

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 are available through GSA *Advantage!*®, a menu-driven database system. The INTERNET address GSA *Advantage!*® is: GSAAdvantage.gov.

Multiple Award Schedule

FSC Group: Information Technology

FSC Class:

Contract number: GS-35F-577GA

Contract period: January 28, 2017 – January 27, 2022

Science Applications International Corporation
12010 Sunset Hills Rd
Reston, VA 20190

Contractor's internet address/web site where schedule information can be found: www.saic.com

SAIC GSA PROGRAM MANAGEMENT OFFICE:

Program Manager: Ana-Valeria Silva-Horan
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Contract Manager: Timothy E. Bodnar, Jr.
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Business size: Large

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

Price list current as of Modification PS –0023 effective June 16, 2020

Prices Shown Herein are Net

CUSTOMER INFORMATION

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

| SINs | SIN Title |
|--------|--|
| 54151S | Information Technology Professional Services |
| OLM | Order-Level Materials (OLM's) |

1b. Lowest Priced Model Number and Price for each SIN: See SIN-specific pricing tables.

| SIN | Model | Price |
|--------|-------|---|
| OLM | | Determined at the delivery/task order level |
| 54151S | | SEE PRICE LIST BELOW |

1c. Hourly Rates.

| SIN | Model | Price |
|--------|-------|--|
| OLM | | Determined at the delivery/task order level |
| 54151S | | SEE DESCRIPTION, JOB TITLES, RESPONSIBILITIES, EXP/EDU BELOW |

2. Maximum order: \$500,000 (the Maximum Order Threshold is not a ceiling on order size).

| SINs | Maximum Order |
|--------|---|
| 54151S | \$500,000 per order |
| OLM | Determined at the delivery/task order level |

3. Minimum order: \$100

4. Geographic coverage (delivery area). SAIC worldwide locations.

5. Point(s) of production (city, county, and State or foreign country). SAIC worldwide locations.

6. Discount from list prices or statement of net price. Government Net Prices (IFF added)

7. Quantity discounts. Discounts may be negotiated at the delivery/task order level.

8. Prompt payment terms. None. Net 30 Days. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

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

10a. Time of delivery. (Contractor insert number of days.) Specified in negotiated delivery/task orders.

10b. Expedited Delivery. Items available for expedited delivery are noted in this price list. Specified in negotiated delivery/task orders.

10c. Overnight and 2-day delivery. Specified in negotiated delivery/task orders.

10d. Urgent Requirements. Contact Contractor. Time of delivery is specified in negotiated delivery/task orders.

11. F.O.B. point(s). Destination

12a. Ordering address(es).

Science Applications International Corporation (SAIC)

12010 Sunset Hills Road

Reston, VA 20190

ATTENTION: Timothy E. Bodnar, Jr.: Phone: 301-401-3440, E-mail: timothy.e.bodnar.jr@saic.com

12b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.

13. Payment address(es).

Should Electronic Funds Transfer (EFT) payment be available, SAIC requests that the EFT remittance be specified as follows:

Science Applications International Corporation (SAIC)

Bank: Bank of America

Account #1291244241

ABA Routing Number: 122000030

Should EFT not be available, the remittance address is as follows:

Science Applications International Corporation (SAIC)

P. O. Box 742497

Atlanta, GA 30374-2497

Reference Information for all Checks:

-The name of the customer making payment

-The contract number/delivery order number

-The invoice number

-If available, project number

14. Warranty provision. Provision for any appropriate and applicable warranties shall be specifically identified in individual orders. Such warranties are subject to the negotiations between the ordering agencies and the contractor.

15. Export packing charges, if applicable. Not Applicable

16. Terms and conditions of rental, maintenance, and repair (if applicable). Not Applicable

17. Terms and conditions of installation (if applicable). Not Applicable

18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable). Not Applicable

18b. Terms and conditions for any other services (if applicable). Not Applicable

19. List of service and distribution points (if applicable). Not Applicable

20. List of participating dealers (if applicable). Not Applicable

21. Preventive maintenance (if applicable). Not Applicable

22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants). Not Applicable

22b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov/.

Not Applicable

23. Unique Entity Identifier (UEI) number. 078883327

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

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Disaster Recovery Programs

Contractor has been awarded under the cooperative purchasing and disaster recovery programs. All awarded SINs are available to state and local government entities.

SIN 54151S - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES

| | |
|----------------|---|
| FPDS Code D301 | IT Facility Operation and Maintenance |
| FPDS Code D302 | IT Systems Development Services |
| FPDS Code D306 | IT Systems Analysis Services |
| FPDS Code D307 | Automated Information Systems Design and Integration Services |
| FPDS Code D308 | Programming Services |
| FPDS Code D311 | IT Data Conversion Services |
| FPDS Code D316 | IT Network Management Services |
| FPDS Code D317 | Automated News Services, Data Services, or Other Information Services |
| FPDS Code D399 | Other Information Technology Services, Not Elsewhere Classified |

Note 1: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

Note 2: Offerors and ordering activities are advised that the Group 70 – Information Technology Schedule is not to be used as a means to procure services which properly fall under the Brooks Act. These services include, but are not limited to, architectural, engineering, mapping, cartographic production, remote sensing, geographic information systems, and related services. FAR 36.6 distinguishes between mapping services of an A/E nature and mapping services which are not connected nor incidental to the traditionally accepted A/E Services.

Note 3: This solicitation is not intended to solicit for the reselling of IT Professional Services, except for the provision of implementation, maintenance, integration, or training services in direct support of a product. Under such circumstances the services must be performance by the publisher or manufacturer or one of their authorized agents.

Labor Descriptions

Administrative/Graphics Specialist

Functional Responsibility: Prepares correspondence, maintains schedules, and coordinates travel. Assists in the preparation of presentation graphics and supports the development of contract deliverables and reports by developing and updating graphic presentations to improve the quality and enhance the usability of these documents. Responsible for integrating the graphics generated with automated tools and deliverable documents.

Minimum Education/Experience: Requires a high school diploma and a minimum of two years' experience in office administration and developing graphic artistic presentations for publications and documents (preferably technical documentation). Requires one year of specialized experience using commercial automated word processing (e.g., WordPerfect, Word), graphics systems (Harvard Graphics, Freelance, etc.), and desktop publishing systems. With an Associate's Degree in Computer Science, Information Systems, Engineering, Business, or related discipline, one year general experience and one year of specialized experience are required.

Budget/Financial Analyst

Minimum/General Experience: Requires 5 years of budget, cost, schedule analysis, operations research, or engineering experience. An advanced business, computer science or engineering degree may substitute for the experience requirement.

Functional Responsibility: Advise on and perform professional cost, budget and schedule measurement work. Requires the technical ability to develop and manipulate databases, assess future trends, technological implications, and evaluate new and innovative acquisition strategies.

Minimum Education: Bachelors degree in business, finance, accounting, computer science, engineering, operations research, mathematics or related field.

Budget/Financial Analyst, Junior

Minimum/General Experience: Requires 2 years of budget, cost, schedule analysis, database development and utilizations, operations research, or engineering experience.

Functional Responsibility: Perform professional cost, budget and schedule measurement work. Requires the technical ability to develop and manipulate databases, assess future trends, technological implications, and evaluate new and innovative acquisition strategies.

Minimum Education: Bachelor's degree in business, finance, accounting, computer science, engineering, operations research, mathematics or related field. Requires 24 units of Quantitative Analysis.

Budget/Financial Analyst, Senior

Minimum/General Experience: Requires 8 years of budget, cost, schedule analysis, operations research, or engineering experience, at least 2 of which are involved in military equipment. One of the years must have been in a management position. An advanced business, computer science or engineering degree may substitute for two years of the experience requirement.

Functional Responsibility: Plan, organize and direct the budget, cost, and schedule analysis efforts of a group of specialists skilled in information technology, military operations, engineering, management, programming and pricing. Work requires the technical capability to develop and manipulate databases, assess budget, cost, and schedule implications of existing and projected technological advances.

Minimum Education: Bachelor's degree in business, finance, accounting, computer science, engineering, operations

research, mathematics or related field.

Communications Engineer

Minimum/General Experience: Requires a minimum of 3 years of telecommunications and networking experience.

Functional Responsibility: Capable of evaluating, analyzing, and designating data communication standards, interface criteria, modem requirements, communications security equipment requirements and operating characteristics. Must be able to apply appropriate traffic engineering practices to communications networks that ensure their ability to support the data processing requirements.

Minimum Education: Bachelor's degree in technical field such as Electrical Engineering or Computer Science.

Communications/Network Manager

Functional Responsibility: Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and other network related problems, and, provides technical expertise for performance and configuration of networks. Performs general LAN/MAN/WAN administration, provides technical leadership in the integration and test of complex large-scale computer integrated networks. Schedules conversion and cutovers. Oversees network control center. Supervises maintenance of systems. Coordinates with all responsible users and sites. Supervises staff.

Minimum Education: A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. This position requires a minimum of 7 years' experience of which 4 years must be specialized. Specialized experience includes network management, engineering, and administration. CNE or ACNE certification is desirable. General experience includes all aspects of communication network planning, installation, and support. With a Master's Degree (in the fields described above), 5 years general experience of which at least 2 years must be specialized is required. With 11 years general experience of which at least 8 years is specialized, a degree is not required.

Computer Systems Engineer

Minimum/General Experience: Requires a minimum of 2 years' experience in analyzing information requirements, helping develop plans for automated information systems from inception to conclusion, developing system requirements and program specifications.

Functional Responsibility: Analyzes and evaluates existing or proposed systems and devises computer systems to process data.

