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 for GSA Advantage® is GSAAdvantage.gov

MULTIPLE AWARD SCHEDULE
Category Code: F
Title: Information Technology - IT Services
F03. IT Services Subcategory
FSC/PSC Code: D399

Category Code: G
Title: Miscellaneous
G06. Complimentary SINs Subcategory
FSC/PSC Code: 0000

Contract Number: GS-35F-0471U

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov

Contract Period: July 1, 2018 to June 30, 2023

Pricelist current through Modification PS-0056 dated June 22, 2021

CONTRACTOR: TISTA Science and Technology Corporation
1201 Seven Locks Road, Suite 350
Rockville, MD 20854
Phone: 301-968-3420
Fax: 866-286-9310
www.tistatech.com

CONTRACTOR'S ADMINISTRATION SOURCE:
Asif Ahmed
1201 Seven Locks Road, Suite 350
Rockville, MD 20854
Phone: 301-968-3420
Fax: 866-286-9310
E-mail: GSAcontracts@tistatech.com

BUSINESS SIZE: Large Business
CUSTOMER INFORMATION:

1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs):

<table>
<thead>
<tr>
<th>SIN</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>54151S; 54151S/STLOC</td>
<td>Information Technology Professional Services – SUBJECT TO COOPERATIVE PURCHASING</td>
</tr>
<tr>
<td>54151HEAL</td>
<td>Health Information Technology Services – SUBJECT TO COOPERATIVE PURCHASING</td>
</tr>
<tr>
<td>518210C</td>
<td>Cloud Information Technology Services- SUBJECT TO COOPERATIVE PURCHASING</td>
</tr>
<tr>
<td>541611</td>
<td>Management and Financial Consulting, Acquisitions and Grants management Support, and Business program and Project Management Services</td>
</tr>
<tr>
<td>OLM/STLOC</td>
<td>Order-Level Materials (OLM)</td>
</tr>
</tbody>
</table>

1b. Lowest priced model number and lowest unit price for that model for each special item number awarded in the contract: See Price List

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: See page 4 through 38.

2. MAXIMUM ORDER: SINs 54151S; 54151S/STLOC: $500,000
   SIN 54151HEAL: $500,000
   SIN 518210C: $500,000
   SIN 541611: $1,000,000
   SINs OLM; OLM/STLOC: $250,000

3. MINIMUM ORDER: $100.00 or as negotiated.


5. POINT(S) OF PRODUCTION (city, county, and State or foreign country): N/A

6. DISCOUNT FROM LIST PRICES OR STATEMENT OF NET PRICES: Prices herein are net government prices.

7. QUANTITY DISCOUNTS: None

8. PROMPT PAYMENT TERMS: 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): N/A

10a. TIME OF DELIVERY: 30 Days ARO or as Negotiated at the task order level.

10b. EXPEDITED DELIVERY: Negotiated at the task order level.

10c. OVERNIGHT AND 2-DAY DELIVERY: N/A

10d. URGENT REQUIREMENTS: Agencies can contact the Contractor’s representative to affect a faster delivery. Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.

11. FOB POINT: Destination

12a. ORDERING ADDRESS: TISTA Science and Technology Corporation
1201 Seven Locks Road, Suite 350
Rockville, MD 20854
Phone: 301-968-3420
Fax: 866-286-9310
E-mail: GSAcontracts@tistatech.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: Same as contractor

14. WARRANTY PROVISION: N/A

15. EXPORT PACKING CHARGES: N/A

16. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE): N/A

17. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE): N/A

18a. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE): N/A
18b. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE): N/A

19. LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE): N/A

20. LIST OF PARTICIPATING DEALERS (IF APPLICABLE): N/A

21. PREVENTIVE MAINTENANCE (IF APPLICABLE): N/A

22a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants): N/A

22b. Section 508 Compliance for Electronic and Information Technology (EIT): Section 508 compliance information on the supplies and services in this contract are available at the following website address (URL): www.tistatech.com

The EIT standard can be found at: www.Section508.gov/.

23. DUNS NUMBER: 611509055

24. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE: Registered. Registration valid to May 7, 2022.
1. **Health IT APP Developer 1**  
   **Minimum Education:** Bachelor’s degree in computer science, electronics engineering, or other engineering or technical discipline is required.  
   **Minimum Experience:** Two (2) years of relevant experience required.  
   **Responsibilities:** Works under general direction. Formulates/defines system scope and objectives. Devises or modifies procedures to solve moderately complex problems considering computer equipment capacity and limitations. Codes, tests, debugs, and documents computer programs. May be familiar with Internet technologies. Working knowledge of at least one development language. May be involved in related areas such as database design/management and evaluation of commercial off-the-shelf (COTS) products.

2. **Health IT APP Developer 2**  
   **Minimum Education:** Bachelor’s degree in computer science, electronics engineering, or other engineering or technical discipline is required.  
   **Minimum Experience:** Four (4) years of relevant experience required.  
   **Responsibilities:** Formulates/defines system scope and objectives. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations. Prepares detailed specifications from which programs will be written. Designs, codes, tests, debugs, and documents programs. May be familiar with Internet technologies. Working knowledge of at least two development languages. May be involved in related areas such as database design/management, evaluation of commercial off-the-shelf (COTS) products, and analysis of network hardware/software issues. May provide guidance to other systems analysts and programmers.

3. **Health IT APP Developer 3**  
   **Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
   **Minimum Experience:** Six (6) years of relevant experience required.  
   **Responsibilities:** An App Developer 3 must have experience in analyzing customer needs and developing overall concept and design objectives. The developer must be able to create software in a variety of programming and for a variety of IT software applications. Must have experience in debugging and correcting errors in computer programs.

4. **Health IT Architect**  
   **Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
   **Minimum Experience:** Five (5) years of relevant experience required.  
   **Responsibilities:** Experience in design and development of IT architecture. Experience in creating diagrams and documentation with all components that comprise systems including network topology.

5. **Health IT Architect Jr.**  
   **Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
   **Minimum Experience:** Three (3) years of relevant experience required.
Responsibilities: Moderate experience in design and development of IT architecture. Moderate experience in creating diagrams and documentation with all components that comprise systems including network topology.

6. Health IT Business Specialist I
Minimum Education: Associates Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: One (1) year of relevant experience required.
Responsibilities: Reviews, analyzes, and evaluates business systems and user needs. Documents requirements, defines scope and objectives, and formulates systems to parallel overall business strategies. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. 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 manager.

7. Health IT Business Specialist II
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: Reviews, analyzes, and evaluates business systems and user needs. Documents requirements, defines scope and objectives, and formulates systems to parallel overall business strategies. Familiar with relational database concepts, and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a manager.

8. Health IT Business Specialist III
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Reviews, analyzes, and evaluates business systems and user needs. Documents requirements, defines scope and objectives, and formulates systems to parallel overall business strategies. Familiar with relational database concepts, and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager.

9. Health IT Configuration Analyst
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: Configuration analysts are responsible for developing and maintaining software and other technological aspects of a corporation. Although every configuration analyst works with different sets of tools and equipment depending on the company and industry, the general duties are the same.

10. Health IT Configuration Manager
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: Oversee baseline configurations for applications, software, and hardware assets. Identify, organize, and control software and hardware configuration changes. Identify and coordinate processes for version management, system build, backup and recovery, archiving, and change management. Support and facilitate auditing and reporting.

11. **Health IT Database Entry Clerk**
Minimum Education: High School.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: The Data Entry Clerk performs data entry from a variety of source document types and formats. 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.

12. **Health IT DBA: MID Level**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: A DBA: Mid Level is able to clearly identify goals for data management. Can effectively translate user needs to database design. Has experience in creating database management processes and detailed documentation.

13. **Health IT DBA: Senior**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: A DBA: Senior has experience in managing the routine operations and maintenance of databases and ensuring their reliable and efficient performance.

14. **Health IT DBA: Team Lead**
Minimum Education: Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Eight (8) years of relevant experience required.
Responsibilities: A DBA: Team Lead has vast experience in assessing various alternative products, tools, and approaches for data management. Is able to clearly define risks and benefits of various approaches for a given need. Is able to create overarching strategies for design.

15. **Health IT Developer Programmer Jr. I**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: One (1) year of relevant experience required.
Responsibilities: Under general direction, designs, implements, and maintains moderately complex databases with respect to the operating system, access methods, access time, device allocation, validation checks, organization, and statistical methods. Maintains database dictionaries and integrates system through database design.

16. **Health IT Developer Programmer Jr. II**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: Under minimal direction, designs, implements, and maintains moderately complex databases with respect to the operating system, access methods, access time, device allocation, validation checks, organization, and statistical methods. Contributes in discussion about direction of project.

17. Health IT Developer Programmer Jr. III
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: Gives general direction regarding the plan to design, implement, and maintain complex databases with respect to the operating system, access methods, access time, device allocation, validation checks, organization, and statistical methods. Leads many development activities on project. Often acts as development team liaison with the team’s project manager.

18. Health IT Developer Programmer Mid-Level II
Minimum Education: Bachelor’s Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Five (5) years of professional experience in a related field.
Responsibilities: Analyzes system requirements and design specifications. Develops block diagrams, logic flow charts, and coding structures. Translates detailed design into computer program coded instructions; tests, debugs, and refines the computer program to produce the product required by the written specifications. Documents procedures used throughout the program, allowing it to run as a part of a system, and to make changes as required.

19. Health IT Disaster Recovery Analyst
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: Ensure the company's data, data systems, and networks are recoverable. Perform and analyze disaster simulations for the prompt restoration of services. Design and implement disaster recovery and business continuity procedures for re-establishing servers, databases, and operating systems in the event of a disruption.

20. Health IT Disaster Recovery Manager
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: Ensure the company's data, data systems, and networks are recoverable. Perform and analyze disaster simulations for the prompt restoration of services. Design and implement disaster recovery and business continuity procedures for re-establishing servers, databases, and operating systems in the event of a disruption.

21. Health IT Help Desk Jr. Level
Minimum Education: High School.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: A Help Desk Junior is able to respond to end user request for assistance using existing manuals and scripted responses. Must be able to effectively interact with customers and be able to refer ongoing issues to the appropriate engineering support team.

22. **Health IT Help Desk Mid Level**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: A Help Desk Mid Level is able to quickly respond to end user requests for assistance when existing manuals and scripted responses are not sufficient to meet user needs. Must be able to interact with customers and diagnose problems and lead customers through the necessary steps to correct their issues.

23. **Health IT Help Desk Senior Level I**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Five (5) years of relevant experience required.
Responsibilities: A Help Desk SR Level 1 has experience in planning, implementing, and managing customer service systems. Is able to handle customer satisfaction issues. Has experience in reviewing data to identify trends and issues. Is able to effectively report trends to system program teams.

24. **Health IT Help Desk Senior Level II**
Minimum Education: Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Eight (8) years of relevant experience required.
Responsibilities: Help Desk Sr. II performs high level information engineering planning, analysis, design, construction and implementation of complex data-based systems. Develops project plans, controls project scope, and tracks direction in review of complex data products. Designs and facilitates rapid prototyping and joint application development (JAD) sessions designed to provide input into the case tool for development of the application.

25. **Health IT IA/Security Analyst Sr. Level I**
Minimum Education: Bachelor’s in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: An IA/Security Analyst Sr. Level I has extensive IT experience in all aspects of Cyber Security with a vast array of IT systems involving end user as well as enterprise level networks. Experience in designing and implementing systems that meet agency Cyber Security policy and regulations. Must have extensive experience in Cyber Security Tools, network topologies, intrusion detection, PKI, and secured networks.

