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:     FSC Class:

Contract number: GS-35F-320AA

Contract period: April 18, 2018-April 17, 2023

Constellation Software Engineering, LLC.
180 Admiral Cochrane Drive, Suite 230
Annapolis, MD 21401
Phone: 301-459-8880
Fax: 443-432-0214
www.cse-corp.com

Contract administration source:
Christopher Holtery
chris.holtery@cse-corp.com

Business size: *Small

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

Price list current as of Modification #PO-0016 effective July 21, 2022

Prices Shown Herein are Net (discount deducted)
CUSTOMER INFORMATION

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

<table>
<thead>
<tr>
<th>SINs</th>
<th>Recovery</th>
<th>SIN Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>54151S</td>
<td>54151S/STLOC/RC</td>
<td>Information Technology Professional Services</td>
</tr>
<tr>
<td>OLM</td>
<td>OLM/STLOC/RC</td>
<td>Order-Level Materials (OLM’s)</td>
</tr>
</tbody>
</table>

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply. Not Applicable

1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate “Not applicable” for this item. See Page 4

2. Maximum order: $500,000

3. Minimum order: $100

4. Geographic coverage (delivery area). Domestic

5. Point(s) of production (city, county, and State or foreign country). Constellation Software Engineering, LLC. 180 Admiral Cochrane Dr., Ste 230 Annapolis, MD 21401

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

7. Quantity/Volume discounts. .5% discount on orders over $200,000

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

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

10a. Time of delivery. (Contractor insert number of days.) To Be Determined at the Task Order level

10b. Expedited Delivery. Items available for expedited delivery are noted in this price list. To Be Determined at the Task Order level

10c. Overnight and 2-day delivery. To Be Determined at the Task Order level

10d. Urgent Requirements. To Be Determined at the Task Order level

11. F.O.B. point(s). Destination
12a. Ordering address(es).

Constellation Software Engineering, LLC.
180 Admiral Cochrane Dr., Ste 230, Annapolis, MD 21401
Phone: 301-459-8880 / Fax: 443-432-0214
www.cse-corp.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). Constellation Software Engineering, LLC.
180 Admiral Cochrane Dr., Ste 230, Annapolis, MD 21401