Minimum Education: Bachelor's degree in technical field such as Computer Science or Information Systems.
Computer Systems Engineer, Senior

Minimum/General Experience: Requires a minimum of 10 years' experience with at least 8 years' experience including analysis and design of applications on complex systems for large scale computers, experience in database management concepts, use of programming languages such as Ada, COBOL, C, C++. Knowledge of current storage and retrieval methods and demonstrated ability to formulate specifications for computer programmers to sue in coding, testing and debugging of computer programs.

Functional Responsibility: Analyzes and evaluates existing or proposed systems and devises computer systems to process data.

Minimum Education: Bachelor's degree in technical field such as Computer Science or Information Systems.

Computer Technician

Minimum/General Experience: 5 years of intensive and progressive specific experience in planning, designing, and analyzing telecommunications networks, with 1 year experience in management of IRM engineering projects (managing desktop computing contracts). Experience should include demonstrated knowledge of Ethernet and FDDI and a working knowledge of operating systems and protocols such as Novell, NT, UNIX, VINES, and TCP/IP. Should have experience with network analysis/management tools and techniques and be familiar with PCs in a client server environment. Should be familiar with IT and long distance and local carrier management.

Functional Responsibility: Assists in the design and implementation of LAN/WANs using hub and router technology. Performs hardware/software analyses to provide comparative data of performance characteristics and suitability within the existing systems environment. Prepares trade-off studies and evaluations for vendor equipment. Generates network monitoring/performance reports for LAN/WAN utilization studies. Recommends network design changes/enhancements for improved system availability and performance. Performs a variety of network management functions related to the operation, performance, or availability of data communications networks. May be responsible for daily operation of computer networking equipment, monitoring and tuning equipment, and establishing user accounts.

Minimum Education: Bachelor's degree in Computer Science, Business, Finance, Accounting, Engineering, Operations Research, Mathematics, or related field.

Database Management Analyst

Minimum/General Experience: Requires a minimum of 5 years of management and practical database management experience.

Functional Responsibility: Requires both technical and management skills which shall be used to coordinate and manage support efforts from a team of technical experts consisting of test and evaluation specialists, computer software experts, and functional area experts to properly understand current database management system considerations and recommendations. Specific experience in designing and building databases using the DBMS software required by the user's application may be required.

Minimum Education: Bachelor's degree in Computer Science.
Database Management Analyst

Minimum/General Experience: Requires a minimum of 5 years of management and practical database management experience.

Functional Responsibility: Requires both technical and management skills which shall be used to coordinate and manage support efforts from a team of technical experts consisting of test and evaluation specialists, computer software experts, and functional area experts to properly understand current database management system considerations and recommendations. Specific experience in designing and building databases using the DBMS software required by the user's application may be required.

Minimum Education: Bachelor's degree in Computer Science.

Database Management Analyst, Senior

Minimum/General Experience: Requires a minimum of 10 years of management and practical database management experience.

Functional Responsibility: Requires both technical and management skills which shall be used to coordinate and manage support efforts from a team of technical experts consisting of test and evaluation specialists, computer software experts, and functional area experts to properly understand current database management system considerations and recommendations. Specific experience in designing and building databases using the DBMS software required by the user's application may be required.

Minimum Education: Bachelors degree in Computer Science.

Functional Analyst

Functional Responsibility: Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task.

Minimum Education: A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. This position requires a minimum of 6 years' experience, of which at least 3 years must be specialized. Specialized experience includes: developing functional requirements for complex integrated IT systems. With a Master's Degree (in the fields described above): 4 years of general experience of which at least 1 year must be specialized experience is required. With 10 years of general experience of which at least 8 years is specialized, a degree is not required.

Functional Analyst, Junior

Functional Responsibility: Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task.

Minimum Education: A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. This position requires a minimum of 3 years' experience, of which at least 1 year must be specialized. Specialized experience includes: developing functional requirements for complex integrated ADP systems. With a Master's Degree (in the fields described above): 1 year of specialized experience is required. With 7 years of general experience of which at least 5 years is specialized, a degree is not required.

Functional Analyst, Senior

Functional Responsibility: Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Provides daily supervision and direction to support staff.

Minimum Education: A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. This position requires a minimum of 10 years' experience, of which at least 6 year must be specialized. Specialized experience includes functional experience with the specific requirements of a task order or developing functional requirements for complex integrated IT systems. With a Master's Degree (in the fields described above) 8 years of general experience of which 4 years must be specialized experience is required. With 14 years of general experience of which at least 10 years is specialized, a degree is not required.

Help Desk Manager

Functional Responsibility: Provides daily supervision and direction to staff who are responsible for phone and in person support to users in the areas of e-mail, directories, standard Windows desktop applications, and deployed applications.

Minimum Education: A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. This position requires a minimum of 7 years' experience, of which at least 5 year must be specialized. Specialized experience includes: management of help desks in a multi- server environment, help desk support, and end user

training. General experience includes information systems development, network and other work in the client/server or related fields. With a Master's Degree (in the fields described above) 5 years of general experience of which 3 years must be specialized experience is required. With 11 years of general experience of which at least 9 years is specialized, a degree is not required.

Help Desk Specialist

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and custom-developed applications. Serves as the initial point of contact for troubleshooting hardware/software, PC, and printer peripherals problems.

Minimum Education: An Associate's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. This position requires a minimum of 5 years' experience, of which at least 3 years must be specialized. Specialized experience includes: diagnosis of problems and user assistance with PC operating systems, networking, and mail standards or work on a help desk. General experience includes information systems development, network and other work in the client/server or related fields. With a Bachelor's Degree (in the fields described above) 4 years of general experience and at least 2 years of specialized experience are required. With 8 years general experience of which at least 6 years is specialized, a degree is not required.

HTML Editor

Minimum/General Experience: Requires 3 years of progressive experience with computer applications such as Microsoft Office, Lotus Smartsuite, or Corel Office Suites. Requires 1 year experience with HTML Editors- such as HOT DOG, Homesite, or Similar tools; Web Site Development Tools – such as Front Page, Cold Fusion, JAVA, Active Server Pages; Graphics Creation/Manipulation of tools: such as Adobe Illustrator, Adobe Photoshop, HTML, XML, or Dynamic HTML.

Functional Responsibility: Provide assistance to clients to enable them to fulfil their web related responsibilities. Assistance will include: collecting and organizing information required for preparation of user manuals, training materials, installation guides, proposals and reports; creative editing of HTML or work processing documents; creation of documentation and utilization of FTP to post web content. Design of web pages including layout and graphical content. Research new technology. Assist web developers and web master.

Minimum Education: Bachelor's Degree with 1 year of experience. High School Degree with 3 years.

Information Engineer, Senior

Functional Responsibility: Applies a set of disciplines for the planning, analysis, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Performs process and data modeling in support of the planning and analysis efforts using CASE tools where appropriate. Provides technical guidance in software engineering techniques and automated support tools.

Minimum Education/Experience: A Master's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. This position requires a minimum of 10 years' experience in information systems development, functional and data requirements analysis, systems analysis and design, programming, program design and documentation preparation. Of the 10 years general experience, a minimum of 7 years specialized experience is required in the following: management of all phases of information engineering projects, systems analysis, systems design, and/or system development using CASE and IE tools and methods. With a Bachelor's Degree in fields identified above and 12 years general experience of which at least 9 years must be specialized.

Logistics Analyst

Minimum/General Experience: Requires a minimum of 4 years of experience in two or more technological areas directly related to the work areas in which the individual performs, including experience in logistics planning and in all phases of system acquisition.

Functional Responsibility: Provide integrated logistic support (ILS) activities designed to provide effective and efficient life-cycle support of equipment or systems.

Minimum Education: Bachelor's Degree with at least 25 weeks technical and logistics training, ie. Computer, support equipment, logistics acquisition, etc.

Logistics Analyst, Senior

Minimum/General Experience: Requires a minimum of 10 years of experience in two or more technological areas directly related to the work areas in which the individual performs, including experience in logistics planning and in all phases of system acquisition.

Functional Responsibility: Lead and direct integrated logistic support (ILS) activities designed to provide effective and efficient life-cycle support of equipment or systems.

Minimum Education: Bachelor's Degree with at least 60 weeks technical and logistics training, ie. Computer, support equipment, logistics acquisition, etc.

Network Engineer

Minimum/General Experience: Requires 8 years of intensive and progressive specific experience in planning, designing, and analyzing telecommunications networks; 4 years' experience in supervision of IRM engineering projects, 2 years of which must have been in supervising desktop computing contracts. Experience should include demonstrated knowledge of Ethernet and FDDI and a working knowledge of operating systems and protocols such as Novell, NT, UNIX, VINES< and TCP/IP. Should have experience with network analysis/management tools and techniques and be familiar with PCs in a client/server environment. Should be familiar with IT and long distance and local carrier management.

Functional Responsibility: Responsible for the design and implementation of LAN/WANs using hub and router technology. Performs hardware/software analyses to provide comparative data of performance characteristics and suitability within the existing systems environment. Prepares trade-off studies and evaluations for vendor equipment. Generates network monitoring/performance reports for LAN/WAN utilization studies. Recommends network design changes/enhancements for improved system availability and performance. Performs a variety of network management functions related to the operation, performance, or availability of data communications networks. May be responsible for daily operation of computer networking equipment, monitoring and tuning equipment, and establishing user accounts. May manage network e-mail functions, troubleshooting network/user problems, and implementation of solutions. May assist in the development and management of project plans. Coordinates with Contractor's project manager, Government COR, and Government user representative to ensure accurate solutions and user satisfaction on technical matters.

Minimum Education: Bachelor's Degree in Computer Science, Business, Finance, Accounting, Engineering, Operations Research, Mathematics, or related field.

Office Automation (OA) Trainer

Minimum/General Experience: Requires 2 years of progressive IRM experience, including at least two projects in the service function including: training, network installation, and network design. At least one project must have occurred within the past 3 years.