26. **Health IT IA/Security Analyst Sr. Level II**
Minimum Education: Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: An IA/Security Analyst Sr. Level II has extensive IT experience with Cyber Security Policy and threat mitigation. Must be well versed in Cyber Security Tools, network topologies, intrusion
detection, PKI, and secured networks. Analyst must possess a high level of expertise in developing long term strategies and be knowledgeable about various cyber threats and their mitigation.

27. Health IT Info Analyst Jr.
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: An Info Analyst Jr. performs tasks that involve reviewing, extracting, and analyzing information and data on system processes and procedures. This analysis allows an information analyst to create reports that detail trends in performance and processes, as well as recommend any improvements that benefit a company. They deliver presentations to managers and other senior-level employees, ensuring that technical information is delivered in a way non-technical professionals can understand.

28. Health IT Info Analyst Mid Level
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: An Info Analyst Mid Level performs tasks that involve reviewing, extracting, and analyzing information and data on system processes and procedures. This analysis allows an information analyst to create reports that detail trends in performance and processes, as well as recommend any improvements that benefit a company. They deliver presentations to managers and other senior-level employees, ensuring that technical information is delivered in a way non-technical professionals can understand.

29. Health IT Information Assurance Analyst
Minimum Education: BA/BS Degree in Computer Science, Information Systems, Engineering, Business or other related discipline.
Minimum Experience: Four (4) years of relevant experience with at least two years of specialized experience.
Responsibilities: Under general supervision, uses current information security technology disciplines and practices to ensure the confidentiality, integrity and availability of corporate information assets in accordance with established standards and procedures. Develops and maintains knowledge base on changing regulatory, threat, and technology landscapes to continually develop or maintain security policies and standards and ensure compliance throughout the organization.
• Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems.
• Designs, develops, engineers, and implements solutions that meet network security requirements.
• Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle
• Performs systems analysis of computer and networking systems.

30. Health IT Information Assurance Manager I
Minimum Education: B.S. in Electrical Engineering, Computer Science, or Information Systems. CISSP preferred.
Minimum Experience: Eight (8) years of experience in the engineering and information technology field. Minimum of 4 years of experience in Computer Security/Information Assurance.
Responsibilities: Demonstrated experience in analytical problem solving, and understanding network protocols, architectures and with IA products and systems. Strong verbal and written communication skills required, with the ability to interact and negotiate system/network requirements with clients. Experience in supporting an Information Assurance (IA) programs, requiring extensive experience in Computer Network Defense (CND), system security design, network architecture, security practices, and IA tools.
• Determines enterprise information assurance and security standards.
• Develops and implements information assurance/security standards and procedures.
• Coordinates, develops, and evaluates security programs for an organization.
• Recommends information assurance/security solutions to support customers' requirements.
• Identifies, reports, and resolves security violations.
• Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands.
• Supports customers at the highest levels in the development and implementation of doctrine and policies.
• Applies know-how to government and commercial common user systems, as well as to dedicated special purpose systems requiring specialized security features and procedures.
• Performs analysis, design, and development of security features for system architectures.
• Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers.
• Designs, develops, engineers, and implements solutions that meet security requirements.
• Provides integration and implementation of the computer system security solution.
• Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems.
• Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.
• Ensures that all information systems are functional and secure.

31. Health IT Information Systems Security Officer
Minimum Education: Bachelor’s degree in Computer Science, Engineering, or a related field.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Provides minimally supervised support for difficult analysis and evaluation assignments. Has the ability to provide analysis and consulting to management level personnel. Performs analysis and evaluation of existing or proposed processes, applications, systems, or software. Performs, and/or may direct, project planning, scope, control, management, tracking, or review. May perform functional requirements gathering for projects. Performs analysis and evaluation throughout the process, application, system, or software development life-cycle which includes, but is not limited to: planning, requirements, design, acquisition, development, integration, installation/deployment, performance tuning, testing, or training. Performs, or may direct, document development/preparation at various stages of a project life-cycle (e.g., planning through implementation) to detail analysis results and solution recommendations. Assists with testing to support the project life-cycle, as applicable. Uses methodologies, modeling/estimating techniques, tools, applications, systems, software, or databases at advanced levels to perform assigned tasks. BS/BA or 4 to 6 years’ experience.

32. Health IT Technical Advisor
Minimum Education: Bachelor’s degree in Computer Science, Engineering, or a related field.
Minimum Experience: Four (4) years of professional experience in a related field or a bachelor’s
degree or higher in a related major. Certifications can include CISSP or PMP. Has substantial expertise in design and operation of computer systems.

**Responsibilities:** Provides senior guidance on analysis and resolution of hardware, software, and telecommunications issues. High degree of technical experience. May have specific expertise in technical tools or subject areas such as relational database management systems or computer telephony systems.

33. **Health IT Technical Advisor Jr.**

**Minimum Education:** Bachelor’s Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

**Minimum Experience:** Two (2) years of professional experience in a related field.

**Responsibilities:** Under general direction, uses current information security technology disciplines and practices to ensure the confidentiality, integrity and availability of corporate information assets in accordance with established standards and procedures. Develops and maintains knowledgebase on changing regulatory, threat, and technology landscapes to continually develop or maintain security policies and standards and ensure compliance throughout the organization.

- Determines enterprise information assurance and security standards.
- Develops and implements information assurance/security standards and procedures.
- Coordinates, develops, and evaluates security programs for an organization.
- Recommends information assurance/security solutions to support customers’ requirements.

34. **Health IT Manager**

**Minimum Education:** Bachelor’s degree from an accredited college or university in the Computer Science, Engineering, Information Systems or a related field.

**Minimum Experience:** Three (3) years of intensive and progressive IT experience demonstrating the required proficiency levels related to task.

**Responsibilities:** Responsible for small to medium IT projects or significant segment of a large technology related complex project. Leads team on small to medium IT projects or significant segment of large complex projects. Translate customer technical requirements into formal agreements and plans to culminate in customer acceptance of results, or have acceptance in the targeted market, while meeting technical objectives. Works with client to identify technical requirements, and subsequently leads a team in the executing tasks of a project or segment of a project to produce the technical solution. Executes a wide range of process activities beginning with requirements through development, test and final delivery. Formulates partnerships between customer, suppliers and staff. Anticipates potential project related problems. Utilizes refined techniques for identifying, eliminating or mitigating technical risks. Understands customer, industry and technology trends, and applies this understanding to meet project objectives. Analyzes information and situations and implement actions, independently and or through the management team to ensure project objectives are met. Analyzes new and complex IT project related problems and creates innovative solutions.

35. **Health IT Operations Support Representative**

**Minimum Education:** High School.

**Minimum Experience:** Two (2) years of general experience in office automation developing, writing, proof-reading, editing reports, proposal and documents in support of IT operations.

**Responsibilities:** Using information technology tools, is responsible for developing, drafting, writing and editing reports, briefs, proposals, and other documents in support of a clients’ requirements. Understands, uses, and develops advanced level automated tools (e.g. Excel macros), and other
specialized applications. Interfaces with personnel to coordinate meetings, maintain logs, records and files, provides end-user support, and performs general administrative duties. Assists in budgetary and financial management. Must be capable of working independently. Must be able to communicate orally and in writing with all levels of an organization as required.

36. **Health IT PERFORM Load Tester Jr. Level**  
**Minimum Education:** Bachelor’s Degree  
**Minimum Experience:** Three (3) years of relevant experience required.  
**Responsibilities:** Provide testing and analysis of complex systems to ensure systems are compliant with requirements and can perform well in production. Independently develop test scripts using any of the LoadRunner protocols, create test scenarios and execute tests. Analyze test results using LoadRunner Analysis and write test reports.

37. **Health IT Principal**  
**Minimum Education:** Bachelor’s Degree  
**Minimum Experience:** Ten (10) years of general IT experience, including formal training and 3 years experience in BPR methods, plus training and 1 year experience in enterprise applications.  
**Responsibilities:** Recognized for strong expertise in information technology related industry issues and trends. Utilize functional area expertise gained through direct industry experience to assess the operational and functional baseline of an organization and its organizational components. Examples of the functional areas would include Human Resources, Finance, Supply, Service, etc. Work with senior managers and executives to provide industry vision and strategic direction with regard to their IT enterprise. Guide the determination of information technology inadequacies and/or deficiencies that affect the functional area’s ability to support/meet organizational goals. Generate functional area strategies for enhanced IT operations in a cross-functional area mode throughout the organization. Participate in account strategy sessions, strategic assessments and design reviews to validate enterprise approach and associated work products, such as ERP implementations. Provides guidance and direction to other professionals, acts in a consulting and/or advisory capacity; coordinates resolution of highly complex problems and tasks, possesses ability to meet and operate under deadlines. Activities related to the enterprise resource planning and management processes, including but not limited to: knowledge management, investment analysis, data warehousing, e-commerce, return on investment analysis, human resource analysis, material management and logistics, procurement, ordering, manufacturing, decision support, information dissemination, planning to encompass the strategy, architecture and methodology for an enterprise modernization effort; selection, implementation and measure of packaged solutions for enterprise modernization; complete integration of applications with target data and defined processes.

38. **Health IT Program Manager Jr. Level**  
**Minimum Education:** Bachelor’s Degree  
**Minimum Experience:** Four (4) years of relevant experience required.  
**Responsibilities:** Supports the project/program manager for a large or complex information technology project or group of tasks. May interact frequently with the client’s representative. Responsibilities may include the creation and updating of a project plan and all artifacts included in that plan. This will involve coordination with senior technical staff on their activities and the impact of this on the project schedule, budget, risk management, progress reporting, etc. Takes direction from the PM responsible for the overall management of the project and shares responsibility with that PM for the quality of the project plan. May be involved in briefing the client’s representative on some aspects of the project.
39. **Health IT Program Manager Mid Level**  
**Minimum Education:** A Bachelor's Degree in Information Technology.  
**Minimum Experience:** Eight (8) years of professional experience in an information technology /information management or related field.  
**Responsibilities:** Responsible for project oversight and direction. Ensures conformance with work standards; interprets policies, procedures, goals and objectives of the organization. Ensures appropriate resources are applied to the project. Nature of work involves complex information technology project management, strategic and tactical planning, coordination, control, and critical decision-making. Requires experience related to work being performed. May also involve complex technical engineering design and technology architectural tasks.

40. **Health IT Project Manager Jr. Level**  
**Minimum Education:** A Bachelor's Degree in Information Technology.  
**Minimum Experience:** Three (3) years of relevant experience required  
**Responsibilities:** A Project Manager Jr. must have experience managing Information Technology related projects. Must be well versed in life cycle and project management methodologies. Must have experience in tracking costs, schedule and performance progress. Must be able to identify and mitigate risks.

41. **Health IT Project Manager Mid Level**  
**Minimum Education:** A Bachelor's Degree in Information Technology.  
**Minimum Experience:** Six (6) years of relevant experience required  
**Responsibilities:** The Project Manager Mid-Level Supervises or directly manages and coordinates project through all phases of the systems development life cycle, including planning, requirements analysis, design, development, testing, installation, and evaluation. Responsible for conducting the project in a timely manner, ensuring the quality of work products, maintaining financial soundness of the project, managing interactions, and reporting progress and issues. Ensures conformance with work standards; interprets policies, procedures, and goals and objectives of the organization. Coordinates work effort with all parties. Reviews work products for quality, completeness, and adherence to design concepts and user requirements. Has significant expertise in managing systems projects. Responsible for client liaison.