14. Warranty provision. Standard Commercial Warranty Terms & Conditions

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/. www.cse-corp.com

23. Unique Entity Identifier (UEI) number. ZKMFMGSGJ4Q8

24. Notification regarding registration in System for Award Management (SAM) database. Contractor registered and active in SAM. Cage Code: 1XJD6
<table>
<thead>
<tr>
<th>SIN</th>
<th>Labor Category</th>
<th>GSA Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54151S</td>
<td>Administrative Assistant</td>
<td>$63.77</td>
</tr>
<tr>
<td>54151S</td>
<td>Application Architect</td>
<td>$129.24</td>
</tr>
<tr>
<td>54151S</td>
<td>Application Architect, SR</td>
<td>$149.68</td>
</tr>
<tr>
<td>54151S</td>
<td>Data Support Specialist</td>
<td>$65.64</td>
</tr>
<tr>
<td>54151S</td>
<td>Database Administrator</td>
<td>$85.03</td>
</tr>
<tr>
<td>54151S</td>
<td>Database Administrator, SR</td>
<td>$114.79</td>
</tr>
<tr>
<td>54151S</td>
<td>Documentation Specialist</td>
<td>$102.03</td>
</tr>
<tr>
<td>54151S</td>
<td>Documentation Specialist, SR</td>
<td>$130.94</td>
</tr>
<tr>
<td>54151S</td>
<td>Enterprise Engineer</td>
<td>$127.50</td>
</tr>
<tr>
<td>54151S</td>
<td>Help Desk Manager</td>
<td>$53.14</td>
</tr>
<tr>
<td>54151S</td>
<td>Help Desk Manager, SR</td>
<td>$65.64</td>
</tr>
<tr>
<td>54151S</td>
<td>Information Systems Engineer</td>
<td>$145.08</td>
</tr>
<tr>
<td>54151S</td>
<td>Information Systems Engineer, Sr</td>
<td>$155.17</td>
</tr>
<tr>
<td>54151S</td>
<td>Integration Specialist</td>
<td>$127.54</td>
</tr>
<tr>
<td>54151S</td>
<td>Integration Specialist, SR</td>
<td>$154.22</td>
</tr>
<tr>
<td>54151S</td>
<td>Intern/ Help Desk Specialist</td>
<td>$30.72</td>
</tr>
<tr>
<td>54151S</td>
<td>Program Manager</td>
<td>$181.81</td>
</tr>
<tr>
<td>54151S</td>
<td>Program Manager, SR</td>
<td>$201.94</td>
</tr>
<tr>
<td>54151S</td>
<td>Project Manager</td>
<td>$138.34</td>
</tr>
<tr>
<td>54151S</td>
<td>Project Manager, SR</td>
<td>$167.67</td>
</tr>
<tr>
<td>54151S</td>
<td>Quality Assurance Analyst</td>
<td>$115.78</td>
</tr>
<tr>
<td>54151S</td>
<td>Quality Assurance Analyst, SR</td>
<td>$143.76</td>
</tr>
<tr>
<td>54151S</td>
<td>Requirements Manager</td>
<td>$121.94</td>
</tr>
<tr>
<td>54151S</td>
<td>Requirements Manager, SR</td>
<td>$138.34</td>
</tr>
<tr>
<td>54151S</td>
<td>Software Engineer</td>
<td>$110.53</td>
</tr>
<tr>
<td>54151S</td>
<td>Software Engineer, SR</td>
<td>$129.24</td>
</tr>
<tr>
<td>54151S</td>
<td>Software Project Manager</td>
<td>$125.73</td>
</tr>
<tr>
<td>54151S</td>
<td>Software Project Manager, SR</td>
<td>$167.67</td>
</tr>
<tr>
<td>54151S</td>
<td>Subject Matter Expert</td>
<td>$170.05</td>
</tr>
<tr>
<td>54151S</td>
<td>Subject Matter Expert, SR</td>
<td>$207.25</td>
</tr>
<tr>
<td>54151S</td>
<td>System Engineer</td>
<td>$110.53</td>
</tr>
<tr>
<td>54151S</td>
<td>System Engineer, SR</td>
<td>$133.70</td>
</tr>
<tr>
<td>54151S</td>
<td>Technical Editor</td>
<td>$65.03</td>
</tr>
<tr>
<td>54151S</td>
<td>Technical Editor, SR</td>
<td>$69.58</td>
</tr>
<tr>
<td>54151S</td>
<td>Technical Writer</td>
<td>$106.28</td>
</tr>
<tr>
<td>54151S</td>
<td>Technical Writer, SR</td>
<td>$130.94</td>
</tr>
</tbody>
</table>
Labor Category Descriptions

1. ADMINISTRATIVE ASSISTANT

General Summary
Administrative Assistants are senior administrative support positions in most departments and usually report to the department director. Individuals at this level have widely varying tasks depending on the organization of the department or division. The tasks normally include providing advanced secretarial support to senior management, supervising junior clerical staff, and administering various division or department support activities.

Principal Duties and Responsibilities
The Administrative Assistant in the Space Science and Engineering Division often performs the following functions:

- Serves as an advisor to administrative support staff within subordinate departments and provides career guidance to junior Administrative Assistant staff.
- Anticipates and obtains needed background information when the supervisor’s involvement is necessary.
- Anticipates supervisor’s need for information and collects, analyzes, and organizes the information as necessary.
- Uses judgment in determining supervisor level of involvement in matters related to the work group.
- Refers matters requiring action to others when issues can be settled independently.
- Meets and deals with clients, staff, etc., and in the supervisor’s absence, may, within delegated limits, give information or initiate action on behalf of the supervisor.
- Conserves the superior’s time by accomplishing appropriate actions without the superior’s direct involvement.
- Directs the activities and administrative protocols followed by clerical and secretarial staff within the work group.

Job Specifications
Administrative Assistants must have demonstrated knowledge of internal processes of the Institute, especially those that relate to the Space Science and Engineering Division activities. They should have a thorough knowledge of correspondence protocol, modern office management practices and principles, computer software, Institute and division policies and procedures, and the ability to interpret them to individuals who inquire. They should have the ability to work independently in the absence of specific instructions on a number of tasks with a high degree of speed in the organizational skills. Existing staff should have a high school education or equivalent with ten years of experience in related positions. Ten to twelve years of outside experience are required for new employees.

2. APPLICATION ARCHITECT

General Summary
Under general supervision, engineers software solutions based upon client requirements. Generally, has one or more Software Engineers on staff and heads up projects that make use of commercially available or custom Computer Aided Software Engineering (CASE) tools as required.

Principal Duties and Responsibilities

- Engineers software solutions based upon client requirements.
- Supervises a staff of Software Engineers as required.
- Manages projects that make use of commercially available or custom CASE tools as required.
- Develops technical documentation detailing the project design parameters.
- May perform other duties as assigned.

