible for quality assurance review. Responsible for directing and monitoring the work of team members.

33. Programmer Analyst Jr.

Minimum/General Experience: Zero (0) years of experience in performing systems analysis, development, and implementation of business, mathematical, or scientific settings using a variety of information technology resources. Has experience with current technologies and, where required for the task, emerging technologies.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Physical Science, Engineering, Mathematics-intensive discipline, or a curriculum or major field of study which provides substantial knowledge useful in managing large, complex Automated Information System (AIS) projects, and is closely related to the work to be automated.

Functional Responsibility: Formulates and defines system scope and objectives for assigned projects. Prepares detailed specifications for programs. Responsible for program design, coding, testing, debugging, and documentation. Has full technical knowledge and responsibility for all phases of applications systems analysis and programming. Understands the business or function for which application is designed. Duties also include instructing, directing, and checking the work of other systems analysts and programming personnel. Responsible for quality assurance review. Individual is responsible for directing and monitoring the work of team members. Has experience in several of the following areas:

Requirement/Functional Analysis & Allocation/Specification Development

Systems Operations Analysis

Operational Concept Analysis & Allocation

Architecture Requirements Definition & Design

Interface Requirements Definition

Automated Planning & Scheduling
Feasibility/Trade Studies
Risk Assessment
Support Acquisition Development & Decision Reviews
System Integration
Configuration Management
Quality Assurance
Modeling & Simulation
Information Resource Management/Information Technology
Computer Based Training/Web Based Training
Supervisory Control & Data Acquisition Systems
Electronic Data Interchange Systems
Data Collection, Data Reduction & Data Analysis
Multimedia & Visualization Technology Services
Web Services
Studies & Analysis
Cost Analysis & Estimating
Life Cycle Analysis
Documentation
Military Operations & Logistics

34. System Analyst III

Minimum/General Experience: Ten (10) years of increasingly complex and progressive experience in performing systems analysis, systems integration, and system testing in an engineering, business, mathematical, or scientific settings using a variety of engineering and analysis disciplines. Has experience with current technologies and, where required for the task, emerging technologies.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training and outsourcing. Formulates and defines system scope and objectives. Prepares detailed specifications for programs. Work at the highest technical level of all phases of applications, systems engineering and analysis, and programming activities. Provides guidance and training to less experienced engineers/analysts/ programmers. Has experience in several of the following areas:

Systems Operations Analysis

Operational Concept Analysis & Allocation
Automated Planning & Scheduling
Feasibility/Trade Studies
Risk Assessment
Support Acquisition Development & Decision Reviews
Configuration Management
Quality Assurance
Performance Analysis
Information Resource Management/Information Technology
Computer Based Training/Web Based Training
Electronic Data Interchange Systems
Data Collection, Data Reduction & Data Analysis
Help Text
Data Security
Multimedia & Visualization Technology Services
Studies & Analysis
Cost Analysis & Estimating
Life Cycle Analysis
Documentation
Military Operations & Logistics

35. System Analyst II

Minimum/General Experience: Eight years of increasingly complex and progressive experience in performing systems analysis, systems integration, and system testing in an engineering, business, mathematical, or scientific settings using a variety of engineering and analysis disciplines. Has experience with current technologies and, where required for the task, emerging technologies.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: Abstract or concept studies and analysis, requirements definition, preliminary planning 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 duties include, but are not limited to requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training and outsourcing. Formulates and defines system scope and objectives. Prepares detailed specifications for programs. Work at the highest technical level of all phases of applications, systems engineering and analysis, and programming activities. Provides guidance and training to less experienced engineers/analysts/ programmers.

36. System Analyst I

Minimum/General Experience: Five years demonstrated experience in the development and implementation of criteria for the collection, compilation, and recording of data that allows verification and replication of outcomes through experimentation.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or logistic discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: 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 duties include, but are not limited to computer-aided design, design studies, and analysis, high level detailed specification, configuration management and document control, fabrication, assembly and simulation, system design, development, testing support, life cycle support modeling, training and outsourcing.