42. **Health IT Project Manager Sr. Level**  
**Minimum Education:** Bachelor's Degree in Engineering, Computer Science, Systems, Business or related scientific /technical discipline.  
**Minimum Experience:** Ten (10) years of relevant experience is required.  
**Responsibilities:** The Project Manager Sr. Level Supervises or directly manages and coordinates project through all phases of the systems development life cycle, including planning, requirements analysis, design, development, testing, installation, and evaluation. Responsible for conducting the project in a timely manner, ensuring the quality of work products, maintaining financial soundness of the project, managing interactions, and reporting progress and issues. Ensures conformance with work standards; interprets policies, procedures, and goals and objectives of the organization. Coordinates work effort with all parties. Reviews work products for quality, completeness, and adherence to design concepts and user requirements. Has significant expertise in managing systems projects. Responsible for client liaison.

43. **Health IT Quality Assurance Analyst**
Minimum Education: Bachelor's Degree in Engineering, Computer Science, Systems, Business or related scientific/technical discipline.

Minimum Experience: Two (2) years of relevant experience required.

Responsibilities: Reviews new or modified program, including documentation, diagram, and flow chart, to determine if program will perform according to user request and conform to guidelines.

44. Health IT Quality Assurance Manager

Minimum Education: Bachelor’s Degree or higher in Business, Information Systems, or a related discipline.

Minimum Experience: Three (3) years of professional experience.

Responsibilities: Meet with system users to understand usage profiles and user needs. Write test plans for small systems, including plans for integration testing, system testing, stress testing, acceptance testing, and regression testing. Design strategies and write scripts for automated testing of small programs. Write, execute, and analyze the results of test procedures. Write test reports or problem reports indicating whether or not a test passed and, if necessary, provide an analysis. Participate in reviews at any point in the software life cycle. For projects involving small systems, design and implement the software configuration management process and problem reporting system. Help implement a metrics system, i.e., a system that gathers various metrics on software and performance; help write a report on the metrics for the project.

45. Health IT Security Analyst I

Minimum Education: Bachelor’s degree in IT, Engineering, Computer Science, Systems, Business or related scientific/technical discipline.

Minimum Experience: Four (4) years of relevant experience.

Responsibilities: Analyzes and defines security requirements for information protection. Defines and develops security policies. Designs, develops, engineers, and implements solutions that meet network, system, or application security requirements. Gathers and organizes technical information about an organization’s mission goals and needs, existing security products, and ongoing needs. Analyzes the sensitivity of information and performs vulnerability and risk assessments on the basis of defined sensitivity and information flow. Must demonstrate the ability to work independently or under only general direction.

46. Health IT Security Analyst II

Minimum Education: Bachelor’s degree in IT, Engineering, Computer Science, Systems, Business or related scientific/technical discipline.

Minimum Experience: Six (6) years of relevant experience.

Responsibilities: Provides business and analytical expertise in support of project. Provides an understanding of the client's objectives and has extensive knowledge of typical core processes. May prepare overall designs and detailed specifications for system components. Offers knowledge, experience, and insight in a particular area, such as facilitation. Provides minimally supervised support for difficult analysis and evaluation assignments. Has the ability to provide analysis and consulting to management level personnel. Performs analysis and evaluation of existing or proposed processes, applications, systems, or software. Performs, and/or may direct, project planning, scope, control, management, tracking, or review. May perform functional requirements gathering for projects.

47. Health IT Security Analyst III
Minimum Education: Bachelor’s degree in IT, Engineering, Computer Science, Systems, Business or related scientific/technical discipline.

Minimum Experience: Eight (8) years of relevant experience

Responsibilities: Provides expertise in application, systems software and Information Technology systems. Provide technical, managerial, and administrative direction for problem definition, analysis, requirements development, and implementation of complex solutions by making information technology/information management related recommendations. Advise on organizational improvements, optimization, or maintenance efforts in the following specialties: information systems architecture, networking, telecommunications, automation, risk management, software life-cycle management and development methodologies, visual design, information architecture, copywriting, and content management.

48. Health IT Security Specialist I
Minimum Education: Associate degree in IT, Engineering, Computer Science, Systems, Business or related scientific/technical discipline.

Minimum Experience: Two (2) years of relevant experience

Responsibilities: Provides expertise in designing and implementing solutions to security requirements. Performs a risk analysis that also includes risk assessment. Supports and assists with coordination and implementation of client’s information security.

49. Health IT Security Specialist II
Minimum Education: Bachelor’s Degree in IT, Engineering, Computer Science, Systems, Business or related scientific/technical discipline.

Minimum Experience: Four (4) years of relevant experience required.

Responsibilities: Provide support to plan, coordinate, and implement the organization's information security. Provide support for facilitating and helping agencies identify their current security infrastructure and define future programs, design and implementation of security related to IT systems.

50. Health IT Security Specialist III
Minimum Education: Master’s Degree in IT, Engineering, Computer Science, Systems, Business or related scientific/technical discipline.

Minimum Experience: Six (6) years of relevant experience required.

Responsibilities: Oversees the efforts of security staff to design, develop, engineer and implement solutions to security requirements. Responsible for the implementation and development of Agency IT security. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses that also include risk assessment. Provide support to plan, coordinate and implement the organization's information security. Provide support for facilitating and helping agencies identify their current security infrastructure and define future programs, design and implementation of security related to IT systems. Provides daily supervision to and direction to staff. Ability to serve as Information System Security Office (ISSO).

51. Health IT Senior Consultant
Minimum Education: Bachelor’s Degree in IT, Engineering, Computer Science, Systems, Business or related scientific/technical discipline.

Minimum Experience: Four (4) years of professional experience in a related field.
Responsibilities: Provides expertise in application, systems software, and information security. Provides performance tuning. Undertakes analyses of complex hardware, software, and information technology and telecommunications issues. High degree of technical experience and performance. May have expertise in maintenance and engineering systems design, development, assessment, and analysis. May be knowledgeable in Reliability-Centered Maintenance principles and methodology.

52. Health IT Senior Manager
Minimum Education: Master’s Degree or graduate of technical school, or applicable professional certification in Computer Science, Engineering, Information Systems, or a related field.
Minimum Experience: Six (6) years of intensive and progressive experience demonstrating the required proficiency levels related to task. Education may be substituted with 10 years of intensive and progressive experience demonstrating the required proficiency levels related to task.
Responsibilities: Responsible for large IT projects or significant segment of a large complex project. Leads team on large IT projects or significant segment of large complex projects. Translates customer requirements into formal agreements and plans to culminate in customer acceptance of results, or have acceptance in the targeted market, while meeting business objectives. Works with client to identify business requirements and develops the proposal. Subsequently leads a team in the initiating, planning, controlling, executing, and closing tasks of IT projects or segments of projects to produce the solution deliverable. Execute a wide range of process activities beginning with the request for proposal through development, test and final delivery. Formulates partnerships between customer, suppliers and staff. Anticipates potential project related problems. Utilizes refined techniques for identifying, eliminating or mitigating solution, project, and business risk. Understands customer, industry and business trends. Applies this understanding to meet project objectives. As appropriate, challenges the validity of given procedures and processes with a view toward enhancement or improvement. Analyzes information and situations and implements actions, independently and or through the management team to ensure project objectives are met. Analyzes new and complex project related problems and creates innovative solutions involving finance, scheduling, technology, methodology, tools, and solution components.

53. Health IT Senior Network Engineer
Minimum Education: Bachelor’s Degree or graduate of technical school, or applicable professional certification in Computer Science, Engineering, Information Systems, or a related field.
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: Resolves complex network problems. Addresses network security issues. Interfaces with all client levels. Presents recommendations on network interfaces and configurations. Participates in and may lead aspects of major network installations and upgrades. Works with vendors and network analysts as appropriate to resolve unusually complex network problems. Provides guidance to less experienced network administrators. Performs complex assignments with little guidance.

54. Health IT Senior Network Engineer II
Minimum Education: Bachelor’s Degree or graduate of technical school, or applicable professional certification in Computer Science, Engineering, Information Systems, or a related field.
Minimum Experience: Eight (8) years of relevant experience required.
Responsibilities: Leads teams to resolves complex network problems. Designs strategies to address network security issues. Interfaces with all client levels. Presents recommendations on network interfaces and configurations. Leads aspects of major network installations and upgrades. Works with vendors and network analysts as appropriate to resolve unusually complex network problems. Provides
guidance to less experienced network administrators. Performs complex assignments with little guidance.

55. Health IT Senior Security Specialist I
Minimum Education: Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Eight (8) years of relevant experiences required.
Responsibilities: Act as a project mentor and interface with both internal/external customers and technical subject matter experts. Monitor the progress of the security programs with management and contractors to ensure adequacy and thoroughness of results.

56. Health IT Senior Security Specialist II
Minimum Education: Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Ten (10) years of relevant experiences required.
Responsibilities: Formulates security strategies to best meet evolving technological requirements. Provide guidance and implementation recommendations for security enhancements.

57. Health IT SME I
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: One (1) year of relevant experience required.
Responsibilities: Has substantial expertise in a specific functional area. May direct analyses of requirements for information systems. May direct the design of adaptations to software. May be knowledgeable in process analysis techniques such as flowcharting, process mapping, benchmarking, and activity-based costing. May have subject matter expertise in areas such as facilitation, organizational development, and change management. May have specific expertise in business or functional areas such as Reliability-Centered Maintenance principles and methodology, or logistics policy development. May have demonstrated experience in configuration management, maintenance planning, supply management, outfitting/fitting out, data management, training, or logistics/configuration information systems.

58. Health IT SME II
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: Provides technical leadership in performing assessment of present levels of cyber security, defines acceptable levels of risk, trains all personnel in proper cyber posture and establishes formal maintenance procedures. Performs privacy impact assessments and provides PII data security and monitoring, and migration strategies. Identifies potential vulnerabilities to cyber and information security using penetration testing and red teams. Provides technologies for identification, modeling, and predictive analysis of cyber threats. Applies this leadership in any phase of the system development life cycle support as task requirements dictate and may have a high level of expertise in one area. Plans, recommends, and performs changes. Utilizes an accomplished knowledge of multiple technical disciplines, unique applications, and business management practices to develop technical and/or business solutions to client problems. Assists clients in planning and developing objectives and goals. Supports
client objectives while conforming to the client’s operating practices. Works under minimal supervision and independently performs duties of moderate complexity.

59. **Health IT SME III**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Three (3) years of relevant experience required.  
**Responsibilities:** Acts as a recognized technical expert in performing assessments of present levels of cyber security, defines acceptable levels of risk, trains all personnel in proper cyber posture and establishes formal maintenance procedures. Performs privacy impact assessments and provides PII data security and monitoring, and migration strategies. Identifies potential vulnerabilities to cyber and information security using penetration testing and red teams. Provides technologies for identification, modeling, and predictive analysis of cyber threats. Functions as the highest-level individual contributor in at least one technical area. Utilizes expertise in business management, practices, industry requirements and information technology disciplines to develop technical and/or business solutions to client problems. Has a high level of diverse technical and industry experience related to a specific skill set. Keeps abreast of technological developments and industry trends. Performs complex assignments with little guidance.

60. **Health IT SME IV**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Twelve (12) years of relevant experience required.  
**Responsibilities:** Has substantial expertise in a specific functional area. May direct analyses of requirements for information systems. May direct the design of adaptations to software. May be knowledgeable in process analysis techniques such as flowcharting, process mapping, benchmarking, and activity-based costing. May have subject matter expertise in areas such as facilitation, organizational development, and change management. May have specific expertise in business or functional areas such as Reliability-Centered Maintenance principles and methodology, or logistics policy development. May have demonstrated experience in configuration management, maintenance planning, supply management, outfitting/fitting out, data management, training, or logistics/configuration information systems.