Functional Responsibility: Assists in the design and implementation of LAN/WANs using hub and router technology. Performs hardware/software analyses to provide comparative data of performance characteristics and suitability within the existing systems environment. Prepares trade-off studies and evaluations for vendor equipment. Assists in generating network monitoring/performance reports for

LAN/WAN utilization studies. Recommends network design changes/enhancements for improved system availability and performance. Performs a variety of network management functions. May be responsible for operating and maintaining network management centers managing networks in client organizations. May manage network e-mail functions. Troubleshoots network/user problems, and may identify and implement solutions. May assist in the development and management of project plans

Minimum Education: Bachelor's Degree in Computer Science, Business, Finance, Accounting, Engineering, Operations Research, Mathematics, or related field.

Program (Contract) Manager

Minimum/General Experience: Requires a minimum of 7 years' experience in acquisition/engineering project development from inception to deployment, demonstrated ability to provide guidance and direction in the services offered and described in the solicitation and proven expertise in the management and control of funds and resources.

Functional Responsibility: Serves as the contractor's single point of contact with the Government user customer. Responsible for formulating and enforcing work standards, assigning schedules, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. Responsible for the overall contract performance.

Minimum Education: Bachelor's Degree in one of the information technology fields such as Computer Science, Information Systems, Engineering or other relevant or technical discipline.

Programmer/Program Analyst

Minimum/General Experience: Requires a minimum of 2 years' experience in designing, coding, testing, developing and documenting application programs for complex computer systems; performing modification to and maintenance of highly complex operational programs and procedures.

Functional Responsibility: Formulate and implement solutions to complex and/or highly specialized problems requiring a measure of creative thinking for the development of complex systems solutions to customer requirements.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business or other relevant or technical discipline.

Programmer/Program Analyst, Sr.

Minimum/General Experience: Requires a minimum of 8 years' experience in designing, coding, testing, developing and documenting application programs for complex computer systems; performing modification to and maintenance of highly complex operational programs and procedures.

Functional Responsibility: Formulate and implement solutions to complex and/or highly specialized problems requiring a measure of creative thinking for the development of complex systems solutions to customer requirements. Provide technical direction to other program analysts.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering,

Business or other related scientific or technical discipline.

Project (Task) Manager

Minimum/General Experience: Requires a minimum of 12 years' experience of which 9 years must include specialized experience to include acquisition/engineering project development from inception to deployment, demonstrated ability to provide guidance and direction in tasks inherent in the services offered and proven expertise in the management and control of funds and resources.

Functional Responsibility: Reports to the Program Manager on task performance, responsible for cost, schedule, and technical performance of assigned task.

Minimum Education: Bachelor's Degree in one technical field such as Computer Science, Engineering or other task relevant discipline.

Quality Assurance Engineer

Minimum/General Experience: Requires a minimum of 4 years' experience with at least 2 years specialized experience including configuration management, verification and validation, and analysis of development and production limitations and standards.

Functional Responsibility: For hardware and software plans and performs quality research, software development or hardware engineering assignments.

Minimum Education: Bachelor's Degree in a technical field such as Computer Science or Engineering.

Quality Assurance Manager

Minimum/General Experience: Requires a minimum of 8 years' experience with at least 5 years specialized experience including configuration management, verification and validation, software testing and integrations and software metrics and their application to software quality assessment.

Functional Responsibility: For both hardware and software, designs and installs quality processes and procedures, sampling techniques and statistical analysis; designs or specifies inspection and testing requirements and equipment; and formulates quality policies and procedures.

Minimum Education: Bachelor's Degree in a technical field such as Computer Science or Engineering.

Scientist, Senior

Minimum/General Experience: Requires a minimum 15 years' experience in providing ADP support services to include supervision of system architects, use of structured analysis, design methodologies and design tools, object oriented principles and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems.

Functional Responsibility: Directing and coordinating all activities related to specific project tasks or research and development programs requiring a wide variety of technical skills.

Minimum Education: Master's Degree in Computer Science or Information Systems.

Secure Information Technologist One

Minimum/General Experience: This position requires a minimum of 1 year of experience in UNIX, Microsoft, or open systems-compliant systems.

Functional Responsibility: Assists with the operation of the secure data center computer systems, networks, and/or applications. These consist of computing architectures running on mainframes, minis, and micros. Responsibilities for this position will be to perform entry level functions and to assist in one or more of the following:

Continuously monitors all component equipment and take appropriate corrective action to ensure operational readiness;

Provides assistance to users in accessing and using systems.

Works with users to define and formulate application requirements;

Performs basic applications systems analysis and programming;

Provides entry level support in the design, code, test, debug, and documentation of applications systems.

Minimum Education: A Secret Security Clearance. A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

Secure Information Technologist Two

Minimum/General Experience: This position requires a minimum of 2 years of experience, of which at least 1 year must be specialized experience in UNIX, Microsoft, or open systems-compliant systems. General experience includes operations support for a large-scale computer system or a multi-server local area network.

Functional Responsibility: Assists with the operation of the secure data center computer systems, networks, and/or applications. These consist of computing architectures running on mainframes, minis, and micros. Responsibilities for this position will be to perform entry level functions and to assist in one or more of the following:

Ensures the safe, continuous operation of the center;

Continuously monitors all component equipment and take appropriate corrective action to ensure operational readiness;

Provides assistance to users in accessing and using systems.

Works with users to define and formulate application requirements;

Performs basic applications systems analysis and programming;

Designs, codes, tests, debugs, and documents application systems.

Provides quality assurance, center security, and all operational reporting requirements;

Evaluates data center resources;
Participates in the daily activities of configuration and operation of computer systems; and,
Participates in optimizing system operation and resource utilization.

Minimum Education: A Secret Security Clearance. A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

Secure Information Technologist Three

Minimum/General Experience: This position requires a minimum of 4 years of experience, of which at least 2 year must be specialized experience in UNIX, Microsoft, or open systems-compliant systems. General experience includes operations support for a large-scale computer system or a multi-server local area network.

Functional Responsibility: Operates the secure data center computer systems, networks, and/or applications. These consist of computing architectures running on mainframes, minis, and micros. Responsibilities for this position will be to perform entry level functions and to assist in one or more of the following:

Ensures the safe, continuous operation of the center;
Continuously monitors all component equipment and take appropriate corrective action to ensure operational readiness;
Provides assistance to users in accessing and using systems.
Works with users to define and formulate application requirements;
Performs basic applications systems analysis and programming;
Designs, codes, tests, debugs, and documents application systems.
Provides quality assurance, center security, and all operational reporting requirements;
Evaluates data center resources and recommends and acquires additional capacity;
Participates in the daily activities of configuration and operation of computer systems;
May assist team lead or serve as team lead for the management of a task; and,
Optimizes system operation and resource utilization, and performs system capacity analysis and planning.

Minimum Education: A Secret Security Clearance. A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

Secure Information Technologist Four

Minimum/General Experience: This position requires a minimum of 8 years of experience, of which at least 4 years must be specialized experience in UNIX, Microsoft, or open systems-compliant systems. General experience includes operations support for a large-scale computer system or a multi-server local area network.

Functional Responsibility: Operates and manages the secure data center computer systems, networks, and/or applications. These consist of computing architectures running on mainframes, minis, and micros. Responsibilities for this position will be to perform entry level functions and to assist in one or more of the following:

- Ensures the safe, continuous operation of the center;
- Continuously monitors all component equipment and take appropriate corrective action to ensure operational readiness;
- Provides assistance to users in accessing and using systems.
- Works with users to define and formulate application requirements;
- Performs applications systems analysis and programming;
- Designs, codes, tests, debugs, and documents application systems.
- Provides quality assurance, center security, and all operational reporting requirements;
- Evaluates data center resources and recommends and acquires additional capacity;
- Leads the daily activities of configuration and operation of computer systems;
- May lead one or multiple interrelated technical tasks; and,
- Optimizes system operation and resource utilization, and performs system capacity analysis and planning.

Minimum Education: A Secret Security Clearance. A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

Secure Information Technologist Six

Minimum/General Experience: This position requires a minimum of 15 years of experience, of which at least 8 years must be specialized experience in UNIX, Microsoft, or open systems-compliant systems. General experience includes operations support for a large-scale computer system or a multi-server local area network.

Functional Responsibility: Manages and operates the secure data center computer systems, networks, and/or applications. These consist of computing architectures running on mainframes, minis, and micros. Responsibilities for this position will be to perform entry level functions and to assist in one or more of the following:

- Ensures the safe, continuous operation of the center;
- Continuously monitors all component equipment and take appropriate corrective action to ensure operational readiness;
- Provides assistance to users in accessing and using systems.
- Works with users to define and formulate application requirements;
- Performs applications systems analysis and programming;
- Designs, codes, tests, debugs, and documents application systems.
- Provides quality assurance, center security, and all operational reporting requirements;

Evaluates data center resources and recommends and acquires additional capacity;
Manages and supervises the daily activities of configuration and operation of computer systems;
Manages one or multiple interrelated technical functions, implements performance plans, and resolves issues; and,
Optimizes system operation and resource utilization, and performs system capacity analysis and planning.

Minimum Education: A Secret Security Clearance. A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

Software Engineer

Minimum/General Experience: Requires a minimum of 4 years' experience in information system development including programming experience on database management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives.

Functional Responsibility: Perform complex analysis, design, development, testing of computer software in support of complex system requirements. Design software tools and subsystems to support software reuse and domain analyses. Manage software development and support using formal specifications, data flow diagrams, other accepted design techniques, and CASE tools.

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

Software Engineer, Senior

Minimum/General Experience: Requires a minimum of 10 years' experience in information system development, functional and data requirements analysis, systems analysis and design, programming, program design, and documentation preparation, management of complex software projects and experience using CASE tools and methods in a client/server environment.