37. Analyst III

Minimum/General Experience: Three years experience in the development and implementation of criteria for the collection, compilation, and recording of technical data that allows verification and replication of outcomes through experimentation.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or logistic discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: 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 duties include; but are not limited to analysis of testing of a prototype and first article(s) testing, environmental testing, independent verification and validation, reverse engineering, simulation and modeling (to test feasibility of a concept), system safety, quality assurance, physical testing of the product or system, training and outsourcing. Provides technical expertise in conducting capabilities studies, requirements analysis, and technology assessments. Develops procedures for and conducts basic analysis. Understands analysis principles, theories, and techniques. Evaluates complex data and prepares reports.

38. Analyst II

Minimum/General Experience: Two years of increasingly complex and progressive experience in performing systems analysis and system testing in engineering, business, mathematical, or scientific settings using a variety of engineering and analysis disciplines. Has experience with current technologies and, where required for the task, emerging technologies.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or professional discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: 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 duties include; but are not limited to analysis of testing of a prototype and first article(s) testing, environmental testing, independent verification and validation, reverse engineering, simulation and modeling (to test feasibility of a concept), system safety, quality assurance, physical testing of the product or system, training and outsourcing. Formulates and defines system scope and objectives. Understands all phases of applications, systems analysis, and programming activities.

39. Analyst I

Minimum/General Experience: Two years experience assisting senior staff with technical data analysis and the development and preparation of documents and reports relating to systems.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical, or logistic discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: Analysis and planning of engineering specific logistics support including material goods, personnel, and operational maintenance and repair of systems throughout their life cycles. Typical duties 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 outsourcing. Collects, compiles, and analyzes systems data for research and development. Provides input for the development of documentation and reports.

40. Cost/Risk Analyst

Minimum/General Experience: Five years of technical, professional, or logistical experience is required. Type of experience necessary includes cost analysis, cost estimating, tradeoff analysis, data analysis, budgeting and life cycle system support for systems, subsystems, program and projects.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical,

or logistic discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: 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 duties include, but are not limited to computer-aided design, design studies, and analysis, high level detailed specification, configuration management and document control, fabrication, assembly and simulation, modeling, training and outsourcing. Provides technical expertise in conducting cost analysis studies, cost estimation, and tradeoff analysis. Develops procedures and protocols for conducting analysis. Demonstrates a knowledge of cost analysis principles, theories, and techniques to solve specific problems and formulates solutions. Evaluates data and prepares reports of results. Applies scientific principles such as computer science and expert knowledge of cost information to estimate, monitor, and report costs associated with the design, construction, and/or installation of systems.

41. Programmer IV

Minimum/General Experience: Fifteen (15) years technical experience is required. Type of experience necessary includes at least five (5) years in writing programs, at least two (2) years supervisory experience, and two (2) years of designing computer software.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific or technical discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibilities: This individual is responsible for formulation of the opinions, decisions and ultimate performance of the task specified in the statement of work contained in the task order. Individual may perform other duties as assigned. Has experience in one or more of the following areas:

Automated Planning & Scheduling

Software Engineering & Development

Modeling & Simulation

Performance Analysis

Automated Systems Security

Network Protocols & Standards

LAN & WAN

Information Resource Management/Information Technology

Database Management Systems

Supervisory Control & Data Acquisition Systems

Electronic Data Interchange Systems

Data Collection, Data Reduction & Data Analysis

Real-time Processing

Distributed Databases, Processing & Control
Help Text
Data Security
Multimedia & Visualization Technology Services
Web Services

42. Programmer III

Minimum/General Experience: Ten years technical experience is required. Type of experience necessary includes at least three years in writing programs, at least two years supervisory experience, and two years of designing computer software.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific or technical discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: Develops software or modifies COTS software to meet the specific requirements in the engineering support task orders. Minimum tasks include developing standard and ad hoc reports using COTS and data provided by the Government; producing and maintaining decision support systems; and using COTS software to develop input forms for data collection, data manipulation, and output. Supervises other programming staff.

43. Programmer II

Minimum/General Experience: A minimum of five years technical experience is required. Type of experience necessary includes at least two years in writing programs and one year of designing computer software.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific or technical discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: Software program development or modification of COTS to meet the specific requirements in the engineering support task orders. Minimum tasks include developing standard and ad hoc reports using COTS and data provided by the Government; producing and maintaining decision support systems; and using COTS software to develop input forms for data collection, data manipulation, and output.