61. **Health IT Sr. Technical Expert I**  
**Minimum Education:** Bachelor's Degree in a relevant field.  
**Minimum Experience:** Five (5) years of relevant experience required.  
**Responsibilities:** The Sr. Technical Expert I is expected to perform a variety of complex project tasks independently and in teams as assigned by the Project Manager.

62. **Health IT Systems Administrator I**  
**Minimum Education:** Bachelor's Degree in Computer Science or a related field.  
**Minimum Experience:** Three (3) years of relevant experience required.  
**Responsibilities:** Responsible for acquisition, installation, maintenance, and usage of the Systems, including LAN/WAN/MAN. Determines best products to meet needs and present results. Manages system performance and maintains system security. Installs network hardware and software. Evaluates, develops, and maintains telecommunications systems. Troubleshoots system problems. Establishes and implements policies, procedures, and standards, and ensures their conformance to information systems.
objectives. Trains users on system operation. May perform network planning and engineering functions. May be responsible for both local and remote administration of networks.

63. **Health IT Systems Administrator II**
**Minimum Education:** Bachelor's Degree in the Computer Science, Engineering, Information Systems, or a related field.
**Minimum Experience:** Five (5) years of technical experience installing, maintaining, and managing integrated systems, Local Area Networks (LANs), Wide Area Networks (WANs), and Metropolitan Area Networks (MANs).
**Responsibilities:** Responsible for acquisition, installation, maintenance, and usage of IT Systems, including LAN/WAN/MAN. Determines best products to meet needs and present results. Manages system performance and maintains system security. Installs network hardware and software. Evaluates, develops, and maintains IT or telecommunications systems. Troubleshoots system problems. Establishes and implements policies, procedures, and standards, and ensures their conformance to information systems objectives. Trains users on system operation. May perform network planning and engineering functions. May be responsible for both local and remote administration of networks.

64. **Health IT Systems Administrator III**
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Six (6) years of relevant experience required.
**Responsibilities:** Leads installation of new software releases and system upgrades, evaluates and installs patches, and resolves software related problems. Coordinates system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity.

65. **Health IT Systems Administrator IV**
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Seven (7) years of relevant experience required.
**Responsibilities:** A Senior System Administrator IV has the thorough knowledge to create plans to assure effective management, operations, and maintenance of systems and/or networks. Manages teams of system admins and is able to prioritize work and identify high risk critical problems and dedicate appropriate resources. Has extensive knowledge of a wide variety of systems and networks to include high volume/high availability systems.

66. **Health IT Test Engineer**
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Three (3) years of relevant experience required.
**Responsibilities:** A member of the technical staff responsible for supporting operational and developmental testing. Responsible for development and execution of test plans and procedures. Assists in development of test master plans with developing contractors and customers. May support both the acquisition and user communities to meet testing needs. May serve as test director of test support team to evaluate and document system capabilities as meeting requirements. Will provide test planning support to include test resource plans and test concepts. Will determine data collection requirements and methods and implement collection strategy during test conduct.
67. Health IT Tester - Mid Level
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Four (4) years of relevant experience required.
**Responsibilities:** A tester-Mid Level works in the information technology sector, either in an IT department or as a freelancer. Testers be able to read computer programming languages so that they can fix problems with software. They may work alone or in a team with other testers. They usually report to an information technology manager. The tools for testers are computers, software (including that which they test and software programs to help them fix problems in the software that they are testing), telephones, pens and paper, and other typical office supplies. Some software testers actually get to test video games for a living. A software tester must be able to work quickly, as oftentimes they receive the software they are to test not long before the project deadline. This may result in them working after hours or during weekends on some occasions.

68. Health IT Tester - Sr. Level
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Eight (8) years of relevant experience required.
**Responsibilities:** The tester Sr. Level frequently works as a part of an information technology (IT) or cybersecurity team. When conducting security tests, it is important for the Sr. tester to take careful notes and be able to relay relevant information to other members of the team. The penetration tester should have a thorough understanding of complex security measures, as well as of the software and tools necessary to perform the job.

69. Health IT Web Application Developer 1
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Three (3) years of relevant experience required.
**Responsibilities:** Web application developers I build, maintain and manage all aspects of a web application. ("Web application" is a catchall term for a number interfaces that utilize the world wide web.) One example would be a website, and another could be a mobile phone or tablet app. Web application developers must plan, build and subsequently manage every process of the application's development. Sometimes this is done as part of a team, but it can also be done independently or under the supervision of the employer. Fluent understanding of common developer languages such as HTML and PHP will nearly always be necessary and may need to be demonstrated via a test or a strong portfolio.

70. Health IT Web Application Developer 2
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Five (5) years of relevant experience required.
**Responsibilities:** Web developers design, create, and implement software code in order to improve the effectiveness of a website. They work on a team with graphic designers and web designers to develop websites with HTML, JavaScript, PHP, CSS, and other coding methods. Web developers focus on the concept, interface design, and layout of a website from design to launch. They may build and test the integration of a website to make it easy to use and navigate for end users and clients. For ongoing websites, web developers troubleshoot and debug existing code in order to enhance the website’s
functionality. The field of web development is currently shifting toward the optimization of mobile device applications and web browsing.

71. Health IT Web Engineer  
**Minimum Education:** Bachelor's Degree in a relevant field.  
**Minimum Experience:** Four (4) years of relevant experience required.  
**Responsibilities:** Under general direction, responsible for program design, coding, testing, debugging and documentation. Has full technical knowledge of all phases of web-based applications systems analysis and programming. Has a general understanding of the business or function for which applications is designed.

72. Health IT Web Maintainer  
**Minimum Education:** Bachelor's Degree in a relevant field.  
**Minimum Experience:** Two (2) years of relevant experience required.  
**Responsibilities:** A web maintainer's general duties center around all aspects of an organization’s web site, including work in website design and layout, as well as routine updates and maintenance. Web Maintainers in larger companies may have to coordinate with marketing/branding professionals to ensure the organization's web presence adheres to that department's standards. The web maintainer may have a variety of related responsibilities involving interorganization intranets, portals, and online security maintenance. Additionally, the web maintainer is likely to supervise how and when web content is added to the company's website, and they usually work with content creators to facilitate timely and regular updates.

SINs 518210C; 518210/STLOC

1. Cloud IT APP Developer 1  
**Minimum Education:** Bachelor’s degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Two (2) years of relevant experience required.  
**Responsibilities:** Works under general direction. Formulates/defines system scope and objectives. Devises or modifies procedures to solve moderately complex problems considering computer equipment capacity and limitations. Codes, tests, debugs, and documents computer programs. May be familiar with Internet technologies. Working knowledge of at least one development language. May be involved in related areas such as database design/management and evaluation of commercial off-the-shelf (COTS) products.

2. Cloud IT APP Developer 2  
**Minimum Education:** Bachelor’s degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Four (4) years of relevant experience required.  
**Responsibilities:** Formulates/defines system scope and objectives. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations. Prepares detailed specifications from which programs will be written. Designs, codes, tests, debugs, and documents programs. May be familiar with Internet technologies. Working knowledge of at least two development languages. May be involved in related areas such as database design/management, evaluation of commercial off-the-shelf (COTS) products, and analysis of network hardware/software issues. May provide guidance to other systems analysts and programmers.
3. **Cloud IT APP Developer 3**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Six (6) years of relevant experience required.  
**Responsibilities:** An App Developer 3 must have experience in analyzing customer needs and developing overall concept and design objectives. The developer must be able to create software in a variety of programming and for a variety of IT software applications. Must have experience in debugging and correcting errors in computer programs.

4. **Cloud IT Architect**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Five (5) years of relevant experience required.  
**Responsibilities:** Experience in design and development of IT architecture. Experience in creating diagrams and documentation with all components that comprise systems including network topology.

5. **Cloud IT Architect Jr.**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Three (3) years of relevant experience required.  
**Responsibilities:** Moderate experience in design and development of IT architecture. Moderate experience in creating diagrams and documentation with all components that comprise systems including network topology.

6. **Cloud IT Business Specialist I**  
**Minimum Education:** Associates Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** One (1) year of relevant experience required.  
**Responsibilities:** Reviews, analyzes, and evaluates business systems and user needs. Documents requirements, defines scope and objectives, and formulates systems to parallel overall business strategies. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. 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 manager.

7. **Cloud IT Business Specialist II**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Two (2) years of relevant experience required.  
**Responsibilities:** Reviews, analyzes, and evaluates business systems and user needs. Documents requirements, defines scope and objectives, and formulates systems to parallel overall business strategies. Familiar with relational database concepts, and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a manager.

8. **Cloud IT Business Specialist III**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Reviews, analyzes, and evaluates business systems and user needs. Documents requirements, defines scope and objectives, and formulates systems to parallel overall business strategies. Familiar with relational database concepts, and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager.

9. **Cloud IT Configuration Analyst**
   Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
   Minimum Experience: Two (2) years of relevant experience required.
   Responsibilities: Configuration analysts are responsible for developing and maintaining software and other technological aspects of a corporation. Although every configuration analyst works with different sets of tools and equipment depending on the company and industry, the general duties are the same.

10. **Cloud IT Configuration Manager**
    Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
    Minimum Experience: Six (6) years of relevant experience required.
    Responsibilities: Oversee baseline configurations for applications, software, and hardware assets. Identify, organize, and control software and hardware configuration changes. Identify and coordinate processes for version management, system build, backup and recovery, archiving, and change management. Support and facilitate auditing and reporting.

11. **Cloud IT Database Entry Clerk**
    Minimum Education: High School.
    Minimum Experience: Two (2) years of relevant experience required.
    Responsibilities: The Data Entry Clerk performs data entry from a variety of source document types and formats. 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.

12. **Cloud IT DBA: MID Level**
    Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
    Minimum Experience: Four (4) years of relevant experience required.
    Responsibilities: A DBA: Mid Level is able to clearly identify goals for data management. Can effectively translate user needs to database design. Has experience in creating database management processes and detailed documentation.

13. **Cloud IT DBA: Senior**
    Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
    Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: A DBA: Senior has experience in managing the routine operations and maintenance of databases and ensuring their reliable and efficient performance.

14. Cloud IT DBA: Team Lead
Minimum Education: Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Eight (8) years of relevant experience required.
Responsibilities: A DBA: Team Lead has vast experience in assessing various alternative products, tools, and approaches for data management. Is able to clearly define risks and benefits of various approaches for a given need. Is able to create overarching strategies for design.

15. Cloud IT Developer Programmer Jr. I
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: One (1) year of relevant experience required.
Responsibilities: Under general direction, designs, implements, and maintains moderately complex databases with respect to the operating system, access methods, access time, device allocation, validation checks, organization, and statistical methods. Maintains database dictionaries and integrates system through database design.

16. Cloud IT Developer Programmer Jr. II
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: Under minimal direction, designs, implements, and maintains moderately complex databases with respect to the operating system, access methods, access time, device allocation, validation checks, organization, and statistical methods. Contributes in discussion about direction of project.

17. Cloud IT Developer Programmer Jr. III
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: Gives general direction regarding the plan to design, implement, and maintain complex databases with respect to the operating system, access methods, access time, device allocation, validation checks, organization, and statistical methods. Leads many development activities on project. Often acts as development team liaison with the team’s project manager.