Functional Responsibility: Perform complex analysis, design, development, testing of computer software in support of complex system requirements. Design software tools and subsystems to support software reuse and domain analyses. Manage software development and support using formal specifications, data flow diagrams, other accepted design techniques, and CASE tools.

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

Software Engineer, Principal

Minimum/General Experience: Requires a minimum of 14 years' experience in information system development, functional and data requirements analysis, systems analysis and design, system software specification, design and implementation; programming; program design; and documentation preparation, management of complex software projects and experience using CASE tools and methods in a client/server

Environment; technical writing skills. Ability to provide guidance and direction to junior level software engineers.

Functional Responsibility: Perform complex analysis, design, development, testing of computer software in support of complex system requirements. Design software tools and subsystems to support software reuse and domain analyses. Manage software development and support using formal specifications, data flow diagrams, other accepted design techniques, and CASE tools.

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

Subject Matter Expert, Senior

Functional Responsibility: Plans, conducts, directs research, development and/or implementation work on specialized and/or complex tasks necessitating the organization and application of innovative approaches. Provides management and/or technical direction and support to lower level personnel. Provides consulting services. Develops solutions to specific technical problems. Develops analytical techniques to problem solving.

Minimum Education/Experience: This position requires a Master's Degree in Computer Science, Information Systems, Engineering, Business or other related discipline and a minimum of 12 years' experience. With a Bachelor's Degree (in the fields described above), 14 years general experience is required.

System Administrator

Functional Responsibility: Supervises and manages the daily activities of configuration and operation of computer systems. Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Provides assistance to users in accessing and using systems.

Minimum Education/Experience: A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business or other related discipline. This position requires a minimum of 4 years' experience, of which at least 2 years must be specialized experience in administering UNIX or open systems-compliant systems. General experience includes operations support for a large-scale computer system or a multi-server local area network. With a Master's Degree (in the fields described above, 2 years general experience is required. With 8 years general experience of which 6 years is specialized, a degree is not required.

System Administrator, Senior

Minimum/General Experience: This position requires a minimum of 6 years' experience, of which at least 4 years must be specialized experience in administering UNIX, Microsoft, or open systems-compliant systems. General experience includes operations support for a large-scale computer system or a multi-server local area network.

Functional Responsibility: Leads the daily activities of configuration and operation of computer systems. Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Provides assistance to users in accessing and using systems.

Minimum Education: A Bachelor's Degree in Computer Science, Information Systems, and Engineering, Business or other related discipline.

System Administrator, Principal

Minimum/General Experience: This position requires a minimum of 8 years' experience, of which at least 6 years must be specialized experience in administering UNIX, Microsoft, or open systems-compliant systems. General experience includes operations support for a large-scale computer system or a multi-server local area network.

Functional Responsibility: Supervises the daily activities of configuration and operation of computer systems. Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Provides assistance to users in accessing and using systems.

Minimum Education: A Bachelor's Degree in Computer Science, Information Systems, and Engineering, Business or other related discipline.

Systems Architect, Senior

Functional Responsibility: Establishes system information requirements in the development of enterprise- wide or large-scale information systems. Design architectures to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures these systems are compatible and in compliance with the standards for open systems architectures.

Minimum Education/Experience: This position requires a Master's Degree in Computer Science, Information Systems, Engineering, Business or other related discipline and a minimum of 12 years' experience, of which at least 7 years must be specialized. Specialized experience includes: supervision of system architects, use of structured analysis, design methodologies and design tools, object oriented principles, and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. General experience includes increasing responsibilities in systems engineer. With a Bachelor's Degree, 14 years general experience and at least 9 years specialized experience are required.

Systems Engineer

Minimum/General Experience: This position requires a minimum of 3 years' experience in performing system requirement analyses and specifications, and modeling and trade-off studies; reviewing and analyzing complex task statements, standards, specifications, and other documentation to determine engineering requirements; developing test plans, and determining appropriate test criteria and procedures; and planning and conducting work requiring judgment in the independent evaluation, selection, and adaptation and modification of standard techniques, procedures and criteria.

Functional Responsibility: Performs a variety of moderately complex project tasks applied to specialized technology problem. Typical assignments involve integration of processes or methodologies to resolve total system problems or applications.

Minimum Education: A Bachelor's Degree in a technical field such as Engineering or Computer Science.

Systems Engineer, Senior

Minimum/General Experience: Requires a minimum of 10 years' experience in performing system requirement analyses and specifications, and modeling and trade-off studies; reviewing and analyzing

complex task statements, standards, specifications, and other documentation to determine engineering requirements; developing test plans, and determining appropriate test criteria and procedures; and planning and conducting work requiring judgment in the independent evaluation, selection, and adaptation and modification of standard techniques, procedures and criteria.

Functional Responsibility: Directs and coordinate the work activities of a group of systems engineers. Performs a variety of complex project tasks applied to specialized technology problems. Typical assignments involve integration of processes or methodologies to resolve total system problems or applications.

Minimum Education: A Bachelor's Degree in a technical field such as Engineering or Computer Science.

Systems Engineer, Principal

Minimum/General Experience: Requires a minimum of 11 years' experience in performing system requirement analyses and specifications, and modeling and trade-off studies; reviewing and analyzing complex task statements, standards, specifications, and other documentation to determine engineering requirements; developing test plans, and determining appropriate test criteria and procedures; and planning and conducting work requiring judgment in the independent evaluation, selection, and adaptation and modification of standard techniques, procedures and criteria.

Functional Responsibility: Supervise, direct and coordinate the work activities of a group of systems engineers. Performs a variety of complex project tasks applied to specialized technology problems. Typical assignments involve integration of processes or methodologies to resolve total system problems or applications.

Minimum Education: A Master's Degree in a technical field such as Engineering or Computer Science.

Systems Security Specialist, Senior

Functional Responsibility: Analyzes and defines systems security requirements. Designs, develops, engineers, and implements solutions to security requirements. Responsible for the development and implementation of recommended security solutions. Gathers and organizes technical information about an organization's mission, goals, and needs, existing security products, and ongoing programs in the security arena. Performs risk analyses and assessments.

Minimum Education/Experience: Must have a Bachelor's Degree in Electrical Engineering, Information Systems, Computer Science, Physics, Math, or other related discipline. This position requires a minimum of 10 years' experience, of which at least 6 years must be specialized experience in defining computer security requirements for high level applications, evaluation of approved security product capabilities and developing solutions to security problems. With a Master's Degree, 8 years general experience of which at least 4 years must be specialized experience is required.

Total Cost of Ownership (TCO) Engineer

Minimum/General Experience: Requires 10 years of intensive and progressive experience in planning, designing, and analyzing telecommunications networks; 6 years must be in supervision of IRM engineering projects with 3 years in supervising desktop computing contracts. This experience should

include demonstrated knowledge of Ethernet and FDDI, and a working knowledge of operating systems and protocols such as Novell, NT, UNIX, VINES and TCP/IP. Should have experience with network analysis/management tools and techniques and be familiar with PCs in a client/server environment. Should be familiar with IT and long distance and local carrier management.

Functional Responsibility: Responsible for the design and implementation of LAN/WANs using hub and router technology. Performs hardware/software analyses to provide comparative data of performance characteristics and suitability within the existing systems environment. Prepares trade-off studies and evaluations for vendor equipment. Generates network monitoring performance reports for LAN/WAN utilization studies. Recommends network design changes/enhancements for improved system availability and performance. Performs a variety of network management functions related to the operation, performance, or availability of data communications networks. May be responsible for daily operation of computer networking equipment, monitoring and tuning equipment, and establishing user accounts. May be responsible for operating and maintaining network management centers managing networks in client organizations. May manage network email functions. Troubleshoots network/user problems, and identifies and implements solutions.

Minimum Education: A Master's Degree in Computer Science, Business, Finance, Accounting, Engineering, Operations Research, Mathematics, or related fields.

Technical Cost Analyst

Minimum/General Experience: Requires a minimum of 2 years' experience in conducting independent work in computer-based information systems, modeling, operations research, statistics, and analytical trade-off studies; preparing life-cycle cost estimates, baseline cost estimates and/or cost and effectiveness training analyses.

Functional Responsibility: Performs analysis of cost and technical data and prepare cost and technical reports in ADP related areas.

Minimum Education: A Bachelor's Degree in Engineering or related field such as Accounting, Business, Finance, or Economics.

Technical Writer/Editor

Minimum/General Experience: Requires a minimum of 6 years' experience in gathering, analyzing, and composing technical information; conducting research and ensuring the use of proper technical terminology; and writing and editing technical reports and documents pertaining to all aspects of ADP.

Functional Responsibility: Collect, analyze, and organize information required for technical documentation and for the preparation of manuals, materials, and reports; edit functional descriptions, system specifications, manuals, reports and other customer deliverables and documents.

Minimum Education: A Bachelor's Degree in English, Literature, or other related discipline.

Test/Design Engineer

Minimum/General Experience: Requires a minimum of 4 years' experience with at least 2 years involved

in the testing of project output (hardware or software).

Functional Responsibility: Develop new or refine existing processes related to quality control and project failure identification and design standards verification. Reviews project development documentation to ensure specifications are designed to meet inspection and testing standards.

Minimum Education: Bachelor's Degree in a technical field such as Computer Science or Engineering.

Test/Design Engineer, Senior

Minimum/General Experience: Requires a minimum of 8 years' experience with at least 5 years involved in the testing of project output (hardware or software).

Functional Responsibility: Develop new or refine existing processes related to quality control and project failure identification and design standards verification. Reviews project development documentation to ensure specifications are designed to meet inspection and testing standards.

Minimum Education: Bachelor's Degree in a technical field such as Computer Science or Engineering.

Training Analyst

Minimum/General Experience: Requires a minimum of 2 years' experience in conducting research necessary to develop and revise training courses and preparing appropriate training catalogs; developing all instructor materials; developing student materials; training personnel by conducting formal classroom courses, workshops, seminars, and computer-based/computer-aided training.