44. Programmer I

Minimum/General Experience: Two years of applicable technical experience is required. Type of experience necessary includes at least one year in writing programs.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific or technical discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study which provides substantial knowledge closely related to the task.

Functional Responsibility: Assists in modifying COTS SW to meet the specific requirements of task orders. Minimum tasks include developing standard and ad hoc reports using COTS and data provided by the Government; producing and maintaining decision support systems; and using COTS software to develop input forms for data collection, data manipulation, and output.

45. Logistician IV

Minimum/General Experience: Twenty (20) years of logistical experience is required. Type of experience necessary includes six (6) years of task related technical experience, and two (2) years of supervisory experience. Experience in either logistic support planning, material fielding, or sustainment support for systems, major end items, supply, or maintenance organization required.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Civil Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical or logistics discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study that provides substantial knowledge closely related to the task.

Functional Responsibility: Emerging authorities recognized by peers inside and outside the organization as significant contributors to projects and programs in the various elements of logistics. Individual may function as project leader on major projects or as major individual contributor.

46. Logistician Staff III

Minimum/General Experience: Fifteen years of logistical experience is required. Type of experience necessary includes six years of task related technical experience, and two years of supervisory experience. Experience in either logistic support planning, material fielding, or sustainment support for systems, major end items, supply, or maintenance organization required.

Minimum Education: Bachelor's Degree in such disciplines as Electrical or Electronic Engineering, Mechanical Engineering, Civil Engineering, Manufacturing Engineering, Aerospace or Aeronautical Engineering, Civil Engineering, Chemical Engineering, Computer Science, Information Resource Management/Information Systems, Operations Research, Physical Sciences, Statistics, Mathematics, Chemistry, Business, Accounting, Economics, or other related scientific, technical or logistics discipline, or a technical training certificate from an accredited training institution with a curriculum or major field of study that provides substantial knowledge closely related to the task.

Functional Responsibility: 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 duties 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 outsourcing. Provides highly technical expertise in specific functional and/or technical areas directly related to the task performance. Technical areas include but are not limited to system integration, test and evaluation, prototyping, configuration management, logistics, data collection, electronic publishing, internet/web technology, training development, and other highly technical disciplines.

47. Logistician Staff II

Minimum/General Experience: Six years of experience is required. Type of experience necessary includes four years of related logistical experience.

Minimum Education: BS/BA and six years related experience. High School or equivalent plus eight years related experience may be substituted for BS/BA degree requirement.

Functional Responsibility: 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 duties 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 outsourcing. Provides highly technical expertise in specific functional and/or technical areas directly related to the task performance. Technical areas include but are not limited to system integration, test and evaluation, prototyping, logistics, data collection, logistics support analysis, logistics support record, material fielding, provisioning, technical manual development/validation, depot planning/operation, modification work orders (DMWRs), training development, and other highly technical disciplines.

48. Logistician Staff I

Minimum/General Experience: One year of experience in the areas directly related to task.

Minimum Education: High School Diploma or equivalent.

Functional Responsibility: Performs assigned tasks in support of senior logisticians, technicians, engineers, analysts, scientists, and subject matter experts in performance of their task efforts.

49. Technician IV

Minimum/General Experience: Ten (10) years technical experience is required. Five (5) year technical experience directly related to task.

Minimum Education: Associate's Degree in Engineering Technology, Electronics, Resource Information Management/ Information Systems, Computer Science, Business, or other related technical or logistics discipline.

Functional Responsibility: The Technician IV is a senior specialist who will work in an engineering, scientific, or programmatic environment focusing on technical studies and analysis or hardware design. They will perform moderately complex tasks in relating technical requirements to design, procurement, or maintenance issue resolution. May conduct analysis of equipment reliability and maintainability, installation requirements, drawing reviews,

performance specifications, and risk mitigation. May assess developmental, survivability, or operational test and evaluation. Individual requires strong communication skills. Has experience in one or more of the following areas:

- Systems Operations Analysis
- Architecture Requirements Definition & Design
- Interface Requirements Definition
- Automated Planning & Scheduling
- Quality Assurance
- Modeling & Simulation
- Automated Systems Security
- Network Protocols & Standards
- LAN & WAN
- Information Resource Management/Information Technology
- Computer Based Training/Web Based Training
- Database Management Systems
- Electronic Data Interchange Systems
- Distributed Databases, Processing & Control
- Help Text
- Data Security
- Multimedia & Visualization Technology Services
- Web Services

50. Technician III

Minimum/General Experience: Five (5) years technical experience is required. One year technical experience directly related to task.