18. Cloud IT Developer Programmer Mid-Level II
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Five (5) years of professional experience in a related field.
Responsibilities: Analyzes system requirements and design specifications. Develops block diagrams, logic flow charts, and coding structures. Translates detailed design into computer program coded instructions; tests, debugs, and refines the computer program to produce the product required by the written specifications. Documents procedures used throughout the program, allowing it to run as a part of a system, and to make changes as required.
19. **Cloud IT Disaster Recovery Analyst**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Three (3) years of relevant experience required.  
**Responsibilities:** Ensure the company's data, data systems, and networks are recoverable. Perform and analyze disaster simulations for the prompt restoration of services. Design and implement disaster recovery and business continuity procedures for re-establishing servers, databases, and operating systems in the event of a disruption.

20. **Cloud IT Disaster Recovery Manager**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Six (6) years of relevant experience required.  
**Responsibilities:** Ensure the company's data, data systems, and networks are recoverable. Perform and analyze disaster simulations for the prompt restoration of services. Design and implement disaster recovery and business continuity procedures for re-establishing servers, databases, and operating systems in the event of a disruption.

21. **Cloud IT Help Desk Jr. Level**  
**Minimum Education:** High School.  
**Minimum Experience:** Two (2) years of relevant experience required.  
**Responsibilities:** A Help Desk Junior is able to respond to end user request for assistance using existing manuals and scripted responses. Must be able to effectively interact with customers and be able to refer ongoing issues to the appropriate engineering support team.

22. **Cloud IT Help Desk Mid Level**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Three (3) years of relevant experience required.  
**Responsibilities:** A Help Desk Mid Level is able to quickly respond to end user requests for assistance when existing manuals and scripted responses are not sufficient to meet user needs. Must be able to interact with customers and diagnose problems and lead customers through the necessary steps to correct their issues.

23. **Cloud IT Help Desk Senior Level I**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Five (5) years of relevant experience required.  
**Responsibilities:** A Help Desk SR Level 1 has experience in planning, implementing, and managing customer service systems. Is able to handle customer satisfaction issues. Has experience in reviewing data to identify trends and issues. Is able to effectively report trends to system program teams.

24. **Cloud IT Help Desk Senior Level II**  
**Minimum Education:** Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Eight (8) years of relevant experience required.
Responsibilities: Help Desk Sr. II performs high level information engineering planning, analysis, design, construction and implementation of complex data-based systems. Develops project plans, controls project scope, and tracks direction in review of complex data products. Designs and facilitates rapid prototyping and joint application development (JAD) sessions designed to provide input into the case tool for development of the application.

25. Cloud IT IA/Security Analyst Sr. Level I
Minimum Education: Bachelor’s in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: An IA/Security Analyst Sr. Level I has extensive IT experience in all aspects of Cyber Security with a vast array of IT systems involving end user as well as enterprise level networks. Experience in designing and implementing systems that meet agency Cyber Security policy and regulations. Must have extensive experience in Cyber Security Tools, network topologies, intrusion detection, PKI, and secured networks.

26. Cloud IT IA/Security Analyst Sr. Level II
Minimum Education: Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: An IA/Security Analyst Sr. Level II has extensive IT experience with Cyber Security Policy and threat mitigation. Must be well versed in Cyber Security Tools, network topologies, intrusion detection, PKI, and secured networks. Analyst must possess a high level of expertise in developing long term strategies and be knowledgeable about various cyber threats and their mitigation.

27. Cloud IT Info Analyst Jr.
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: An Info Analyst Jr. performs tasks that involve reviewing, extracting, and analyzing information and data on system processes and procedures. This analysis allows an information analyst to create reports that detail trends in performance and processes, as well as recommend any improvements that benefit a company. They deliver presentations to managers and other senior-level employees, ensuring that technical information is delivered in a way non-technical professionals can understand.

28. Cloud IT Info Analyst Mid Level
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: An Info Analyst Mid Level performs tasks that involve reviewing, extracting, and analyzing information and data on system processes and procedures. This analysis allows an information analyst to create reports that detail trends in performance and processes, as well as recommend any improvements that benefit a company. They deliver presentations to managers and other senior-level employees, ensuring that technical information is delivered in a way non-technical professionals can understand.

29. Cloud IT Information Assurance Analyst
Minimum Education: BA/BS Degree in Computer Science, Information Systems, Engineering, Business or other related discipline.

Minimum Experience: Four (4) years of relevant experience with at least two years of specialized experience.

Responsibilities: Under general supervision, uses current information security technology disciplines and practices to ensure the confidentiality, integrity and availability of corporate information assets in accordance with established standards and procedures. Develops and maintains knowledge base on changing regulatory, threat, and technology landscapes to continually develop or maintain security policies and standards and ensure compliance throughout the organization.

- Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems.
- Designs, develops, engineers, and implements solutions that meet network security requirements.
- Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.
- Performs systems analysis of computer and networking systems.

30. Cloud IT Information Assurance Manager I

Minimum Education: B.S. in Electrical Engineering, Computer Science, or Information Systems. CISSP preferred.

Minimum Experience: Eight (8) years of experience in the engineering and information technology field. Minimum of 4 years of experience in Computer Security/Information Assurance.

Responsibilities: Demonstrated experience in analytical problem solving, and understanding network protocols, architectures and with IA products and systems. Strong verbal and written communication skills required, with the ability to interact and negotiate system/network requirements with clients. Experience in supporting an Information Assurance (IA) programs, requiring extensive experience in Computer Network Defense (CND), system security design, network architecture, security practices, and IA tools.

- Determines enterprise information assurance and security standards.
- Develops and implements information assurance/security standards and procedures.
- Coordinates, develops, and evaluates security programs for an organization.
- Recommends information assurance/security solutions to support customers' requirements.
- Identifies, reports, and resolves security violations.
- Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands.
- Supports customers at the highest levels in the development and implementation of doctrine and policies.
- Applies know-how to government and commercial common user systems, as well as to dedicated special purpose systems requiring specialized security features and procedures.
- Performs analysis, design, and development of security features for system architectures.
- Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers.
- Designs, develops, engineers, and implements solutions that meet security requirements.
- Provides integration and implementation of the computer system security solution.
- Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.

TISTA
system development life cycle.
• Ensures that all information systems are functional and secure.

31. **Cloud IT Information Systems Security Officer**
**Minimum Education:** Bachelor’s degree in Computer Science, Engineering, or a related field.
**Minimum Experience:** Four (4) years of relevant experience required.
**Responsibilities:** Provides minimally supervised support for difficult analysis and evaluation assignments. Has the ability to provide analysis and consulting to management level personnel. Performs analysis and evaluation of existing or proposed processes, applications, systems, or software. Performs, and/or may direct, project planning, scope, control, management, tracking, or review. May perform functional requirements gathering for projects. Performs analysis and evaluation throughout the process, application, system, or software development life-cycle which includes, but is not limited to: planning, requirements, design, acquisition, development, integration, installation/deployment, performance tuning, testing, or training. Performs, or may direct, document development/preparation at various stages of a project life-cycle (e.g., planning through implementation) to detail analysis results and solution recommendations. Assists with testing to support the project life-cycle, as applicable. Uses methodologies, modeling/estimating techniques, tools, applications, systems, software, or databases at advanced levels to perform assigned tasks. BS/BA or 4 to 6 years’ experience.

32. **Cloud IT Technical Advisor**
**Minimum Education:** Bachelor’s degree in Computer Science, Engineering, or a related field.
**Minimum Experience:** Four (4) years of professional experience in a related field or a bachelor’s degree or higher in a related major. Certifications can include CISSP or PMP. Has substantial expertise in design and operation of computer systems.
**Responsibilities:** Provides senior guidance on analysis and resolution of hardware, software, and telecommunications issues. High degree of technical experience. May have specific expertise in technical tools or subject areas such as relational database management systems or computer telephony systems.

33. **Cloud IT Technical Advisor Jr.**
**Minimum Education:** Bachelor’s Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.
**Minimum Experience:** Two (2) years of professional experience in a related field.
**Responsibilities:** Under general direction, uses current information security technology disciplines and practices to ensure the confidentiality, integrity and availability of corporate information assets in accordance with established standards and procedures. Develops and maintains knowledgebase on changing regulatory, threat, and technology landscapes to continually develop or maintain security policies and standards and ensure compliance throughout the organization.
• Determines enterprise information assurance and security standards.
• Develops and implements information assurance/security standards and procedures.
• Coordinates, develops, and evaluates security programs for an organization.
• Recommends information assurance/security solutions to support customers' requirements.

34. **Cloud IT Manager**
**Minimum Education:** Bachelor’s degree from an accredited college or university in the Computer Science, Engineering, Information Systems or a related field.
Minimum Experience: Three (3) years of intensive and progressive IT experience demonstrating the required proficiency levels related to task.

Responsibilities: Responsible for small to medium IT projects or significant segment of a large technology related complex project. Leads team on small to medium IT projects or significant segment of large complex projects. Translate customer technical requirements into formal agreements and plans to culminate in customer acceptance of results, or have acceptance in the targeted market, while meeting technical objectives. Works with client to identify technical requirements, and subsequently leads a team in the executing tasks of a project or segment of a project to produce the technical solution. Executes a wide range of process activities beginning with requirements through development, test and final delivery. Formulates partnerships between customer, suppliers and staff. Anticipates potential project related problems. Utilizes refined techniques for identifying, eliminating or mitigating technical risks. Understands customer, industry and technology trends, and applies this understanding to meet project objectives. Analyzes information and situations and implement actions, independently and or through the management team to ensure project objectives are met. Analyzes new and complex IT project related problems and creates innovative solutions.

35. Cloud IT Operations Support Representative
Minimum Education: High School.
Minimum Experience: Two (2) years of general experience in office automation developing, writing, proof-reading, editing reports, proposal and documents in support of IT operations.
Responsibilities: Using information technology tools, is responsible for developing, drafting, writing and editing reports, briefs, proposals, and other documents in support of a clients’ requirements. Understands, uses, and develops advanced level automated tools (e.g. Excel macros), and other specialized applications. Interfaces with personnel to coordinate meetings, maintain logs, records and files, provides end-user support, and performs general administrative duties. Assists in budgetary and financial management. Must be capable of working independently. Must be able to communicate orally and in writing with all levels of an organization as required.

36. Cloud IT PERFORM Load Tester Jr. Level
Minimum Education: Bachelor’s Degree
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: Provide testing and analysis of complex systems to ensure systems are compliant with requirements and can perform well in production. Independently develop test scripts using any of the LoadRunner protocols, create test scenarios and execute tests. Analyze test results using LoadRunner Analysis and write test reports.

37. Cloud IT Principal
Minimum Education: Bachelor’s Degree
Minimum Experience: Ten (10) years of general IT experience, including formal training and 3 years’ experience in BPR methods, plus training and 1 year experience in enterprise applications.
Responsibilities: Recognized for strong expertise in information technology related industry issues and trends. Utilize functional area expertise gained through direct industry experience to assess the operational and functional baseline of an organization and its organizational components. Examples of the functional areas would include Human Resources, Finance, Supply, Service, etc. Work with senior managers and executives to provide industry vision and strategic direction with regard to their IT enterprise. Guide the determination of information technology inadequacies and/or deficiencies that affect the functional area’s ability to support/meet organizational goals. Generate functional area
strategies for enhanced IT operations in a cross-functional area mode throughout the organization. Participate in account strategy sessions, strategic assessments and design reviews to validate enterprise approach and associated work products, such as ERP implementations. Provides guidance and direction to other professionals, acts in a consulting and/or advisory capacity; coordinates resolution of highly complex problems and tasks, possesses ability to meet and operate under deadlines. Activities related to the enterprise resource planning and management processes, including but not limited to: knowledge management, investment analysis, data warehousing, e-commerce, return on investment analysis, human resource analysis, material management and logistics, procurement, ordering, manufacturing, decision support, information dissemination, planning to encompass the strategy, architecture and methodology for an enterprise modernization effort; selection, implementation and measure of packaged solutions for enterprise modernization; complete integration of applications with target data and defined processes.