Functional Responsibility: Develop student and instructor training material, and instruct students in the use/maintenance of equipment, techniques, or principles with training aids, devices, simulators or simulations. Minimum Education: Bachelor's Degree in any field.

Training Analyst, Lead

Minimum/General Experience: Requires a minimum of 10 years' experience in developing and validating instruments to measure student achievement of learning/training objectives; managing training programs; designing training programs and courses; developing computer based training; and interfacing with technical representatives to ensure training technical clarity and effectiveness.

Functional Responsibility: Provide supervision of training program and complex courseware development. Provide overall training program technical direction.

Minimum Education: Bachelor's Degree in vocational teaching, instructions, education, computer science/computer based training, or equivalent/relevant technical field.

Training Analyst, Senior

Minimum/General Experience: Requires a minimum of 8 years' experience in conducting research necessary to develop and revise training courses and preparing appropriate training catalogs; developing all instructor materials; developing student materials; training personnel by conducting formal classroom courses, workshops, seminars and computer-based/computer-aided training.

Functional Responsibility: Develop student and instructor training material, and instruct students in the use/maintenance of equipment, techniques, or principles with training aids, devices, simulators or simulations. Provide technical direction to other training analysts.

Minimum Education: Bachelor's Degree in any field.

Web Developer

Minimum/General Experience: Requires 6 years of intensive progressive experience in performing computer programming and systems analysis in IT and web site applications. Requires 4 years' experience with such general computing applications such as MICROSOFT Office, Lotus Smartsuite, or Corel Office Suites. Requires 3 years' experience with HTML Editors; requires 2 years' experience with Web Site Development Tools; and requires 2 years' experience Graphics Creation/Manipulation of tools. Requires 1 year experience in design and/or development of a web enabled application.

Functional Responsibility: Provide assistance to clients to enable them to fulfill their web related responsibilities. Assistance will include: creative editing of HTML or word processing documents; creation of documentation and utilization of FTP to post web content; design of web pages including layout and graphical content; set up web sites which remain compliant with cross browser platforms; assist in the research and development of web site functional requirements, specifications, logical and physical design; research new technology; perform analysis of existing or proposed IT systems, problems, security or requirements, general design or redesign of computer systems or subsystems; development of prototype systems to test and demonstrate feasible system concepts, alternative approaches, etc.; directs or participates in all phases of study development with emphasis on the problem definition and analysis; designs and prepares technical reports and related documentation. Assist Web Master, as necessary.

Minimum Education: Bachelor's Degree with 4 years specialized experience. Associates Degree or IT Certification with 6 years specialized experience.

Webmaster

Minimum/General Experience: Requires 7 years of progressive experience in performing computer programming and systems analysis in broad based IT settings to include web system analysis, design, development, and implementation using Web Development Tools. Requires the last 4 years' experience with HTML, XML, or Dynamic HTML and Web Security implementations. Requires 1 year experience in design and installation of a web server. Requires 2 years' experience in the design and/or development of a web enabled application. Requires 1 year supervision of programmers, analysts, web developers, and/or HTML Editors.

Functional Responsibility: Provide assistance to clients with emphasis on planning, analysis, problem definition, requirements analysis, and presentation phases. Assistance will include: creation of standardization documentation for installation, maintenance, security and creation of a web site; design and development of web pages using HTML, UML, and Dynamic HTML techniques; design and development of web enabled applications and links from a web site; integration of internet, extranet, and intranet web sites. Set up web sites which remain compliant with cross browser platforms; assist in the research and development of web site functional requirements, specifications, logical and physical design; research new technology; designs and prepares technical reports and related documentation. May supervise one or more programmers, analysts, web developers, and/or HTML Editors.

Minimum Education: Bachelor's Degree in an IT related field or IT certification.

Systems Analyst 1

Functional Responsibility: Provides specialized knowledge of system requirements and programming specifications. Designs solutions based on customer needs and technical considerations. Analyze job tasks, organizational structure and user requirements to provide system- wide solutions. Applies analytical expertise to assist in defining, analyzing, validating, and documenting complex operating environments, states of technology, and current processes

Minimum Experience: None

Minimum Education: A Bachelor's Degree is required.

Systems Analyst 2

Functional Responsibility: Provides specialized knowledge of system requirements and programming specifications. Designs solutions based on customer needs and technical considerations. Analyze job tasks, organizational structure and user requirements to provide system- wide solutions. Applies analytical expertise to assist in defining, analyzing, validating, and documenting complex operating environments, states of technology, and current processes

Minimum Experience: Two years of general experience is required.

Minimum Education: A Bachelor's Degree.

Systems Analyst 4

Functional Responsibility: Provides specialized knowledge of system requirements and programming specifications. Designs solutions based on customer needs and technical considerations. Analyze job tasks, organizational structure and user requirements to provide system- wide solutions. Applies analytical expertise to assist in defining, analyzing, validating, and documenting complex operating environments, states of technology, and current processes

Minimum Experience: Four years of general experience is required.

Minimum Education: A Bachelor's Degree

Systems Analyst 5

Functional Responsibility: Provides specialized knowledge of system requirements and programming specifications. Designs solutions based on customer needs and technical considerations. Analyze job tasks, organizational structure and user requirements to provide system- wide solutions. Applies analytical expertise to assist in defining, analyzing, validating, and documenting complex operating environments, states of technology, and current processes

Minimum Experience: Five years of general experience is required. Minimum Education: A Bachelor's Degree.

Systems Analyst 6

Functional Responsibility: Provides specialized knowledge of system requirements and programming specifications. Designs solutions based on customer needs and technical considerations. Analyze job tasks, organizational structure and user requirements to provide system-wide solutions. Applies analytical expertise to assist in defining, analyzing, validating, and documenting complex operating environments, states of technology, and current processes.

Minimum Experience: Five years of general experience is required. **Minimum Education:** A Bachelor's Degree

Mid-Level Technical Consultant

Functional Responsibility: Mid-level Technical Consultants provide specialized knowledge of system requirements and programming specifications. They design solutions based on customer needs and technical considerations. They analyze job tasks, organizational structure and user requirements to provide system-wide solutions. They apply analytical expertise to assist in defining, analyzing, validating, and documenting complex operating environments, states of technology, and current processes.

Minimum/General Experience: Mid-level Technical Consultants must possess at least 4 years of professional training or equivalent experience in one of the following types of disciplines: computer science, computer systems, decision support, security, electronic commerce, business process reengineering, business process analysis, information architecture planning and design, engineering, operations research, modeling and simulation, math, physics, quality assurance, systems analysis, business, or management.

Minimum Education: Bachelor Degree in Electrical Engineering, Computer Science, Mathematics or Business Administration.

Sr. Technical Consultant

Functional Responsibility: Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical direction to programmers to ensure program deadlines are met.

Minimum/General Experience: Specialized experience includes experience as an applications programmer on data base management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives. Demonstrated ability to work under only general direction. This position requires a minimum of five years of experience.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Mathematics or Business Administration. With seven years of general experience, a degree is not required.

IT Manager

Functional Responsibility: Provides department-level technical guidance and direction to technical teams. Has the industry perspective to identify technology trends and determines ways to apply them to customer problems. Approximately 50% of time is devoted to developing technical solutions. Serves as the overall

manager and administrator for department-level program efforts. Serves as the primary interface and point of contact with government program authorities and representatives on program issues. Supervises program operations by implementing procedures for planning and directing the execution of the technical, programming, maintenance and administrative support efforts and monitoring and reporting progress. Manages acquisition and employment of program/project resources. Manages and controls financial and administrative aspects of the program/project with respect to contract requirements. May be supervised by a Senior Partner.

Minimum/General Experience: This position requires a minimum of ten years IT experience. Experience includes increasing responsibilities in information systems design and management.

Minimum Education: A Bachelor's Degree in Computer Science, Mathematics, Engineering, Statistics or Business Administration from an accredited college and ten years of experience.

Technical Director

Functional Responsibility: The overall technical lead for the contract effort. Serves as the primary technical interface and point of contact with Government program authorities and representatives on technical issues. Establishes system information requirements in the development of enterprise-wide or large-scale information systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.

Minimum/General Experience: Specialized experience includes: Designs technical architectures to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross- functional requirements and interfaces. Experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. This position requires a minimum of ten years' experience.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Mathematics or Business Administration and ten years of general experience is required.

Technical Director 2

Functional Responsibility: Provides specialized knowledge of complex customer processes and requirements. Applies technical expertise to assist in defining, analyzing, validating, and documenting complex operating environments, states of technology, and current engineering processes. Conducts complex technical investigations through advanced research techniques, analysis, or development phases of information technology engineering projects.

Minimum/General Experience: Specialized experience includes: Designs technical architectures to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross- functional requirements and interfaces. Experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. This position requires a minimum of ten years' experience.

Minimum Education: A Master's degree and ten years of general experience is required.

Technical Manager

Functional Responsibility: Provides technical direction and review of enterprise wide development tasks, including the review of work products for correctness, adherence to the design concept and to user standards. Approximately 85% of time is devoted to developing technical solutions. Coordinates with appropriate levels to ensure problem solution and user satisfaction. Make recommendations, if needed, for approval of major systems installations. Prepares presentations on the system concept to colleagues, subordinates, and end user representatives. Acts as the technical lead for the contract effort. Serves as the technical interface and point of contact with Government program authorities and representatives on technical issues. Provides support on program/project operations by reviewing procedures, planning and execution of the technical, programming, and maintenance effort and monitoring and reporting progress.

Minimum/General Experience: Specialized experience includes designs technical architectures to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross- functional requirements and interfaces. Experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. This position requires a minimum of 12 years of experience.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Mathematics or Business Administration.