Minimum Education: Associate's Degree in Resource Information Management/ Information Systems, Computer Science, Engineering, Business, or other related technical discipline.

Functional Responsibility: The Technical Specialist will work in an engineering, scientific, or programmatic environment focusing on technical studies and analysis or hardware design. Performs moderately complex tasks in relating technical requirements to design, procurement, or maintenance issue resolution. May assist in the analysis of equipment reliability and maintainability, installation requirements, drawing reviews, performance specifications, and risk mitigation. May contribute to system or item performance specifications, design reviews and audits, or to system development, testing, and evaluation. Has experience in one or more of the following areas:

- Systems Operations Analysis
- Architecture Requirements Definition & Design
- Interface Requirements Definition
- Automated Planning & Scheduling
- Quality Assurance
- Modeling & Simulation
- Automated Systems Security
- Network Protocols & Standards
- LAN & WAN
- Information Resource Management/Information Technology
- Computer Based Training/Web Based Training

Database Management Systems
Electronic Data Interchange Systems
Distributed Databases, Processing & Control
Help Text
Data Security
Multimedia & Visualization Technology Services
Web Services

51. Technician II

Minimum/General Experience: Three years technical experience is required. One year technical experience directly related to task.

Minimum Education: Associate's Degree in Engineering Technology, Electronics, Resource Information Management/ Information Systems, Computer Science, Business, or other related technical or logistics discipline.

Functional Responsibility: Provides highly technical expertise in specific functional and/or technical areas directly related to the task performance. Technical areas include but are not limited to system integration, test and evaluation, prototyping, logistics, data collection, graphics and multimedia, electronic publishing, internet/web technology, programming languages, training development, and other highly technical disciplines.

52. Technician I

Minimum/General Experience: One year of experience in the areas directly related to task.

Minimum Education: Associate's degree in related technical discipline. Two years of applicable professional training experience may be substituted for the educational requirement.

Functional Responsibility: Supports more senior technicians, engineers, analysts, scientists, and subject matter experts in performance of their task efforts.

53. Admin Staff Analyst III

Minimum/General Experience: Four years experience in technical, programmatic, and logistical support of specific contracts/tasks.

Minimum Education: Bachelor's degree in a technical, business, accounting, or other professional discipline.

Functional Responsibility: Provides support to tasks in the areas of programmatics, scheduling, program control, contract administration, financial management, configuration management, and database management as required by program managers/task managers.

54. Admin Staff Analyst II

Minimum/General Experience: Two years experience in technical, programmatic, and logistical support of specific contracts/tasks.

Minimum Education: Bachelor's degree in a technical, business, accounting, or other professional discipline.

Functional Responsibility: Provides support to tasks in the areas of programmatics, scheduling, program control, contract administration, financial management, configuration management, and database management as required by program managers/task managers.

55. Technical Illustrator III

Minimum/General Experience: Four years of progressive experience in technical illustrations/graphics for technical documents/publications/illustrations, and multimedia products.

Minimum Education: Bachelor's degree in graphic art, engineering, or technical design field.

Functional Responsibility: Provides state-of-the-art technical illustrations, graphics, and multimedia products to support a variety of analysis and research and development efforts. Works independently and installs, operates, maintains, configures, troubleshoots, and repairs IBM systems, devices, components, software, and connectivity. Assists in the development and management of project plans including review of work products for corrections, adherence to design concepts, and user requirements. Utilizes CAD/ Auto CAD systems to streamline drafting tasks.

56. Technical Illustrator I

Minimum/General Experience: Two years experience in technical illustrations/graphics for technical documents/publications/illustrations and multimedia products.

Minimum Education: High School Diploma or equivalent.