Job Specifications
Bachelor's Degree or equivalent and 8 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, six (6) years of general experience is required. With a PhD, 4 years of general experience is required.
3. APPLICATION ARCHITECT, SR

General Summary
Under general supervision, engineers software solutions based upon client requirements. Generally, has one or more Software Engineers and Application Architects on staff and heads up projects that make use of commercially available or custom Computer Aided Software Engineering (CASE) tools as required.

Principal Duties and Responsibilities
- Engineers software solutions based upon client requirements.
- Supervises a staff of Application Architects and Software Engineers as required.
- Manages projects that make use of commercially available or custom CASE tools as required.
- Develops technical documentation detailing the project design parameters.
- May perform other duties as assigned.

Job Specifications
Bachelor’s Degree or equivalent and 10 years of general experience. Eight (8) years of general experience is considered equivalent to a Bachelor’s Degree. With a Master’s Degree, six (6) years of general experience is required. With a PhD, 4 years of general experience is required.

4. DATA SUPPORT SPECIALIST

General Summary
The job of Database Support Specialist is done for the purpose/s of training and problem resolution with vendor software applications and network sub-systems to meet the technology needs of the district; providing application support to site administrators and resolving district or school site operational issues.

Principal Duties and Responsibilities
- Assesses malfunctions of vendor software applications (server or local machine resident) for the purpose of determining appropriate actions to maintain computer and/or network operations.
- Develops, implements, and maintains security coding schemes and procedures for the purpose of ensuring appropriate end-user access to the system and protecting data security and integrity.
- Develops user guides for routine use of vendor programs throughout the district (e.g. understanding error messages removing temporary files, defragmenting disk, etc.) for the purpose of controlling down time.
- Maintains a variety of computerized records, files, and databases (e.g. backups, logs, and journals) for the purpose of documenting activities, providing reliable information and complying with district, state and federal requirements.
- Prepares written materials (e.g. procedures, instructions, memos, letters, etc.) for the purpose of documenting activities, providing written reference and/or conveying information.
- Responds to inquiries for the purpose of solving problems, providing information and/or direction as may be required.
- Supports assigned Database Analyst for the purpose of providing assistance with the completion of their work activities.
- Trains district and site staff on vendor software applications, primarily related to Internet or intranet related applications (e.g. e-mail, website development, etc.) for the purpose of ensuring their ability to use new and/or existing software.

Job Specifications
Requires Bachelor’s Degree and at least 5 years of experience in the field or in a related area. Skills are required to perform multiple, technical tasks with a need to occasionally upgrade skills in order to meet changing job conditions. Specific skills required to satisfactorily perform the functions of the job include: utilizing pertinent diagnostic and application software; troubleshooting hardware/software; adhering to safety practices; planning and managing projects; and preparing and maintaining accurate records. KNOWLEDGE is required to perform algebra and/ or geometry; review and interpret highly technical information, write technical materials, and/or speak persuasively to implement desired actions; and analyze situations to define issues and draw conclusions. Specific knowledge required to satisfactorily perform the functions of the job includes: a variety of computer operating system platforms; network environments; Internet capabilities; and development of training materials and techniques.
6. DATABASE ADMINISTRATOR
General Summary
Provides database support to all members of the project team. Performs database analysis, conversion loads, reorganizations, verifications, recoveries and general maintenance support. Provides application support during development and testing. Provides production database support. Validity and security.
Principal Duties and Responsibilities
- Reviews logical and physical design of existing databases and makes recommendations for modifications to ensure optimum operation efficiency.
- Monitors the operational databases at production sites for the purpose of identifying problems of database availability and efficiency.
Required Education
Bachelor’s Degree in computer science, information systems management, mathematics, engineering, or other relevant discipline and 5 years of experience. An additional four years of relevant experience may be substituted for the Bachelor’s Degree.

7. DATABASE ADMINISTRATOR, SR
General Summary
Provides analytic support database support to all members of the project team. Oversees database analysis, conversion loads, reorganizations, verifications, recoveries. Supervises application support during development and testing. Guides production database support, validity and security.
Principal Duties and Responsibilities
- Oversees the review of logical and physical design of existing databases and makes recommendations for modifications to ensure optimum operation efficiency.
- Monitors the operational databases at production sites for the purpose of identifying problems of database availability and efficiency.
Required Education
Bachelor’s Degree in computer science, information systems management, mathematics, engineering, or other relevant discipline and 10 years of experience. An additional eight years of relevant experience may be substituted for the Master’s Degree.