Project Management Specialist

Functional Responsibility: Assists in the preparation of management plans and reports in support of IT projects. Coordinates schedules to facilitate completion of contract deliverables, task order review, briefings/presentations, and In Process Review (IPR) preparation. Performs analysis, development, and review of program administrative operating procedures. All work performed in support of IT projects. Ability to research issues and provide recommendations.

Minimum/General Experience: Works with limited supervision and direction. Required to use judgment and initiative in problem solving. This position requires a minimum of two to eight years project experience, at least one in a government contracting environment. Knowledge of COTS to include but not limited to MS Office tools: Excel, Word Technical editing. Basic knowledge of MS Project. Basic knowledge of database structures and principles.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Accounting, Mathematics or Business Administration. An Associate's degree in Computer Science, Information Systems, Engineering, Accounting, Mathematics or Business Administration and five years of experience.

Project Manager

Functional Responsibility: Provides project-level technical guidance and direction to technical teams. Monitors technology trends and determines ways to apply them to customer problems. Approximately 75% of time is devoted to developing technical solutions. Assists in supervising and directing the technical, maintenance, administrative, and programming support functions of information technology systems. Monitors and reports systems progress. Make recommendations on the acquisition and employment of resources. Assists in the management and documentation of all financial and administrative aspects with respect to delivery/task order requirements.

Minimum/General Experience: This position requires a minimum of twelve years of experience dealing with modern information technology systems. Experience includes increasing responsibilities in the support of information systems design and management.

Minimum Education: A Bachelor's Degree in Computer Science, Mathematics, Engineering, Statistics or Business Administration from an accredited college or university.

Senior Communications Engineer I

Functional Responsibility: Individuals at this level are emerging authorities and are recognized by peers inside and outside the organizations significant contributors to current technology. They function as project leaders on major software or information system development projects and identify or initiate technological advancement opportunities.

Minimum/General Experience: Ten years of Information technology experience with greater than eight years of related communications engineering experience in successful efforts involving any combination of: systems analysis and design, programming, conversion and implementation support, network services, project management, resources and facilities management. Individuals in this skill category understand and practice the best practices promoted by the Software Engineering Institute as they relate to communications engineering.

Minimum Education: Qualifications at this level include an undergraduate degree, with course work in electrical engineering, communications or a computer science-related field. Five years of applicable experience may be substituted for an undergraduate degree.

Systems Engineer II

Functional Responsibility: Individuals at this level are assigned as leaders for smaller projects. As participants in larger projects, they provide solutions to a variety of difficult or complex problems.

Minimum/General Experience: Eight years of professional experience including five years of related experience in successful efforts involving any combination of: systems analysis and design, programming, conversion and implementation support, network services, project management, stat/records management, resources and facilities management, database planning and design. Individuals in this category have demonstrated leadership qualities.

Minimum Education: Qualifications at this level include an undergraduate degree.

Senior Systems Engineer I

Functional Responsibility: Individuals at this level are emerging authorities and are recognized by peers inside and outside the organization as significant contributors to current systems technology. They function as project leaders on major projects and identify and initiate innovative research opportunities.

Minimum/General Experience: Ten years of related experience in successful efforts involving any combination of: systems analysis and design, programming, conversion and implementation support, network services, project management, data/records management, resources and facilities management, database planning and design. Project Management experience is required.

Minimum Education: Qualifications at this level include an undergraduate degree.

**EXPERIENCE SUBSTITUTION FOR ALL
OFFERED LABOR CATEGORIES**

Please note that that consistent with SAIC's hiring practices, work experience can be substituted for degree requirements. Experience, education and the description of duties for the labor categories on the SAIC MAS are provided as a guideline to the typical background for staff to be provided under individual orders. One year of experience is the equivalent of one year of education. One year of education is the equivalent of one year of experience. For example, two years of experience can be substituted for an Associate degree and four years of experience can be substituted for a Bachelor degree. GSA Customer Agencies will be notified when there are any tradeoffs made for education/experience for agency review/approval for agency requirements.

Labor Rates

The rates shown below include the Industrial Funding Fee (IFF) of 0.75%.

Contractor Site

| SIN | Labor Category | Site | 07/28/17-07/27/18 | 07/28/18-07/27/19 | 07/28/19-07/27/20 | 07/28/20-07/27/21 | 07/28/21-07/27/22 |
|--------|---------------------------------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 54151S | Administrative/Graphics Specialist** | Contractor Site | \$44.00 | \$45.01 | \$46.05 | \$47.11 | \$48.19 |
| 54151S | Budget/Financial Analyst | Contractor Site | \$106.79 | \$109.25 | \$111.76 | \$114.33 | \$116.96 |
| 54151S | Budget/Financial Analyst, Junior | Contractor Site | \$79.82 | \$81.66 | \$83.54 | \$85.46 | \$87.43 |
| 54151S | Budget/Financial Analyst, Senior | Contractor Site | \$131.32 | \$134.34 | \$137.43 | \$140.59 | \$143.83 |
| 54151S | Communications Engineer | Contractor Site | \$86.27 | \$88.25 | \$90.28 | \$92.36 | \$94.48 |
| 54151S | Communications/Network Manager | Contractor Site | \$91.08 | \$93.17 | \$95.32 | \$97.51 | \$99.75 |
| 54151S | Computer Systems Engineer | Contractor Site | \$72.90 | \$74.58 | \$76.29 | \$78.05 | \$79.84 |
| 54151S | Computer Systems Engineer, Senior | Contractor Site | \$114.33 | \$116.96 | \$119.65 | \$122.40 | \$125.22 |
| 54151S | Computer Technician | Contractor Site | \$86.96 | \$88.95 | \$91.00 | \$93.09 | \$95.24 |
| 54151S | Database Management Analyst | Contractor Site | \$80.15 | \$82.00 | \$83.88 | \$85.81 | \$87.78 |
| 54151S | Database Management Analyst, Senior | Contractor Site | \$105.10 | \$107.52 | \$109.99 | \$112.52 | \$115.11 |
| 54151S | Functional Analyst | Contractor Site | \$88.58 | \$90.62 | \$92.70 | \$94.84 | \$97.02 |
| 54151S | Functional Analyst, Junior | Contractor Site | \$79.82 | \$81.66 | \$83.54 | \$85.46 | \$87.43 |
| 54151S | Functional Analyst, Senior | Contractor Site | \$107.66 | \$110.14 | \$112.67 | \$115.26 | \$117.91 |
| 54151S | Help Desk Manager | Contractor Site | \$83.59 | \$85.51 | \$87.48 | \$89.49 | \$91.55 |
| 54151S | Help Desk Specialist | Contractor Site | \$52.77 | \$53.98 | \$55.22 | \$56.49 | \$57.79 |
| 54151S | HTML Editor** | Contractor Site | \$61.80 | \$63.22 | \$64.67 | \$66.16 | \$67.68 |
| 54151S | Information Engineer, Senior | Contractor Site | \$153.37 | \$156.90 | \$160.50 | \$164.20 | \$167.97 |
| 54151S | Logistics Analyst | Contractor Site | \$68.83 | \$70.41 | \$72.03 | \$73.69 | \$75.38 |
| 54151S | Logistics Analyst, Senior | Contractor Site | \$97.64 | \$99.88 | \$102.18 | \$104.53 | \$106.93 |
| 54151S | Network Engineer | Contractor Site | \$225.44 | \$230.62 | \$235.93 | \$241.35 | \$246.91 |
| 54151S | OA Trainer | Contractor Site | \$95.77 | \$97.98 | \$100.23 | \$102.53 | \$104.89 |
| 54151S | Program (Contract) Manager | Contractor Site | \$148.34 | \$151.75 | \$155.24 | \$158.81 | \$162.46 |
| 54151S | Programmer/Program Analyst | Contractor Site | \$79.82 | \$81.66 | \$83.54 | \$85.46 | \$87.43 |
| 54151S | Programmer/Program Analyst, Senior | Contractor Site | \$88.85 | \$90.89 | \$92.98 | \$95.12 | \$97.31 |
| 54151S | Project (Task) Manager | Contractor Site | \$121.03 | \$123.81 | \$126.66 | \$129.58 | \$132.56 |
| 54151S | Quality Assurance Engineer | Contractor Site | \$77.67 | \$79.45 | \$81.28 | \$83.15 | \$85.06 |
| 54151S | Quality Assurance Manager | Contractor Site | \$120.91 | \$123.69 | \$126.53 | \$129.44 | \$132.42 |
| 54151S | Scientist, Senior | Contractor Site | \$136.59 | \$139.73 | \$142.95 | \$146.23 | \$149.60 |
| 54151S | Secure Information Technologist One | Contractor Site | \$83.91 | \$85.84 | \$87.81 | \$89.83 | \$91.90 |
| 54151S | Secure Information Technologist Two | Contractor Site | \$103.69 | \$106.08 | \$108.52 | \$111.01 | \$113.57 |
| 54151S | Secure Information Technologist Three | Contractor Site | \$128.56 | \$131.52 | \$134.54 | \$137.64 | \$140.80 |
| 54151S | Secure Information Technologist Four | Contractor Site | \$167.34 | \$171.19 | \$175.13 | \$179.16 | \$183.28 |
| 54151S | Secure Information Technologist Six | Contractor Site | \$221.18 | \$226.27 | \$231.47 | \$236.80 | \$242.24 |
| 54151S | Software Engineer | Contractor Site | \$66.84 | \$68.38 | \$69.95 | \$71.56 | \$73.21 |
| 54151S | Software Engineer, Senior | Contractor Site | \$114.33 | \$116.96 | \$119.65 | \$122.40 | \$125.22 |