Functional Responsibility: Supports the technical staff with the design, production, quality control, and reproduction of technical illustrations/graphics products to meet task requirements.

57. Database Administrator

Minimum/General Experience: A minimum of four years of database implementation using a relational database system is required. Type of experience necessary includes experience performing relational database performance tuning, experience with development and use of stored procedures and triggers to include an extensive understanding of the impact of use and maintenance requirements, A minimum of two years experience in a supervisory role, and experience dealing in customer service environment.

Minimum Education: Bachelor's degree in Information Resource Management/Information Systems, Computer Science, Engineering, or other related scientific, technical, or professional discipline.

Functional Responsibility: Manages the implementation and maintenance of the physical database. Designs and develops the physical implementation and maintenance procedures.

58. Technical Writer I

Minimum/General Experience: Five years experience in the preparation, review, and editing of formal technical documentation and reports.

Minimum Education: Bachelor's Degree in literary or technical field.

Functional Responsibility: Researches, designs, writes, edits, and proofreads technical documents prior to publication. Coordinates scheduling and production of all supporting technical material and manuals. Knowledge of word processing, page layout and design, graphics, and ability to integrate into desktop publishing system.

59. Administrative Staff/Analyst IV

Minimum/General Experience: Six (6) years experience in technical, programmatic, and logistical support of specific contracts/tasks.

Minimum Education: Bachelor's degree in a technical, business, accounting, or other professional discipline.

Functional Responsibility: Provides support to tasks in the areas of programmatic, scheduling, program control, contract administration, financial management, configuration management, and database management as required by program managers/task managers.

60. Administrative Staff/Analyst III

Minimum/General Experience: Five (5) years experience in technical, programmatic, and logistical support of specific contracts/tasks.

Minimum Education: Bachelor's degree in a technical, business, accounting, or other professional discipline.

Functional Responsibility: Provides support to tasks in the areas of programmatic, scheduling, program control, contract administration, financial management, configuration management, and database management as required by program managers/task managers.

61. Administrative Staff/Analyst II

Minimum/General Experience: Four (4) years experience in technical, programmatic, and logistical support of specific contracts/tasks.

Minimum Education: Bachelor's degree in a technical, business, accounting, or other professional discipline.

Functional Responsibility: Provides support to tasks in the areas of programmatic, scheduling, program control, contract administration, financial management, configuration management, and database management as required by program managers/task managers.

62. Administrative Staff/Analyst I

Minimum/General Experience: Zero (0) years experience with Microsoft Office, Filemaker Pro, reference systems, and demonstrated language skills and transcription skills. Knowledge of company practices and procedures.

Minimum Education: High School diploma or equivalent.

Functional Responsibility: Provides support to tasks in the areas of programmatic, scheduling, program control, contract administration, financial management, configuration management, and database management as required by program managers/task managers.

63. Administrative Assistant

Minimum/General Experience: At least three years experience with Microsoft Office, Filemaker Pro, reference systems, and demonstrated language skills and transcription skills. Thorough knowledge of company practices and procedures.

Minimum Education: High School diploma or equivalent.

Functional Responsibility: Performs a variety of complex and routine administrative and secretarial duties.

Price Spreadsheet GS-23F-0090P, Sigmatech, Inc.