8. DOCUMENTATION SPECIALIST
General Summary
Prepares and/or maintains documentation pertaining to programming, systems operation and user documentation.
Principal Duties and Responsibilities
- Translates business specifications into user documentation.
- Plans, writes, and maintains systems and user support documentation efforts, including online help screen.
- Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment.
- Typically reports to a supervisor or manager.
- Supports documentation activities such as technical writing, illustrating, editing, proofreading, production, and quality control required for the preparation of technical documents, on-line help, and other interactive documentation.
Required Education
May require an Associate's degree in a related area and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field.
9. DOCUMENTATION SPECIALIST, SR General Summary
Supervises the preparation and/or maintenance of documentation pertaining to programming, systems operation and user documentation.

Principal Duties and Responsibilities
- Supervises the translation of business specifications into user documentation.
- Plans, writes, and maintains systems and user support documentation efforts, including online help screen.
- Assists in the development of instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do typically require exercising independent judgment.
- Supervises documentation activities such as technical writing, illustrating, editing, proofreading, production, and quality control required for the preparation of technical documents, on-line help, and other interactive documentation.

Required Education
May require an Bachelor's degree in a related area and 2-4 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Strong business writing skills required.

10. ENTERPRISE ENGINEER
General Summary
Has broad knowledge of multiple aspects of telecommunications network architectures for Government applications. May possess broad knowledge in network integration, network interoperability, network implementation, telecommunications technologies, or network protocols. Capable of independent work on specific tasks associated with the implementation of specific aspects of network architecture projects and is capable of providing limited guidance or supervision of Engineers working on highly complex network architecture projects.

Principal Duties and Responsibilities
- Provides general support for network architecture planning.
- Provides technical support in one or more specific areas associated with network-architecture technology, interoperability, or integration.
- Provides support for the development of technical analyses, white papers, or research for specific technical areas of network architecture.
- Provides general analyses on network interoperability topologies, technologies, interfaces, and protocols.
- May perform other duties as required.

Job Specifications
Bachelor's Degree or equivalent and 5 years of general experience. Eight (8) years of experience in telecommunications network architectures may be substituted for a Bachelor's Degree. With a Master's Degree, six (6) years of general experience is required. With a PhD, 4 years of general experience is required.

11. ENTERPRISE ENGINEER, SR
General Summary
Has extensive knowledge of multiple aspects of telecommunications network architectures for Government applications. Posse’s extensive knowledge in network integration, network interoperability, network implementation, telecommunication technologies, or network protocols. Manages enterprise engineers.

Principal Duties and Responsibilities
- Oversees the support for network architecture planning.
- Oversees technical support in one or more specific areas associated with network-architecture technology, interoperability or integration.

Job Specifications
Bachelor's Degree or equivalent and minimum of 10 years of senior technical lead experience in client server distributed computing. Responsible for developing the presentation layer in client server applications (User Interface).
12. HELP DESK MANAGER
General Summary
Has overall responsibility for help desk staff and the activities associated with the identification, prioritization, and resolution of reported problems. Ensures that all phases of help desk support are properly coordinated, monitored, logged, tracked and resolved appropriately. May maintain responsibility for development, maintenance and integrity of help desk software. Assigns personnel to various operations and directs their activities; reviews and evaluates their work and prepares performance reports.
Principal Duties and Responsibilities
• Familiarity with appropriate desktop systems.
• Ability to communicate orally and in writing and experience interfacing with clients and customers and handling sensitive issues.
• Two to three years progressively responsible computer operations, network management and/or desktop support experience.
Job Specifications
Bachelor’s Degree in computer science, information systems management, mathematics, engineering, or related scientific field. Four (4) years of documented relevant experience or an Associate’s Degree together with two (2) years of documented relevant experience, may be substituted for the Bachelor’s Degree.

13. HELP DESK MANAGER, SR
General Summary
Supervises the day-to-day operations of help desk managers and the department.
Principal Duties and Responsibilities
• Identifies, researches, and resolves complex technical problems.
• Creates and manages escalation procedures and ensures service levels are maintained.
• Documents, tracks, and monitors problems to ensure resolution in a timely manner.
• A level III supervisor has full authority and may be considered lower middle management
Job Specifications
Bachelor's degree in area of specialty and 10 years management experience. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.