38. **Cloud IT Program Manager Jr. Level**
**Minimum Education:** Bachelor’s Degree
**Minimum Experience:** Four (4) years of relevant experience required.
**Responsibilities:** Supports the project/program manager for a large or complex information technology project or group of tasks. May interact frequently with the client’s representative. Responsibilities may include the creation and updating of a project plan and all artifacts included in that plan. This will involve coordination with senior technical staff on their activities and the impact of this on the project schedule, budget, risk management, progress reporting, etc. Takes direction from the PM responsible for the overall management of the project and shares responsibility with that PM for the quality of the project plan. May be involved in briefing the client’s representative on some aspects of the project.

39. **Cloud IT Program Manager Mid Level**
**Minimum Education:** A Bachelor’s Degree in Information Technology.
**Minimum Experience:** Eight (8) years of professional experience in an information technology /information management or related field.
**Responsibilities:** Responsible for project oversight and direction. Ensures conformance with work standards; interprets policies, procedures, goals and objectives of the organization. Ensures appropriate resources are applied to the project. Nature of work involves complex information technology project management, strategic and tactical planning, coordination, control, and critical decision-making. Requires experience related to work being performed. May also involve complex technical engineering design and technology architectural tasks.

40. **Health IT Project Manager Jr. Level**
**Minimum Education:** A Bachelor’s Degree in Information Technology.
**Minimum Experience:** Three (3) years of relevant experience required.
**Responsibilities:** A Project Manager Jr. must have experience managing Information Technology related projects. Must be well versed in life cycle and project management methodologies. Must have experience in tracking costs, schedule and performance progress. Must be able to identify and mitigate risks.

41. **Cloud IT Project Manager Mid Level**
**Minimum Education:** A Bachelor’s Degree in Information Technology.
**Minimum Experience:** Six (6) years of relevant experience required.
**Responsibilities:** The Project Manager Mid-Level Supervises or directly manages and coordinates project through all phases of the systems development life cycle, including planning, requirements
analysis, design, development, testing, installation, and evaluation. Responsible for conducting the project in a timely manner, ensuring the quality of work products, maintaining financial soundness of the project, managing interactions, and reporting progress and issues. Ensures conformance with work standards; interprets policies, procedures, and goals and objectives of the organization. Coordinates work effort with all parties. Reviews work products for quality, completeness, and adherence to design concepts and user requirements. Has significant expertise in managing systems projects. Responsible for client liaison.

42. **Cloud IT Project Manager Sr. Level**  
**Minimum Education:** Bachelor's Degree in Engineering, Computer Science, Systems, Business or related scientific/technical discipline. 
**Minimum Experience:** Ten (10) years of relevant experience is required.  
**Responsibilities:** The Project Manager Sr. Level Supervises or directly manages and coordinates project through all phases of the systems development life cycle, including planning, requirements analysis, design, development, testing, installation, and evaluation. Responsible for conducting the project in a timely manner, ensuring the quality of work products, maintaining financial soundness of the project, managing interactions, and reporting progress and issues. Ensures conformance with work standards; interprets policies, procedures, and goals and objectives of the organization. Coordinates work effort with all parties. Reviews work products for quality, completeness, and adherence to design concepts and user requirements. Has significant expertise in managing systems projects. Responsible for client liaison.

43. **Cloud IT Quality Assurance Analyst**  
**Minimum Education:** Bachelor's Degree in Engineering, Computer Science, Systems, Business or related scientific/technical discipline. 
**Minimum Experience:** Two (2) years of relevant experience required.  
**Responsibilities:** Reviews new or modified program, including documentation, diagram, and flow chart, to determine if program will perform according to user request and conform to guidelines.

44. **Cloud IT Quality Assurance Manager**  
**Minimum Education:** Bachelor’s Degree or higher in Business, Information Systems, or a related discipline. 
**Minimum Experience:** Three (3) years of professional experience.  
**Responsibilities:** Meet with system users to understand usage profiles and user needs. Write test plans for small systems, including plans for integration testing, system testing, stress testing, acceptance testing, and regression testing. Design strategies and write scripts for automated testing of small programs. Write, execute, and analyze the results of test procedures. Write test reports or problem reports indicating whether or not a test passed and, if necessary, provide an analysis. Participate in reviews at any point in the software life cycle. For projects involving small systems, design and implement the software configuration management process and problem reporting system. Help implement a metrics system, i.e., a system that gathers various metrics on software and performance; help write a report on the metrics for the project.

45. **Cloud IT Security Analyst I**  
**Minimum Education:** Bachelor’s degree in IT, Engineering, Computer Science, Systems, Business or related scientific/technical discipline.  
**Minimum Experience:** Four (4) years of relevant experience
Responsibilities: Analyzes and defines security requirements for information protection. Defines and develops security policies. Designs, develops, engineers, and implements solutions that meet network, system, or application security requirements. Gathers and organizes technical information about an organization’s mission goals and needs, existing security products, and ongoing needs. Analyzes the sensitivity of information and performs vulnerability and risk assessments on the basis of defined sensitivity and information flow. Must demonstrate the ability to work independently or under only general direction.

46. Cloud IT Security Analyst II
Minimum Education: Bachelor’s degree in IT, Engineering, Computer Science, Systems, Business or related scientific /technical discipline.
Minimum Experience: Six (6) years of relevant experience
Responsibilities: Provides business and analytical expertise in support of project. Provides an understanding of the client’s objectives and has extensive knowledge of typical core processes. May prepare overall designs and detailed specifications for system components. Offers knowledge, experience, and insight in a particular area, such as facilitation. Provides minimally supervised support for difficult analysis and evaluation assignments. Has the ability to provide analysis and consulting to management level personnel. Performs analysis and evaluation of existing or proposed processes, applications, systems, or software. Performs, and/or may direct, project planning, scope, control, management, tracking, or review. May perform functional requirements gathering for projects.

47. Cloud IT Security Analyst III
Minimum Education: Bachelor’s degree in IT, Engineering, Computer Science, Systems, Business or related scientific /technical discipline.
Minimum Experience: Eight (8) years of relevant experience
Responsibilities: Provides expertise in application, systems software and Information Technology systems. Provide technical, managerial, and administrative direction for problem definition, analysis, requirements development, and implementation of complex solutions by making information technology/information management related recommendations. Advise on organizational improvements, optimization, or maintenance efforts in the following specialties: information systems architecture, networking, telecommunications, automation, risk management, software life-cycle management and development methodologies, visual design, information architecture, copywriting, and content management.

48. Cloud IT Security Specialist I
Minimum Education: Associate degree in IT, Engineering, Computer Science, Systems, Business or related scientific /technical discipline.
Minimum Experience: Two (2) years of relevant experience
Responsibilities: Provides expertise in designing and implementing solutions to security requirements. Performs a risk analysis that also includes risk assessment. Supports and assists with coordination and implementation of client’s information security.

49. Cloud IT Security Specialist II
Minimum Education: Bachelor’s Degree in IT, Engineering, Computer Science, Systems, Business or related scientific /technical discipline.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Provide support to plan, coordinate, and implement the organization's information security. Provide support for facilitating and helping agencies identify their current security infrastructure and define future programs, design and implementation of security related to IT systems.

50. Cloud IT Security Specialist III  
**Minimum Education:** Master’s Degree in IT, Engineering, Computer Science, Systems, Business or related scientific /technical discipline.  
**Minimum Experience:** Six (6) years of relevant experience required.  
**Responsibilities:** Oversees the efforts of security staff to design, develop, engineer and implement solutions to security requirements. Responsible for the implementation and development of Agency IT security. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses that also include risk assessment. Provide support to plan, coordinate and implement the organization's information security. Provide support for facilitating and helping agencies identify their current security infrastructure and define future programs, design and implementation of security related to IT systems. Provides daily supervision to and direction to staff. Ability to serve as Information System Security Officer (ISSO).

51. Cloud IT Senior Consultant  
**Minimum Education:** Bachelor’s Degree in IT, Engineering, Computer Science, Systems, Business or related scientific /technical discipline.  
**Minimum Experience:** Four (4) years of professional experience in a related field.  
**Responsibilities:** Provides expertise in application, systems software, and information security. Provides performance tuning. Undertakes analyses of complex hardware, software, and information technology and telecommunications issues. High degree of technical experience and performance. May have expertise in maintenance and engineering systems design, development, assessment, and analysis. May be knowledgeable in Reliability-Centered Maintenance principles and methodology.

52. Cloud IT Senior Manager  
**Minimum Education:** Master’s Degree or graduate of technical school, or applicable professional certification in Computer Science, Engineering, Information Systems, or a related field.  
**Minimum Experience:** Six (6) years of intensive and progressive experience demonstrating the required proficiency levels related to task. Education may be substituted with 10 years of intensive and progressive experience demonstrating the required proficiency levels related to task.  
**Responsibilities:** Responsible for large IT projects or significant segment of a large complex project. Leads team on large IT projects or significant segment of large complex projects. Translate customer requirements into formal agreements and plans to culminate in customer acceptance of results, or have acceptance in the targeted market, while meeting business objectives. Works with client to identify business requirements and develops the proposal. Subsequently leads a team in the initiating, planning, controlling, executing, and closing tasks of IT projects or segments of projects to produce the solution deliverable. Execute a wide range of process activities beginning with the request for proposal through development, test and final delivery. Formulates partnerships between customer, suppliers and staff. Anticipates potential project related problems. Utilizes refined techniques for identifying, eliminating or mitigating solution, project, and business risk. Understands customer, industry and business trends. Applies this understanding to meet project objectives. As appropriate, challenges the validity of given procedures and processes with a view toward enhancement or improvement. Analyzes information and situations and implement actions, independently and or through the management team to ensure project
objectives are met. Analyzes new and complex project related problems and creates innovative solutions involving finance, scheduling, technology, methodology, tools, and solution components.

53. **Cloud IT Senior Network Engineer**  
**Minimum Education:** Bachelor's Degree or graduate of technical school, or applicable professional certification in Computer Science, Engineering, Information Systems, or a related field.  
**Minimum Experience:** Six (6) years of relevant experience required.  
**Responsibilities:** Resolves complex network problems. Addresses network security issues. Interfaces with all client levels. Presents recommendations on network interfaces and configurations. Participates in and may lead aspects of major network installations and upgrades. Works with vendors and network analysts as appropriate to resolve unusually complex network problems. Provides guidance to less experienced network administrators. Performs complex assignments with little guidance.

54. **Health IT Senior Network Engineer II**  
**Minimum Education:** Bachelor's Degree or graduate of technical school, or applicable professional certification in Computer Science, Engineering, Information Systems, or a related field.  
**Minimum Experience:** Eight (8) years of relevant experience required.  
**Responsibilities:** Leads teams to resolves complex network problems. Designs strategies to address network security issues. Interfaces with all client levels. Presents recommendations on network interfaces and configurations. Leads aspects of major network installations and upgrades. Works with vendors and network analysts as appropriate to resolve unusually complex network problems. Provides guidance to less experienced network administrators. Performs complex assignments with little guidance.

55. **Cloud IT Senior Security Specialist I**  
**Minimum Education:** Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Eight (8) years of relevant experiences required.  
**Responsibilities:** Act as a project mentor and interface with both internal/external customers and technical subject matter experts. Monitor the progress of the security programs with management and contractors to ensure adequacy and thoroughness of results.