SINs and PEDs SINs 871-1 thru 871-6 PEDs Elect - SINs 871-1 thru 871-6 Mechanical - SINs 871-2 thru 871-6 Labor Categories	Option 1				Option 2		
	Year 6 1/8/2009 to 1/7/2010	Year 7 1/8/2010 to 1/7/2011	Year 8 1/8/2011 to 1/7/2012	Year 9 1/8/2012 to 1/7/2013	Year 10 1/8/2013 to 1/7/2014	Year 11 1/8/2014 to 1/7/2015	Year 12 1/8/2015 to 1/7/2016
Subject Matter Expert V	\$331.59	\$344.85	\$358.65	\$372.99	\$387.91	\$403.43	\$419.57
Subject Matter Expert IV	\$280.77	\$292.00	\$303.68	\$315.83	\$328.46	\$341.60	\$355.26
Subject Matter Expert III	\$237.74	\$247.25	\$257.14	\$267.42	\$278.12	\$289.25	\$300.82
Subject Matter Expert II	\$201.30	\$209.35	\$217.73	\$226.44	\$235.49	\$244.91	\$254.71
Subject Matter Expert (SME)	\$170.42	\$177.24	\$184.33	\$191.70	\$199.37	\$207.35	\$215.64
Consultant V	\$212.69	\$221.20	\$230.04	\$239.25	\$248.82	\$258.77	\$269.12
Consultant IV	\$180.09	\$187.29	\$194.78	\$202.58	\$210.68	\$219.11	\$227.87
Consultant III	\$152.49	\$158.59	\$164.93	\$171.53	\$178.39	\$185.53	\$192.95
Consultant II	\$129.12	\$134.28	\$139.66	\$145.24	\$151.05	\$157.09	\$163.38
Consultant I	\$109.33	\$113.70	\$118.25	\$122.98	\$127.90	\$133.02	\$138.34
Sr. Program Manager III	\$171.77	\$178.64	\$185.79	\$193.22	\$200.95	\$208.99	\$217.34
Sr. Program Manager II	\$159.76	\$166.15	\$172.80	\$179.71	\$186.90	\$194.38	\$202.15
Sr. Program Manager (Sr PM)	\$144.30	\$150.08	\$156.08	\$162.32	\$168.81	\$175.57	\$182.59
Sr. Principal Investigator (Sr PI)	\$147.74	\$153.65	\$159.80	\$166.19	\$172.84	\$179.75	\$186.94
Program Manager (PM)	\$105.98	\$110.22	\$114.62	\$119.21	\$123.98	\$128.94	\$134.09
Technical Director (TD)	\$110.84	\$115.27	\$119.88	\$124.68	\$129.67	\$134.85	\$140.25
Engineer IV (ENG IV)	\$120.57	\$125.39	\$130.41	\$135.63	\$141.05	\$146.69	\$152.56
Engineer III (ENG III)	\$91.24	\$94.89	\$98.68	\$102.63	\$106.73	\$111.00	\$115.44
Engineer II (ENG II)	\$70.14	\$72.95	\$75.87	\$78.90	\$82.06	\$85.34	\$88.75
Engineer I (ENG I)	\$57.13	\$59.42	\$61.80	\$64.27	\$66.84	\$69.51	\$72.29
Research Engineer (RE)	\$107.13	\$111.42	\$115.87	\$120.51	\$125.33	\$130.34	\$135.55
Investigator (INV)	\$103.06	\$107.18	\$111.47	\$115.93	\$120.57	\$125.39	\$130.41
Scientist V	\$121.93	\$126.70	\$131.77	\$137.04	\$142.52	\$148.22	\$154.15
Scientist IV (SCI IV)	\$109.39	\$113.76	\$118.31	\$123.04	\$127.97	\$133.08	\$138.41
Scientist III (SCI III)	\$95.85	\$99.69	\$103.67	\$107.82	\$112.13	\$116.62	\$121.28
Scientist I (SCI I)	\$80.93	\$84.16	\$87.53	\$91.03	\$94.67	\$98.46	\$102.40
Research Engineer IV	\$126.32	\$131.37	\$136.63	\$142.09	\$147.78	\$153.69	\$159.84
Research Engineer III	\$107.13	\$111.42	\$115.87	\$120.54	\$125.33	\$130.34	\$135.55
Research Engineer II	\$73.57	\$76.51	\$79.57	\$82.76	\$86.07	\$89.51	\$93.09
Research Engineer I	\$56.43	\$58.69	\$61.03	\$63.48	\$66.02	\$68.66	\$71.40
Concept/Principal Analyst (CPANA)	\$118.95	\$123.71	\$128.66	\$133.81	\$139.16	\$144.73	\$150.52
Programmer Analyst (PRO ANA)	\$89.75	\$93.34	\$97.08	\$100.96	\$105.00	\$109.20	\$113.57
Programmer Analyst Jr.	\$57.98	\$60.30	\$62.71	\$65.22	\$67.83	\$70.54	\$73.36
Systems Analyst III	\$108.78	\$113.13	\$117.66	\$122.36	\$127.26	\$132.35	\$137.64
Systems Analyst II (SYS ANA II)	\$80.87	\$84.10	\$87.46	\$90.96	\$94.60	\$98.39	\$102.32
Systems Analyst I (SYS ANA I)	\$66.71	\$69.38	\$72.16	\$75.04	\$78.04	\$81.17	\$84.41
Analyst III (ANA III)	\$77.65	\$80.76	\$83.99	\$87.35	\$90.84	\$94.48	\$98.25
Analyst II (ANA II)	\$67.87	\$70.58	\$73.40	\$76.34	\$79.39	\$82.57	\$85.87
Analyst I (ANA I)	\$57.53	\$59.83	\$62.22	\$64.71	\$67.30	\$69.99	\$72.79
Cost/Risk Analyst (CT RK ANA)	\$80.78	\$84.01	\$87.37	\$90.87	\$94.50	\$98.28	\$102.22
Programmer IV	\$96.94	\$100.82	\$104.85	\$109.04	\$113.41	\$117.94	\$122.66
Programmer III (PRO III)	\$79.69	\$82.88	\$86.19	\$89.64	\$93.23	\$96.96	\$100.83
Programmer II (PRO II)	\$73.53	\$76.47	\$79.53	\$82.71	\$86.02	\$89.46	\$93.04
Programmer I (PRO I)	\$65.78	\$68.41	\$71.14	\$73.99	\$76.95	\$80.03	\$83.23
Logistician IV	\$126.36	\$131.41	\$136.67	\$142.14	\$147.82	\$153.74	\$159.89