14. INFORMATION SYSTEMS ENGINEER
General Summary
Has knowledge in one or more aspects of telecommunications network architectures for Government applications. May possess broad knowledge in network integration, network interoperability, network implementation, telecommunications technologies, or network protocols. Capable of working, with supervision, on specific tasks associated with specific aspects of network architecture projects.
Principal Duties and Responsibilities
• Provides assistance and performs general technical tasks for network architecture planning.
• Provides support for one or more specific areas associated with network- architecture technology, interoperability, or integration.
• Supports the development of technical analyses, white papers, or research for specific technical areas of network architecture.
• Assists in general analysis on network interoperability topologies, technologies, interfaces, and protocols.
• May perform other duties as required.
Job Specifications
Bachelor's Degree in Electrical/Electronics Engineering, Computer Science, or Information Systems and 5 years relevant experience. Eight (8) years of experience in telecommunications network architectures may be substituted for a Bachelor's Degree.
15. INFORMATION SYSTEMS ENGINEER, SR

General Summary
Applies knowledge of computer concepts and techniques to develop and apply automated solutions to engineering, scientific, or business data acquisition and management problems.

Principal Duties and Responsibilities
- Uses scientific and engineering logic to independently identify conceptual or theoretical solutions to problems of computer hardware or software design and operation.
- Develops alternative approaches to design, test, and evaluation techniques for solving automation problems, evaluates and recommends that which will provide the optimum solution glancing specific project needs with economic constraints.
- Formulates systems design, functional specification, interfaces and documentation of computer systems considering system interrelationships, operating modes, and equipment configurations.
- Responsible for developing project plans, justifications, guidelines, and controls.

Job Specifications
Ten years of experience in the functions described above. Bachelor’s Degree in computer science, information systems management, mathematics, engineering or related field. An additional four years of relevant experience may be substituted for the Bachelor’s Degree.

16. INTEGRATION SPECIALIST General Summary
Develops and implements solutions coordinating applications across the enterprise or its units/departments. Has knowledge of commonly used concepts, practices, and procedures within a particular field.

Principal Duties and Responsibilities
- Evaluates existing components or systems to determine integration requirements and to ensure final solutions meet organizational needs. Reuses components when possible and assists management in buy/build decisions.
- Relies on instructions and pre-established guidelines to perform the functions of the job. Works under general supervision.
- Primary job functions do not typically require exercising independent judgment. Typically reports to a manager.

Job Specifications
May require a bachelor's degree and 0-3 years of experience in the field or in a related area.

17. INTEGRATION SPECIALIST, SR

General Summary
Develops and implements solutions coordinating applications across the enterprise or its units/departments. Relies on experience and judgment to plan and accomplish goals. May lead or direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.

Principal Duties and Responsibilities
- Evaluates existing components or systems to determine integration requirements and to ensure final solutions meet organizational needs.
- Reuses components when possible and assists management in buy/build decisions.

Job Specifications
May require a bachelor's degree and 3-5 years of experience in the field or in a related area. Familiar with the standard concepts, practices, and procedures.
18. **INTERN / HELP DESK SPECIALIST**

**General Summary**
Serves as the initial point-of-contact for troubleshooting hardware/software, PC, and printer problems.

**Principal Duties and Responsibilities**
- Provides phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and applications developed under this contract or predecessors.

**Job Specifications**
Associates Degree or equivalent and 3 years relevant experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.

19. **PROGRAM MANAGER**

**General Summary**
Directs the performance of a variety of related projects, which may be organized by technology, program, or client. Oversees the technology development and/or application, marketing, and resource allocation within program client base. Program areas typically represent more than three functional areas that may include engineering, systems analysis, quality control, administration, etc.

**Principal Duties and Responsibilities**
- Responsible for the effective management of funds and personnel and is accountable for the quality and timely delivery of all contractual items.
- Operates within client guidance, contractual limitations, and Company business and policy directives.
- Serves as focal point-of-contact with client regarding program activities.
- Ensures that all required resources including manpower, production standards, computer time, and facilities are available for program implementation.
- Manages program consisting of multiple projects including project identification, design, development, and delivery.
- Maintains the development and execution of business opportunities based on broad, general guidance.
- Confers with project manager to provide technical advice and to assist with problem resolution.
- Responsible for marketing new technology and follow-on business acquisitions.
- May perform other duties as assigned.

**Job Specifications**
Bachelor's Degree or equivalent and 10 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's Degree. With a Master's Degree, eight (8) years of general experience is acceptable. With a PhD, 6 year of general experience is required.

20. **PROGRAM MANAGER, SR**

**General Summary**
Ten years of experience in information technology with at least 5 years involving program management. Must be well versed in full systems development life cycle, enterprise-wide network engineering, and strategic information planning, business process reengineering, structure and management practices.

**Principal Duties and Responsibilities**
- Guides and interacts with senior management in the planning and allocation of corporate information assets.
- Conducts market research on hardware and software and all associated feasibility studies geared toward adding organizational efficiency and effectiveness.