56. **Cloud IT Senior Security Specialist II**  
**Minimum Education:** Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Ten (10) years of relevant experiences required.  
**Responsibilities:** Formulates security strategies to best meet evolving technological requirements. Provide guidance and implementation recommendations for security enhancements.

57. **Cloud IT SME I**  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** One (1) year of relevant experience required.  
**Responsibilities:** Has substantial expertise in a specific functional area. May direct analyses of requirements for information systems. May direct the design of adaptations to software. May be knowledgeable in process analysis techniques such as flowcharting, process mapping, benchmarking, and activity-based costing. May have subject matter expertise in areas such as facilitation, organizational
development, and change management. May have specific expertise in business or functional areas such as Reliability-Centered Maintenance principles and methodology, or logistics policy development. May have demonstrated experience in configuration management, maintenance planning, supply management, outfitting/fitting out, data management, training, or logistics/configuration information systems.

58. Cloud IT SME II  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Two (2) years of relevant experience required.  
**Responsibilities:** Provides technical leadership in performing assessment of present levels of cyber security, defines acceptable levels of risk, trains all personnel in proper cyber posture and establishes formal maintenance procedures. Performs privacy impact assessments and provides PII data security and monitoring, and migration strategies. Identifies potential vulnerabilities to cyber and information security using penetration testing and red teams. Provides technologies for identification, modeling, and predictive analysis of cyber threats. Applies this leadership in any phase of the system development life cycle support as task requirements dictate and may have a high level of expertise in one area. Plans, recommends, and performs changes. Utilizes an accomplished knowledge of multiple technical disciplines, unique applications, and business management practices to develop technical and/or business solutions to client problems. Assists clients in planning and developing objectives and goals. Works under minimal supervision and independently performs duties of moderate complexity.

59. Cloud IT SME III  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Three (3) years of relevant experience required.  
**Responsibilities:** Acts as a recognized technical expert in performing assessments of present levels of cyber security, defines acceptable levels of risk, trains all personnel in proper cyber posture and establishes formal maintenance procedures. Performs privacy impact assessments and provides PII data security and monitoring, and migration strategies. Identifies potential vulnerabilities to cyber and information security using penetration testing and red teams. Provides technologies for identification, modeling, and predictive analysis of cyber threats. Functions as the highest-level individual contributor in at least one technical area. Utilizes expertise in business management, practices, industry requirements and information technology disciplines to develop technical and/or business solutions to client problems. Has a high level of diverse technical and industry experience related to a specific skill set. Keeps abreast of technological developments and industry trends. Performs complex assignments with little guidance.

60. Cloud IT SME IV  
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Twelve (12) years of relevant experience required.  
**Responsibilities:** Has substantial expertise in a specific functional area. May direct analyses of requirements for information systems. May direct the design of adaptations to software. May be knowledgeable in process analysis techniques such as flowcharting, process mapping, benchmarking, and activity-based costing. May have subject matter expertise in areas such as facilitation, organizational development, and change management. May have specific expertise in business or functional areas such as Reliability-Centered Maintenance principles and methodology, or logistics policy development.
as Reliability-Centered Maintenance principles and methodology, or logistics policy development. May have demonstrated experience in configuration management, maintenance planning, supply management, outfitting/fitting out, data management, training, or logistics/configuration information systems.

61. **Cloud IT Sr. Technical Expert I**
**Minimum Education:** Bachelor’s Degree in a relevant field.
**Minimum Experience:** Five (5) years of relevant experience required.
**Responsibilities:** The Sr. Technical Expert I is expected to perform a variety of complex project tasks independently and in teams as assigned by the Project Manager.

62. **Cloud IT Systems Administrator I**
**Minimum Education:** Bachelor’s Degree in Computer Science or a related field.
**Minimum Experience:** Three (3) years of relevant experience required.
**Responsibilities:** Responsible for acquisition, installation, maintenance, and usage of the Systems, including LAN/WAN/MAN. Determines best products to meet needs and present results. Manages system performance and maintains system security. Installs network hardware and software. Evaluates, develops, and maintains telecommunications systems. Troubleshoots system problems. Establishes and implements policies, procedures, and standards, and ensures their conformance to information systems objectives. Trains users on system operation. May perform network planning and engineering functions. May be responsible for both local and remote administration of networks.

63. **Cloud IT Systems Administrator II**
**Minimum Education:** Bachelor’s Degree in the Computer Science, Engineering, Information Systems, or a related field.
**Minimum Experience:** Five (5) years of technical experience installing, maintaining, and managing integrated systems, Local Area Networks (LANs), Wide Area Networks (WANs), and Metropolitan Area Networks (MANs).
**Responsibilities:** Responsible for acquisition, installation, maintenance, and usage of IT Systems, including LAN/WAN/MAN. Determines best products to meet needs and present results. Manages system performance and maintains system security. Installs network hardware and software. Evaluates, develops, and maintains IT or telecommunications systems. Troubleshoots system problems. Establishes and implements policies, procedures, and standards, and ensures their conformance to information systems objectives. Trains users on system operation. May perform network planning and engineering functions. May be responsible for both local and remote administration of networks.

64. **Cloud IT Systems Administrator III**
**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Six (6) years of relevant experience required.
**Responsibilities:** Leads installation of new software releases and system upgrades, evaluates and installs patches, and resolves software related problems. Coordinates system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity.

65. **Cloud IT Systems Administrator IV**
**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Seven (7) years of relevant experience required.

**Responsibilities:** A Senior System Administrator IV has the thorough knowledge to create plans to assure effective management, operations, and maintenance of systems and/or networks. Manages teams of system admins and is able to prioritize work and identify high risk critical problems and dedicate appropriate resources. Has extensive knowledge of a wide variety of systems and networks to include high volume/high availability systems.

66. **Cloud IT Test Engineer**

**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.

**Minimum Experience:** Three (3) years of relevant experience required.

**Responsibilities:** A member of the technical staff responsible for supporting operational and developmental testing. Responsible for development and execution of test plans and procedures. Assists in development of test master plans with developing contractors and customers. May support both the acquisition and user communities to meet testing needs. May serve as test director of test support team to evaluate and document system capabilities as meeting requirements. Will provide test planning support to include test resource plans and test concepts. Will determine data collection requirements and methods and implement collection strategy during test conduct.

67. **Cloud IT Tester - Mid Level**

**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.

**Minimum Experience:** Four (4) years of relevant experience required.

**Responsibilities:** A tester-Mid Level works in the information technology sector, either in an IT department or as a freelancer. Testers be able to read computer programming languages so that they can fix problems with software. They may work alone or in a team with other testers. They usually report to an information technology manager. The tools for testers are computers, software (including that which they test and software programs to help them fix problems in the software that they are testing), telephones, pens and paper, and other typical office supplies. Some software testers actually get to test video games for a living. A software tester must be able to work quickly, as oftentimes they receive the software they are to test not long before the project deadline. This may result in them working after hours or during weekends on some occasions.

68. **Cloud IT Tester - Sr. Level**

**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.

**Minimum Experience:** Eight (8) years of relevant experience required.

**Responsibilities:** The tester Sr. Level frequently works as a part of an information technology (IT) or cybersecurity team. When conducting security tests, it is important for the Sr. tester to take careful notes and be able to relay relevant information to other members of the team. The penetration tester should have a thorough understanding of complex security measures, as well as of the software and tools necessary to perform the job.

69. **Cloud IT Web Application Developer 1**

**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.

**Minimum Experience:** Three (3) years of relevant experience required.
Responsibilities: Web application developers build, maintain and manage all aspects of a web application. ("Web application" is a catchall term for a number of interfaces that utilize the world wide web.) One example would be a website, and another could be a mobile phone or tablet app. Web application developers must plan, build and subsequently manage every process of the application's development. Sometimes this is done as part of a team, but it can also be done independently or under the supervision of the employer. Fluent understanding of common developer languages such as HTML and PHP will nearly always be necessary and may need to be demonstrated via a test or a strong portfolio.

70. Cloud IT Web Application Developer 2
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Five (5) years of relevant experience required.
Responsibilities: Web developers design, create, and implement software code in order to improve the effectiveness of a website. They work on a team with graphic designers and web designers to develop websites with HTML, JavaScript, PHP, CSS, and other coding methods. Web developers focus on the concept, interface design, and layout of a website from design to launch. They may build and test the integration of a website to make it easy to use and navigate for end users and clients. For ongoing websites, web developers troubleshoot and debug existing code in order to enhance the website’s functionality. The field of web development is currently shifting toward the optimization of mobile device applications and web browsing.

71. Cloud IT Web Engineer
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Under general direction, responsible for program design, coding, testing, debugging and documentation. Has full technical knowledge of all phases of web-based applications systems analysis and programming. Has a general understanding of the business or function for which applications is designed.

72. Cloud IT Web Maintainer
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: A web maintainer's general duties center around all aspects of an organization’s web site, including work in website design and layout, as well as routine updates and maintenance. Web Maintainers in larger companies may have to coordinate with marketing/branding professionals to ensure the organization's web presence adheres to that department's standards. The web maintainer may have a variety of related responsibilities involving interorganization intranets, portals, and online security maintenance. Additionally, the web maintainer is likely to supervise how and when web content is added to the company's website, and they usually work with content creators to facilitate timely and regular updates.
1. **Engineer**  
**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
**Minimum Experience:** Eight (8) years of relevant experience required.  
**Responsibilities:** Analyzes system requirements and develops software code to implement those requirements. Translates detailed design into computer program coded instructions; tests, debugs, and refines the computer program to produce the product required by the written specifications. Documents procedures used throughout the program and works effectively within a team to develop software products.

2. **Intermediate Testing Technician**  
**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering, or other engineering or technical discipline is required.  
**Minimum Experience:** Eight (8) years of relevant experience required.  
**Responsibilities:** Must be able to read computer programming languages so that they can fix problems with software. They may work alone or in a team with other testers. They usually report to an information technology manager. The tools for testers are computers, software, including that which they test and software programs to help them fix problems in the software that they are testing. A software tester must be able to work quickly, as oftentimes they receive the software they are to test not long before the project deadline.

3. **Project Manager**  
**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering, or other engineering or technical discipline is required.  
**Minimum Experience:** Four (4) years of relevant experience required.  
**Responsibilities:** Responsible for managing large, complex projects and keeping them on schedule and within budget. Engages customers and ensure their requirements and business objectives are met. Leads a team in the initiating, planning, controlling, executing, and closing of project tasks using project management tools and methodologies. Forms partnerships between customers and project stakeholders. Anticipates potential project related problems. Utilizes refined techniques for identifying, eliminating or mitigating solution, project, and business risk. Understands customer, industry and business trends. Applies this understanding to meet project objectives. As appropriate, challenges the validity of given procedures and processes with a view toward enhancement or improvement. Analyzes information and situations and implement actions, independently and or through the management team to ensure project objectives are met. Analyzes new and complex project related problems and creates innovative solutions involving finance, scheduling, technology, methodology, tools, and solution components.

4. **Senior Testing Technician**  
**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering, or other engineering or technical discipline is required.  
**Minimum Experience:** Eight (8) years of relevant experience required.  
**Responsibilities:** A member of the technical staff responsible for supporting operational and developmental testing. Responsible for development and execution of test plans and procedures. Assists in development of test master plans with development contractors and customers. May serve as testing
lead or testing director of the test support teams. Will provide test planning support to include test resource plans and test concepts.