Logistician Staff III (LOG III)	\$94.40	\$98.18	\$102.10	\$106.19	\$110.43	\$114.85	\$119.45
Logistician Staff II (LOG II)	\$72.29	\$75.18	\$78.18	\$81.31	\$84.56	\$87.95	\$91.46
Logistician Staff I (LOG I)	\$31.17	\$32.42	\$33.71	\$35.06	\$36.46	\$37.92	\$39.44
Technician IV	\$95.54	\$99.36	\$103.34	\$107.47	\$111.77	\$116.24	\$120.89
Technician III	\$75.92	\$78.96	\$82.12	\$85.40	\$88.82	\$92.37	\$96.06
Technician II (TECH II)	\$51.01	\$53.05	\$55.17	\$57.37	\$59.67	\$62.06	\$64.54
Technician I (TECH I)	\$49.72	\$51.71	\$53.78	\$55.93	\$58.16	\$60.49	\$62.91
Adm Staff/Ana III (ADM III)	\$64.15	\$66.71	\$69.38	\$72.16	\$75.04	\$78.05	\$81.17
Adm Staff/Ana II (ADM II)	\$61.18	\$63.63	\$66.17	\$68.82	\$71.57	\$74.44	\$77.41
Tech Illustrator III (TE ILL III)	\$60.57	\$63.00	\$65.52	\$68.14	\$70.86	\$73.70	\$76.65
Tech Illustrator I (TE ILL I)	\$39.10	\$40.66	\$42.29	\$43.98	\$45.74	\$47.57	\$49.47
Database Administrator (DB)	\$62.47	\$64.97	\$67.57	\$70.27	\$73.08	\$76.00	\$79.04
Tech Writer I (TE WR I)	\$44.57	\$46.35	\$48.20	\$50.13	\$52.14	\$54.22	\$56.39
Administrative Staff/Analyst IV	\$72.28	\$75.17	\$78.18	\$81.31	\$84.56	\$87.94	\$91.46
Administrative Staff/Analyst III	\$64.15	\$66.72	\$69.38	\$72.16	\$75.05	\$78.05	\$81.17
Administrative Staff/Analyst II	\$61.18	\$63.63	\$66.17	\$68.82	\$71.57	\$74.43	\$77.41
Administrative Staff/Analyst I	\$52.30	\$54.39	\$56.57	\$58.83	\$61.18	\$63.63	\$66.18
Administrative Assistant (AA)	\$44.52	\$46.30	\$48.15	\$50.08	\$52.08	\$54.16	\$56.33

Prices include an Industrial Funding Fee (IFF) of .75% and annual escalation of 4% beginning with Option 1, Year 7.