**Job Specifications**
Bachelor’s Degree
21. PROJECT MANAGER
General Summary
Serves as the central point of contact for delivery orders and interfaces with the Contracting Officers Technical Representatives.
Principal Duties and Responsibilities
- Establishes and enforces procedures to assure that all tasks are performed in accordance with applicable standards, quality requirements, estimated costs, and schedules.
- Coordinates development, quality assurance, configuration management, documentation support, software maintenance, and daily supervision of subordinates.
- Prepares reports and delivers briefings on the status of task assignments to contract management personnel and technical points of contact.
- Reviews work of subordinates, resolves discrepancies, prioritizes work, and accommodates changes.
Job Specifications
Six years of experience including complete project development from inception to deployment with a demonstrated ability to provide guidance and direction in tasks of similar scope and complexity. Bachelor’s Degree in a recognized technical, engineering, scientific, managerial, business, or other related discipline. An additional four years of relevant experience may be substituted for the Bachelor’s Degree.

22. PROJECT MANAGER, SR
General Summary
Serves as the central point of contact for delivery orders and interfaces with the Contracting Officers Technical Representatives.
Principal Duties and Responsibilities
- Establishes and enforces procedures to assure that all tasks are performed in accordance with applicable standards, quality requirements, estimated costs, and schedules. Coordinates development, quality assurance, configuration management, documentation support, software maintenance, and daily supervision of subordinates.
- Prepares reports and delivers briefings on the status of task assignments to contract management personnel and technical points of contact.
- Reviews work of subordinates, resolves discrepancies, prioritizes work, and accommodates changes.
Job Specifications
Eight years of experience including complete project development from inception to deployment with a demonstrated ability to provide guidance and direction in tasks of similar scope and complexity. Bachelor’s Degree in a recognized technical, engineering, scientific, managerial, business, or other related discipline.

23. QUALITY ASSURANCE ANALYST
General Summary
Serves as the focal point for maintaining the quality of contract deliverables. Develops plans and guidelines for quality assurance, instructs project staff in the principles of quality management and the specifics of quality programs for projects and tasks, and works with project leadership to implement quality assurance procedures. Leads independent quality review teams for project and task deliverables and prepares reports and delivers briefings on the quality status of deliverables.
Principal Duties and Responsibilities
- Develops and implements quality assurance programs for projects and tasks of similar scope and complexity.
Job Specifications
Bachelor’s Degree in a recognized technical, engineering, scientific, managerial, business, or other related discipline and 5 years relevant experience. An additional four years of relevant experience may be substituted for the Bachelor’s Degree.
24. QUALITY ASSURANCE ANALYST, SR
General Summary
Manage and serves as the focal point for maintaining the quality of contract deliverables. Develops plans and guidelines for quality assurance, instructs project staff in the principles of quality management and the specifics of quality programs for projects and tasks, and works with project leadership to implement quality assurance procedures. Leads independent quality review teams for project and task deliverables and prepares reports and delivers briefings on the quality status of deliverables.

Principal Duties and Responsibilities
• Develops and implements quality assurance programs for projects and tasks of similar scope and complexity.

Job Specifications
Bachelor’s Degree in a recognized technical, engineering, scientific, managerial, business, or other related discipline and 8 years relevant experience. An additional four years of relevant experience may be substituted for the Bachelor’s Degree.

25. REQUIREMENTS MANAGEMENT ENGINEER
General Summary
Primary responsibilities include the development of DXL tools, implementing requirements updates following approval process, and managing and maintaining DOORS database.

Principal Duties and Responsibilities
• Provide support regarding the DOORS application to project teams.
• Monitor and maintain integrity of links during the development phases of programs.
• Generate reports and analysis.
• Coordinate and support all users of the requirements database.
• Develop and deploy scripts and templates for use with the DOORS requirements database with RPE
• Implement the Change Synergy Software tool to work in coordination with the DOORS database.
• Train and mentor users.
• Troubleshoot DOORS problems.
• Create required Microsoft Word documents from the door database to support project teams.
• Develop and implement common best practices for DOORS to support requirements management throughout the organization.
• Import requirements from other databases to DOORS.
• Work with Systems Engineer to extract stakeholder requirements.
• Manage changes to requirements.
• Experience with, or willingness to learn, Citrix administration.
• Perform other duties as assigned.