| | | | | | | | |
|--------|--|-----------------|----------|----------|----------|----------|----------|
| 54151S | Software Engineer, Principal | Contractor Site | \$179.90 | \$184.04 | \$188.28 | \$192.61 | \$197.04 |
| 54151S | Subject Matter Expert, Senior | Contractor Site | \$131.80 | \$134.83 | \$137.94 | \$141.11 | \$144.35 |
| 54151S | System Administrator | Contractor Site | \$69.19 | \$70.78 | \$72.40 | \$74.07 | \$75.77 |
| 54151S | System Administrator, Senior | Contractor Site | \$124.99 | \$127.86 | \$130.81 | \$133.81 | \$136.89 |
| 54151S | System Administrator, Principal | Contractor Site | \$150.80 | \$154.27 | \$157.82 | \$161.45 | \$165.16 |
| 54151S | Systems Architect, Senior | Contractor Site | \$142.06 | \$145.33 | \$148.67 | \$152.09 | \$155.59 |
| 54151S | Systems Engineer | Contractor Site | \$84.85 | \$86.80 | \$88.80 | \$90.84 | \$92.93 |
| 54151S | Systems Engineer, Senior | Contractor Site | \$132.87 | \$135.92 | \$139.05 | \$142.25 | \$145.52 |
| 54151S | Systems Engineer, Principal | Contractor Site | \$179.90 | \$184.04 | \$188.28 | \$192.61 | \$197.04 |
| 54151S | Systems Security Specialist, Senior | Contractor Site | \$128.55 | \$131.51 | \$134.53 | \$137.63 | \$140.79 |
| 54151S | Total Cost of Ownership (TCO) Engineer | Contractor Site | \$196.03 | \$200.54 | \$205.15 | \$209.87 | \$214.69 |
| 54151S | Technical Cost Analyst | Contractor Site | \$58.79 | \$60.14 | \$61.53 | \$62.94 | \$64.39 |
| 54151S | Technical Writer / Editor | Contractor Site | \$72.45 | \$74.12 | \$75.82 | \$77.56 | \$79.35 |
| 54151S | Test / Design Engineer | Contractor Site | \$70.41 | \$72.03 | \$73.69 | \$75.38 | \$77.12 |
| 54151S | Test / Design Engineer, Senior | Contractor Site | \$104.60 | \$107.01 | \$109.47 | \$111.99 | \$114.56 |
| 54151S | Training Analyst | Contractor Site | \$59.59 | \$60.96 | \$62.36 | \$63.80 | \$65.26 |
| 54151S | Training Analyst, Lead | Contractor Site | \$96.61 | \$98.83 | \$101.11 | \$103.43 | \$105.81 |
| 54151S | Training Analyst, Senior | Contractor Site | \$81.21 | \$83.07 | \$84.98 | \$86.94 | \$88.94 |
| 54151S | Web Developer | Contractor Site | \$80.03 | \$81.87 | \$83.75 | \$85.68 | \$87.65 |
| 54151S | Webmaster | Contractor Site | \$107.68 | \$110.16 | \$112.69 | \$115.28 | \$117.93 |
| 54151S | Systems Analyst 1 | Contractor Site | \$84.36 | \$86.30 | \$88.28 | \$90.31 | \$92.39 |
| 54151S | Systems Analyst 2 | Contractor Site | \$100.51 | \$102.82 | \$105.19 | \$107.61 | \$110.08 |
| 54151S | Systems Analyst 4 | Contractor Site | \$115.27 | \$117.92 | \$120.64 | \$123.41 | \$126.25 |
| 54151S | Systems Analyst 5 | Contractor Site | \$119.89 | \$122.64 | \$125.46 | \$128.35 | \$131.30 |
| 54151S | Systems Analyst 6 | Contractor Site | \$121.09 | \$123.88 | \$126.73 | \$129.64 | \$132.62 |
| 54151S | Mid-Level Technical Consultant | Contractor Site | \$93.20 | \$95.34 | \$97.53 | \$99.77 | \$102.07 |
| 54151S | Sr. Technical Consultant | Contractor Site | \$130.62 | \$133.62 | \$136.69 | \$139.84 | \$143.05 |
| 54151S | IT Manager | Contractor Site | \$208.76 | \$213.57 | \$218.48 | \$223.50 | \$228.64 |
| 54151S | Technical Director | Contractor Site | \$183.91 | \$188.14 | \$192.47 | \$196.90 | \$201.43 |
| 54151S | Technical Director 2 | Contractor Site | \$210.66 | \$215.50 | \$220.46 | \$225.53 | \$230.72 |
| 54151S | Technical Manager | Contractor Site | \$160.73 | \$164.43 | \$168.21 | \$172.08 | \$176.04 |
| 54151S | Project Management Specialist | Contractor Site | \$94.26 | \$96.43 | \$98.65 | \$100.91 | \$103.23 |
| 54151S | Project Manager | Contractor Site | \$141.57 | \$144.83 | \$148.16 | \$151.57 | \$155.05 |
| 54151S | Senior Communications Engineer I | Contractor Site | \$162.71 | \$166.45 | \$170.28 | \$174.20 | \$178.20 |
| 54151S | Systems Engineer II | Contractor Site | \$103.66 | \$106.04 | \$108.48 | \$110.98 | \$113.53 |
| 54151S | Senior Systems Engineer I | Contractor Site | \$143.40 | \$146.70 | \$150.08 | \$153.53 | \$157.06 |

Customer Site

| SIN | Labor Category | Site | 07/28/17-07/27/18 | 07/28/18-07/27/19 | 07/28/19-07/27/20 | 07/28/20-07/27/21 | 07/28/21-07/27/22 |
|--------|---------------------------------------|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 54151S | Administrative/Graphics Specialist** | Customer Site | \$39.59 | \$40.50 | \$41.43 | \$42.39 | \$43.36 |
| 54151S | Budget/Financial Analyst | Customer Site | \$96.11 | \$98.32 | \$100.58 | \$102.90 | \$105.26 |
| 54151S | Budget/Financial Analyst, Junior | Customer Site | \$71.85 | \$73.50 | \$75.19 | \$76.92 | \$78.69 |
| 54151S | Budget/Financial Analyst, Senior | Customer Site | \$118.19 | \$120.91 | \$123.69 | \$126.53 | \$129.44 |
| 54151S | Communications Engineer | Customer Site | \$77.64 | \$79.42 | \$81.25 | \$83.12 | \$85.03 |
| 54151S | Communications/Network Manager | Customer Site | \$81.96 | \$83.85 | \$85.78 | \$87.75 | \$89.77 |
| 54151S | Computer Systems Engineer | Customer Site | \$65.60 | \$67.11 | \$68.66 | \$70.24 | \$71.85 |
| 54151S | Computer Systems Engineer, Senior | Customer Site | \$102.89 | \$105.26 | \$107.68 | \$110.16 | \$112.69 |
| 54151S | Computer Technician | Customer Site | \$78.26 | \$80.06 | \$81.90 | \$83.78 | \$85.71 |
| 54151S | Database Management Analyst | Customer Site | \$72.13 | \$73.79 | \$75.49 | \$77.22 | \$79.00 |
| 54151S | Database Management Analyst, Senior | Customer Site | \$94.60 | \$96.77 | \$99.00 | \$101.28 | \$103.60 |
| 54151S | Functional Analyst | Customer Site | \$79.71 | \$81.55 | \$83.42 | \$85.34 | \$87.30 |
| 54151S | Functional Analyst, Junior | Customer Site | \$71.85 | \$73.50 | \$75.19 | \$76.92 | \$78.69 |
| 54151S | Functional Analyst, Senior | Customer Site | \$96.89 | \$99.12 | \$101.40 | \$103.73 | \$106.11 |
| 54151S | Help Desk Manager | Customer Site | \$75.24 | \$76.97 | \$78.74 | \$80.55 | \$82.41 |
| 54151S | Help Desk Specialist | Customer Site | \$47.49 | \$48.58 | \$49.70 | \$50.84 | \$52.01 |
| 54151S | HTML Editor** | Customer Site | \$55.62 | \$56.90 | \$58.21 | \$59.55 | \$60.92 |
| 54151S | Information Engineer, Senior | Customer Site | \$138.03 | \$141.21 | \$144.46 | \$147.78 | \$151.18 |
| 54151S | Logistics Analyst | Customer Site | \$61.95 | \$63.38 | \$64.84 | \$66.33 | \$67.85 |
| 54151S | Logistics Analyst, Senior | Customer Site | \$87.87 | \$89.89 | \$91.95 | \$94.07 | \$96.23 |
| 54151S | Network Engineer | Customer Site | \$201.08 | \$205.71 | \$210.44 | \$215.28 | \$220.23 |
| 54151S | OA Trainer | Customer Site | \$86.41 | \$88.40 | \$90.43 | \$92.51 | \$94.64 |
| 54151S | Program (Contract) Manager | Customer Site | \$133.50 | \$136.57 | \$139.71 | \$142.93 | \$146.21 |
| 54151S | Programmer/Program Analyst | Customer Site | \$71.85 | \$73.50 | \$75.19 | \$76.92 | \$78.69 |
| 54151S | Programmer/Program Analyst, Senior | Customer Site | \$79.96 | \$81.80 | \$83.68 | \$85.60 | \$87.57 |
| 54151S | Project (Task) Manager | Customer Site | \$108.92 | \$111.42 | \$113.99 | \$116.61 | \$119.29 |
| 54151S | Quality Assurance Engineer | Customer Site | \$69.90 | \$71.51 | \$73.15 | \$74.84 | \$76.56 |
| 54151S | Quality Assurance Manager | Customer Site | \$108.82 | \$111.32 | \$113.88 | \$116.50 | \$119.18 |
| 54151S | Scientist, Senior | Customer Site | \$122.94 | \$125.77 | \$128.66 | \$131.62 | \$134.65 |
| 54151S | Secure Information Technologist One | Customer Site | \$74.70 | \$76.42 | \$78.18 | \$79.97 | \$81.81 |
| 54151S | Secure Information Technologist Two | Customer Site | \$93.31 | \$95.45 | \$97.65 | \$99.90 | \$102.19 |
| 54151S | Secure Information Technologist Three | Customer Site | \$115.71 | \$118.37 | \$121.10 | \$123.88 | \$126.73 |
| 54151S | Secure Information Technologist Four | Customer Site | \$150.60 | \$154.06 | \$157.60 | \$161.23 | \$164.94 |
| 54151S | Secure Information Technologist Six | Customer Site | \$199.06 | \$203.63 | \$208.32 | \$213.11 | \$218.01 |
| 54151S | Software Engineer | Customer Site | \$60.16 | \$61.55 | \$62.96 | \$64.41 | \$65.89 |
| 54151S | Software Engineer, Senior | Customer Site | \$102.89 | \$105.26 | \$107.68 | \$110.16 | \$112.69 |
| 54151S | Software Engineer, Principal | Customer Site | \$161.92 | \$165.64 | \$169.45 | \$173.35 | \$177.34 |
| 54151S | Subject Matter Expert, Senior | Customer Site | \$118.43 | \$121.16 | \$123.94 | \$126.79 | \$129.71 |
| 54151S | System Administrator | Customer Site | \$62.27 | \$63.70 | \$65.17 | \$66.67 | \$68.20 |
| 54151S | System Administrator, Senior | Customer Site | \$112.48 | \$115.07 | \$117.71 | \$120.42 | \$123.19 |