Job Specifications
Bachelor’s Degree in engineering or technical field or combination of education and experience. A minimum of 4 years related experience. Knowledge and experience of DXL programming language. Fluent in the use of IBM/Telelogic DOORs Requirements Management tool, Microsoft Word and Microsoft Excel is a must.
26. REQUIREMENTS MANAGEMENT ENGINEER, SR
General Summary
Primary responsibilities include the management of all engineers with implementing requirements updates following approval process and managing and maintaining DOORS database.
Principal Duties and Responsibilities
- Manage all aspects of the DOORS application to project teams.
Job Specifications
Bachelor’s degree in engineering or technical field or combination of education and experience. A minimum of 8 years related experience. Knowledge and experience of DXL programming language. Fluent in the use of IBM/Telelogic DOORs Requirements Management tool, Microsoft Word and Microsoft Excel is a must.

27. SOFTWARE ENGINEER
General Summary
Develop engineer software solutions using commercially available or custom Computer Aided Software Engineering (CASE) tools as required.
Principal Duties and Responsibilities
- Experience with full life cycle life development; requirements gathering, analysis, design, coding unit testing and acceptance testing.
- Strong working knowledge with Object-Oriented Analysis, Design, and Implementation.
- Experience with iterative design and development methodologies
- Development of J2EE applications.
- Experience applying Design Patterns.
- Knowledge and experience of (Java, J2EE, WebServices, XML and SOAP)
- Experience leveraging .NET Framework Services, custom attributes.
- Prior work experience in a start-up or similar fast-paced, demanding environment.
- Performance testing, analysis and tuning experience.
Job Specifications
Bachelor’s degree in computer science or equivalent combination of education and experience. Minimum of 5 years of experience in related field, must possess good communication skills

28. SENIOR SOFTWARE ENGINEER
General Summary
Under general supervision, engineer software solutions based upon client requirements. Generally reports to an Application Architect and makes use of commercially available or custom Computer Aided Software Engineering (CASE) tools as required.
Principal Duties and Responsibilities
- Engineer software solutions based upon client requirements.
- Supports an Application Architect as required.
- Uses commercially available or custom CASE tools as required.
- Develops technical documentation detailing the project design parameters.
- May perform other duties as assigned.
Job Specifications
Bachelor's Degree or equivalent and 8 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, three (3) years of general experience is required. With a PhD, 1 year of general experience is required.
29. SOFTWARE PROJECT MANAGER

General Summary
Technical subject matter expert for enterprise-wide system management tools and operations. Broad understanding of complex, multi-platform information technology (IT) infrastructure operations, hardware, software, processes and tools. Develops detailed design documents for multiple platform three-tiered client server environments. Architect solutions for systems management tools and oversees project implementation.

Principal Duties and Responsibilities
- Design and document enterprise management solutions for complex heterogeneous IT environments.
- Architect solutions that integrate systems, network and help desk tools into an integrated IT solution.
- Provide hardware and software tool selection analysis and recommendations.
- Manages technical teams with diverse areas of specialization to implement multiple software management tools either sequentially or in parallel.
- Confers with project manager to provide technical advice and to assist with problem resolution.
- May perform other duties as assigned.

Job Specifications
Bachelor's Degree or equivalent and 8 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's Degree. With a Master's Degree, six (6) years of general experience is acceptable. With a PhD, 4 years of general experience is required.

30. SOFTWARE PROJECT MANAGER, SR

General Summary
Supervisor for technical subject matter expert for enterprise-wide system management tools and operations. Broad understanding of complex, multi-platform information technology (IT) infrastructure operations, hardware, software, processes and tools. Oversees development detailed design documents for multiple platform three-tiered client server environments. Manages architect solutions for systems management tools and oversees project implementation.

Principal Duties and Responsibilities
- Supervises the design and document enterprise management solutions for complex heterogeneous IT environments.
- Manages the architecture of solutions that integrate systems, network and help desk tools into an integrated IT solution.
- Oversees the hardware and software tool selection analysis and recommendations.
- Supervises technical teams with diverse areas of specialization to implement multiple software management tools either sequentially or in parallel.
- Confers with project manager to provide technical advice and to assist with problem resolution.
- May perform other duties as assigned.

Job Specifications
Bachelor's Degree or equivalent and 12 years of general experience. Eight (8) years of general experience is equivalent to a Bachelor's Degree. With a Master's Degree, six (6) years of general experience is acceptable. With a PhD, 4 years of general experience is required.
31. SUBJECT MATTER EXPERT
General Summary
Performs analytic work in support of systems engineering or planning activities, including the development of preliminary and detailed functional analysis required for ADP systems. Subject matter functional expertise provided includes areas such as inventory management, supply, provisioning, maintenance, transportation, personnel, financial management, and administration.

Principal Duties and Responsibilities
- Five years applied experience in specific area of expertise including functional experience with relevant processes and ADP systems.