| SIN | Labor Category | Site | 07/28/17-07/27/18 | 07/28/18-07/27/19 | 07/28/19-07/27/20 | 07/28/20-07/27/21 | 07/28/21-07/27/22 |
|--------|--|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 54151S | System Administrator, Principal | Customer Site | \$135.72 | \$138.84 | \$142.04 | \$145.30 | \$148.65 |
| 54151S | Systems Architect, Senior | Customer Site | \$127.85 | \$130.80 | \$133.80 | \$136.88 | \$140.03 |
| 54151S | Systems Engineer | Customer Site | \$76.38 | \$78.13 | \$79.93 | \$81.77 | \$83.65 |
| 54151S | Systems Engineer, Senior | Customer Site | \$119.58 | \$122.33 | \$125.14 | \$128.02 | \$130.97 |
| 54151S | Systems Engineer, Principal | Customer Site | \$161.92 | \$165.64 | \$169.45 | \$173.35 | \$177.34 |
| 54151S | Systems Security Specialist, Senior | Customer Site | \$115.69 | \$118.35 | \$121.07 | \$123.86 | \$126.71 |
| 54151S | Total Cost of Ownership (TCO) Engineer | Customer Site | \$176.43 | \$180.48 | \$184.64 | \$188.88 | \$193.23 |
| 54151S | Technical Cost Analyst | Customer Site | \$52.92 | \$54.14 | \$55.38 | \$56.66 | \$57.96 |
| 54151S | Technical Writer / Editor | Customer Site | \$65.22 | \$66.72 | \$68.25 | \$69.82 | \$71.43 |
| 54151S | Test / Design Engineer | Customer Site | \$63.37 | \$64.83 | \$66.32 | \$67.85 | \$69.41 |
| 54151S | Test / Design Engineer, Senior | Customer Site | \$94.14 | \$96.30 | \$98.52 | \$100.78 | \$103.10 |
| 54151S | Training Analyst | Customer Site | \$53.63 | \$54.86 | \$56.12 | \$57.41 | \$58.73 |
| 54151S | Training Analyst, Lead | Customer Site | \$86.94 | \$88.94 | \$90.99 | \$93.08 | \$95.22 |
| 54151S | Training Analyst, Senior | Customer Site | \$73.08 | \$74.76 | \$76.48 | \$78.24 | \$80.04 |
| 54151S | Web Developer | Customer Site | \$72.03 | \$73.69 | \$75.38 | \$77.11 | \$78.89 |
| 54151S | Webmaster | Customer Site | \$96.91 | \$99.14 | \$101.42 | \$103.75 | \$106.14 |

SIN Descriptions

SIN 54151S Information Technology Professional Services

54151S IT Professional Services and/or labor categories for database planning and design; systems analysis, integration, and design; programming, conversion and implementation support; network services, data/records management, and testing.

NOTE: Subject to Cooperative Purchasing

Cooperative Purchasing: Yes

Set Aside: No

FSC/PSC Code : DA01

Maximum Order : \$500,000

NAICS

| Number | Description | Business Size |
|--------|---|---------------|
| 541511 | Custom Computer Programming Services | \$30 million |
| 541512 | Computer Systems Design Services | \$30 million |
| 541513 | Computer Facilities Management Services | \$30 million |
| 541519 | Other Computer Related Services | \$30 million |

Instructions:

1. Specific Instructions for SIN 54151S - Information Technology Professional Services:

* All services shall be billed in arrears in accordance with 31 U.S.C. 3324.

SIN OLM Order-Level Materials (OLM)

OLM OLMs are supplies and/or services acquired in direct support of an individual task or delivery order placed against a Schedule contract or BPA. OLM pricing is not established at the Schedule contract or BPA level, but at the order level. Since OLMs are identified and acquired at the order level, the ordering contracting officer (OCO) is responsible for making a fair and reasonable price determination for all OLMs.

OLMs are procured under a special ordering procedure that simplifies the process for acquiring supplies and services necessary to support individual task or delivery orders placed against a Schedule contract or BPA. Using this new procedure, ancillary supplies and services not known at the time of the Schedule award may be included and priced at the order level.

OLM SIN-Level Requirements/Ordering Instructions:

OLMs are:

- Purchased under the authority of the FSS Program
- Unknown until an order is placed
- Defined and priced at the ordering activity level in accordance with GSAR clause 552.238-115 Special Ordering Procedures for the Acquisition of Order-Level Materials. (Price analysis for OLMs is not conducted when awarding the FSS contract or FSS BPA; therefore, GSAR 538.270 and 538.271 do not apply to OLMs)
- Only authorized for use in direct support of another awarded SIN.

- Only authorized for inclusion at the order level under a Time-and-Materials (T&M) or Labor-Hour (LH) Contract Line Item Number (CLIN)
- Subject to a Not To Exceed (NTE) ceiling price

OLMs are not:

- "Open Market Items."
- Items awarded under ancillary supplies/services or other direct cost (ODC) SINs (these items are defined, priced, and awarded at the FSS contract level)

OLM Pricing:

- Prices for items provided under the Order-Level Materials SIN must be inclusive of the Industrial Funding Fee (IFF).
- The value of OLMs in a task or delivery order, or the cumulative value of OLMs in orders against a FSS BPA awarded under an FSS contract, cannot exceed 33.33%.

NOTE: When used in conjunction with a Cooperative Purchasing eligible SIN, this SIN is Cooperative Purchasing Eligible.

Cooperative Purchasing: Yes

Set Aside: No

FSC/PSC Code : 0000

Maximum Order : \$250,000

NAICS

| Number | Description Business | Size |
|--------|-------------------------------------|------|
| 000000 | Generic NAICS Code for special SINs | |

Instructions:

The use of the Order Level Materials (OLM) SIN is limited to 59 OLM-eligible subcategories under the MAS program. Supplies and/or services provided utilizing OLM authority must be acquired in direct support of an individual task or delivery order that is placed under an OLM-eligible subcategory as identified below:

- 1) Apparel
- 2) Audio Visual Products
- 3) Audio Visual Services
- 4) Awards
- 5) Background Investigations
- 6) Business Administrative Services
- 7) Compensation and Benefits
- 8) Document Services
- 9) Electronic Commerce
- 10) Environmental Services

- 11) Facilities Maintenance and Repair
- 12) Facilities Services
- 13) Facilities Solutions
- 14) Financial Services
- 15) Fire/Rescue/Safety/Environmental Protection Equipment
- 16) Fitness Solutions.
- 17) Flags
- 18) Flooring
- 19) Fuel Management
- 20) Furniture Services
- 21) Healthcare Furniture
- 22) Household, Dormitory & Quarters Furniture
- 23) Human Resources
- 24) Identity Protection Services
- 25) Industrial Products

- 26) Industrial Products and Services Maintenance and Repair
- 27) IT Hardware
- 28) IT Services
- 29) IT Software
- 30) IT Solutions
- 31) IT Training
- 32) Language Services
- 33) Legal Services
- 34) Logistical Services
- 35) Machinery and Components
- 36) Mail Management
- 37) Marine and Harbor
- 38) Marketing and Public Relations
- 39) Medical Equipment
- 40) Miscellaneous Furniture
- 41) Musical Instruments
- 42) Office Furniture
- 43) Office Management Maintenance and Repair
- 44) Office Services
- 45) Packaged Furniture.
- 46) Printing and Photographic Equipment
- 47) Protective Equipment

- 48) Records Management
- 49) Search and Navigation
- 50) Security Animals and Related Services
- 51) Security Services
- 52) Security Systems
- 53) Signs
- 54) Social Services
- 55) Structures
- 56) Technical and Engineering Services (non- IT)
- 57) Telecommunications
- 58) Testing Equipment
- 59) Training

NOTE: More information related to the Order Level Materials SIN is available at gsa.gov/mascategoryrequirements

SIN Level Regulations:

| Regulation Number | Regulation Title/Comments |
|-------------------|--|
| 552.238-115 | SPECIAL ORDERING PROCEDURES FOR THE ACQUISITION OF ORDER-LEVEL MATERIALS (MAY 2019) |
| SCP-FSS-007 | SPECIAL PROPOSAL INSTRUCTIONS FOR ORDER-LEVEL MATERIALS SPECIAL ITEM NUMBER (DEC 2019) |