Job Specifications
Bachelor’s Degree in a recognized technical, engineering, scientific, managerial, business, or other discipline related to area of expertise. An additional four years of relevant experience may be substituted for the Bachelor’s Degree.

32. SUBJECT MATTER EXPERT, SR
General Summary
Serves as a group leader ensuring that a group of analysts are working in concert to automate complex business practices within the time frame specified by the customer and that all of the requirements are met. Must be able to assess products and procedures for compliance with government standards, accounting principles, and multi-tiered system application standards. Must be able to grasp interrelationships between financial management requirements and automation solutions, considering the current system environment and the potential integration of added systems concurrently or later.

Principal Duties and Responsibilities:
- Prepares milestone status reports and presentations for colleagues, subordinates, and end user representatives.
- Coordinates all aspects of complex financial application automation, requesting guidance only in extremely difficult situations.
- Completes objectives independently within the negotiated budget.

Job Specifications
Master’s Degree or Bachelor’s degree with 10 years management experience or a professional certification such as CPA or other similar professional certifications or a Bachelor’s Degree and 15 years of experience.

33. SYSTEM ENGINEER
General Summary
Performs a variety of systems engineering tasks and activities that are broad in nature and are concerned with major systems design, integration, and implementation, including personnel, hardware, software, budgetary, and support facilities and/or equipment.

Principal Duties and Responsibilities
- Provides quality assurance review and the evaluation of new and existing software products.

Job Specifications
Bachelor's Degree or equivalent in Computer Science, Engineering, or related field and 5 years of relevant experience.
34. SYSTEM ENGINEER, SR

General Summary
Evaluates work flows, organizational processes and procedures and develops enterprise-wide or large-scale computer/information management system solutions. Designs architecture to include the software, hardware, and communications to support the total requirement. Provides for present and future cross-functional requirements and interfaces. Ensures systems are compliant and compatible with open systems architecture standards. May provide daily supervision to project staff.

Principal Duties and Responsibilities
- Ten or more years of technical experience performing requirements analysis and systems design for enterprise-wide or large-scale computer and information systems.
- Requires in-depth understanding of structured analysis and complex architecture design, concepts, and methods. Possesses state-of-the-art knowledge of the open systems standards (e.g., OSI, ISO, OSE, TAFIM), design methodologies and tools such as entity relationships, data flow diagrams, IDEF1x, object-oriented principles, and system engineering practices.

Job Specifications
Bachelor's Degree or equivalent in Computer Science, Engineering, or related field and 8 years of relevant experience. (Master's Degree preferred)

35. TECHNICAL EDITOR

General Summary
Designs and develops online content. Supervises writers, freelancers, and research assistants. Manages the scheduling, writing, and editing.

Principal Duties and Responsibilities
- Assists in collecting and organizing information required for preparation of user’s manuals, training materials, installation guides, proposals and other report and deliverables.
- Edits functional descriptions, system specifications, user’s manuals, special reports or any other customer deliverables and documents.
- Performs other duties as assigned.

Job Specifications
Bachelor’s degree or equivalent and five (5) years of general experience, Six (6) years of general experience is equivalent to a Bachelor’s Degree. With a Master’s Degree, three (3) years of general experience is acceptable. With a PhD, one (1) year of general experience is required.

36. TECHNICAL EDITOR, SR

General Summary
Assists in collecting and organizing information required for preparation of user’s manuals, training materials, installation guides, proposals, and other reports and deliverables. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents.

Job Specifications
Bachelor's Degree or equivalent and 8 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, three (3) years of general experience is required. With a PhD, 1 year of general experience is required.
37. TECHNICAL WRITER
General Summary
Writes and prepares technical documentation using outlines and resource material provided by functional analysts and computer personnel. Consolidates, formats, requires and edits documentation written by technical personnel. Interprets documentation standards and instructions listed in the Statement of Work and produces documents that conform to instructions. Applies knowledge of required standards and verifies that documentation conforms to standards.

Principal Duties and Responsibilities
- Development of structured written materials and visual aids.

Job Specifications
High school diploma or equivalency certificate, Associates of Arts degree desirable.

38. TECHNICAL WRITER, SR
General Summary
Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses.

Principal Duties and Responsibilities
- May be responsible for coordinating the display of graphics and the production of the document.
- Relies on experience and judgment to plan and accomplish goals.
- Performs a variety of tasks. May lead and direct the work of others. Typically reports to a manager or head of a unit/department.
- A wide degree of creativity and latitude is expected.

Job Specifications
Requires a bachelor's degree in a related area and 8 years of experience in the field or in a related area. Familiar with a variety of the field's