5. **SME I**
**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Three (3) years of relevant experience required.
**Responsibilities:** Has substantial expertise in a specific functional area. Has experience in analysis techniques such as business process flowcharting and policy review. May have expertise in areas such as business process analysis, requirements analysis, and change management. Demonstrates strong ability to analyze, summarize and communicate complex business processes and requirements orally and in writing.

6. **SME II**
**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering, or other engineering or technical discipline is required.
**Minimum Experience:** Eight (8) years of relevant experience required.
**Responsibilities:** Has substantial expertise in a specific functional area and experience leading ad managing other SMEs. Highly knowledgeable in analysis techniques such as business process flowcharting and policy review. Has extensive expertise in areas such as business process analysis, requirements analysis, and change management. Recognized as an expert in several business or functional areas. Demonstrates strong ability to analyze, summarize and communicate complex business processes and requirements orally and in writing.

7. **Test Lead**
**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering, or other engineering or technical discipline is required.
**Minimum Experience:** Five (5) years as a Test Lead in IT Management
**Responsibilities:** Responsible for planning, monitoring and control of all the testing activities and tasks. The test leader in collaboration with other stakeholders, define testing objectives, policies, strategies and test plans. They are also responsible for test estimation and acquiring necessary resources working with the corporate and program management teams. They assess test automation efforts where appropriate, plan the efforts, select the tools with the support from the technical SMEs and present plans, results to stakeholders as appropriate.

**SINs 54151S; 54151S/STLOC**

1. **APP Developer 1**
**Minimum Education:** Bachelor’s degree in computer science, electronics engineering or other engineering or technical discipline is required.
**Minimum Experience:** Two (2) years of relevant experience required.
**Responsibilities:** Works under general direction. Formulates/defines system scope and objectives. Devises or modifies procedures to solve moderately complex problems considering computer equipment capacity and limitations. Codes, tests, debugs, and documents computer programs. May be familiar with Internet technologies. Working knowledge of at least one development language. May be involved in related areas such as database design/management and evaluation of commercial off-the-shelf (COTS) products.
2. **APP Developer 2**  
Minimum Education: Bachelor’s degree in computer science, electronics engineering or other engineering or technical discipline is required.  
Minimum Experience: Four (4) years of relevant experience required.  
Responsibilities: Formulates/defines system scope and objectives. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations. Prepares detailed specifications from which programs will be written. Designs, codes, tests, debugs, and documents programs. May be familiar with Internet technologies. Working knowledge of at least two development languages. May be involved in related areas such as database design/management, evaluation of commercial off-the-shelf (COTS) products, and analysis of network hardware/software issues. May provide guidance to other systems analysts and programmers.

3. **APP Developer 3**  
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.  
Minimum Experience: Six (6) years of relevant experience required.  
Responsibilities: An App Developer 3 must have experience in analyzing customer needs and developing overall concept and design objectives. The developer must be able to create software in a variety of programming and for a variety of IT software applications. Must have experience in debugging and correcting errors in computer programs.

4. **Architect Jr.**  
Minimum Education: Bachelor's Degree in Computer Science, Engineering, Math  
Minimum Experience: Three (3) years of relevant experience required.  
Responsibilities: Moderate experience in design and development of IT architecture. Moderate experience in creating diagrams and documentation with all components that comprise systems including network topology.

5. **Architect**  
Minimum Education: Bachelor's Degree in Computer Science, Engineering, Math  
Minimum Experience: Five (5) years of relevant experience required.  
Responsibilities: Experience in design and development of IT architecture. Experience in creating diagrams and documentation with all components that comprise systems including network topology.

6. **Business Specialist I**  
Minimum Education: AA in computer science, electronics engineering or other engineering or technical discipline is required.  
Minimum Experience: One (1) year of relevant experience required.  
Responsibilities: Reviews, analyzes, and evaluates business systems and user needs. Documents requirements, defines scope and objectives, and formulates systems to parallel overall business strategies. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. 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 manager.

7. **Business Specialist II**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: Reviews, analyzes, and evaluates business systems and user needs. Documents requirements, defines scope and objectives, and formulates systems to parallel overall business strategies. Familiar with relational database concepts, and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a manager.

8. Business Specialist III
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Reviews, analyzes, and evaluates business systems and user needs. Documents requirements, defines scope and objectives, and formulates systems to parallel overall business strategies. Familiar with relational database concepts, and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager.

9. Configuration Analyst
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: Configuration analysts are responsible for developing and maintaining software and other technological aspects of a corporation. Although every configuration analyst works with different sets of tools and equipment depending on the company and industry, the general duties are the same.

10. Configuration Manager
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: Oversee baseline configurations for applications, software, and hardware assets. Identify, organize, and control software and hardware configuration changes. Identify and coordinate processes for version management, system build, backup and recovery, archiving, and change management. Support and facilitate auditing and reporting.

11. Database Entry Clerk
Minimum Education: High School.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: The Data Entry Clerk performs data entry from a variety of source document types and formats. 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.

12. DBA: MID Level
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: A DBA: Mid Level is able to clearly identify goals for data management. Can effectively translate user needs to database design. Has experience in creating database management processes and detailed documentation.

13. DBA: Senior
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: A DBA: Senior has experience in managing the routine operations and maintenance of databases and ensuring their reliable and efficient performance.

14. DBA: Team Lead
Minimum Education: Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Eight (8) years of relevant experience required.
Responsibilities: A DBA: Team Lead has vast experience in assessing various alternative products, tools, and approaches for data management. Is able to clearly define risks and benefits of various approaches for a given need. Is able to create overarching strategies for design

15. Developer Programmer Jr. I
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: One (1) year of relevant experience required.
Responsibilities: Under general direction, designs, implements, and maintains moderately complex databases with respect to the operating system, access methods, access time, device allocation, validation checks, organization, and statistical methods. Maintains database dictionaries and integrates system through database design.

16. Developer Programmer Jr. II
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: Under minimal direction, designs, implements, and maintains moderately complex databases with respect to the operating system, access methods, access time, device allocation, validation checks, organization, and statistical methods. Contributes in discussion about direction of project.

17. Developer Programmer Jr. III
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: Gives general direction regarding the plan to design, implement, and maintain complex databases with respect to the operating system, access methods, access time, device allocation, validation checks, organization, and statistical methods. Leads many development activities on project. Often acts as development team liaison with the team’s project manager.

18. Developer Programmer Mid-Level II
Minimum Education: Bachelor’s Degree.
Minimum Experience: Five (5) years of professional experience in a related field.
Responsibilities: Analyzes system requirements and design specifications. Develops block diagrams, logic flow charts, and coding structures. Translates detailed design into computer program coded instructions; tests, debugs, and refines the computer program to produce the product required by the written specifications. Documents procedures used throughout the program, allowing it to run as a part of a system, and to make changes as required.

19. **Disaster Recovery Analyst**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: Ensure the company's data, data systems, and networks are recoverable. Perform and analyze disaster simulations for the prompt restoration of services. Design and implement disaster recovery and business continuity procedures for re-establishing servers, databases, and operating systems in the event of a disruption.

20. **Disaster Recovery Manager**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: Ensure the company's data, data systems, and networks are recoverable. Perform and analyze disaster simulations for the prompt restoration of services. Design and implement disaster recovery and business continuity procedures for re-establishing servers, databases, and operating systems in the event of a disruption.

21. **Help Desk Junior**
Minimum Education: High School.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: A Help Desk Junior is able to respond to end user request for assistance using existing manuals and scripted responses. Must be able to effectively interact with customers and be able to refer ongoing issues to the appropriate engineering support team.

22. **Help Desk Mid Level**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: A Help Desk Mid Level is able to quickly respond to end user requests for assistance when existing manuals and scripted responses are not sufficient to meet user needs. Must be able to interact with customers and diagnose problems and lead customers through the necessary steps to correct their issues.

23. **Help Desk Senior Level I**
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Five (5) years of relevant experience required.
A Help Desk SR Level 1 has experience in planning, implementing, and managing customer service systems. Is able to handle customer satisfaction issues. Has experience in reviewing data to identify trends and issues. Is able to effectively report trends to system program teams.

24. **Help Desk Senior Level II**
   **Minimum Education:** Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
   **Minimum Experience:** Eight (8) years of relevant experience required.
   **Responsibilities:** Help Desk Sr. II performs high level information engineering planning, analysis, design, construction and implementation of complex data-based systems. Develops project plans, controls project scope, and tracks direction in review of complex data products. Designs and facilitates rapid prototyping and joint application development (JAD) sessions designed to provide input into the case tool for development of the application.

25. **IA/Security Analyst Sr. Level I**
   **Minimum Education:** Bachelor's in computer science, electronics engineering or other engineering or technical discipline is required.
   **Minimum Experience:** Four (4) years of relevant experience required.
   **Responsibilities:** An IA/Security Analyst Sr. Level I has extensive IT experience in all aspects of Cyber Security with a vast array of IT systems involving end user as well as enterprise level networks. Experience in designing and implementing systems that meet agency Cyber Security policy and regulations. Must have extensive experience in Cyber Security Tools, network topologies, intrusion detection, PKI, and secured networks.

26. **IA/Security Analyst Sr. Level II**
   **Minimum Education:** Master's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
   **Minimum Experience:** Six (6) years of relevant experience required.
   **Responsibilities:** An IA/Security Analyst Sr. Level II has extensive IT experience with Cyber Security Policy and threat mitigation. Must be well versed in Cyber Security Tools, network topologies, intrusion detection, PKI, and secured networks. Analyst must possess a high level of expertise in developing long term strategies and be knowledgeable about various cyber threats and their mitigation.

27. **Info Analyst Jr**
   **Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
   **Minimum Experience:** Two (2) years of relevant experience required.
   **Responsibilities:** An Info Analyst Jr. performs tasks that involve reviewing, extracting, and analyzing information and data on system processes and procedures. This analysis allows an information analyst to create reports that detail trends in performance and processes, as well as recommend any improvements that benefit a company. They deliver presentations to managers and other senior-level employees, ensuring that technical information is delivered in a way non-technical professionals can understand.

28. **Info Analyst Mid Level**
   **Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
   **Minimum Experience:** Four (4) years of relevant experience required.
Responsibilities: An Info Analyst Mid Level performs tasks that involve reviewing, extracting, and analyzing information and data on system processes and procedures. This analysis allows an information analyst to create reports that detail trends in performance and processes, as well as recommend any improvements that benefit a company. They deliver presentations to managers and other senior-level employees, ensuring that technical information is delivered in a way non-technical professionals can understand.

29. Information Systems Security Officer
Minimum Education: Bachelor’s degree in Computer Science, Engineering, or a related field.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Provides minimally supervised support for difficult analysis and evaluation assignments. Has the ability to provide analysis and consulting to management level personnel. Performs analysis and evaluation of existing or proposed processes, applications, systems, or software. Performs, and/or may direct, project planning, scope, control, management, tracking, or review. May perform functional requirements gathering for projects. Performs analysis and evaluation throughout the process, application, system, or software development life-cycle which includes, but is not limited to: planning, requirements, design, acquisition, development, integration, installation/deployment, performance tuning, testing, or training. Performs, or may direct, document development/preparation at various stages of a project life-cycle (e.g., planning through implementation) to detail analysis results and solution recommendations. Assists with testing to support the project life-cycle, as applicable. Uses methodologies, modeling/estimating techniques, tools, applications, systems, software, or databases at advanced levels to perform assigned tasks. BS/BA or 4 to 6 years’ experience.

30. Information Assurance Analyst
Minimum Education: BA/BS Degree in Computer Science, Information Systems, Engineering, Business or other related discipline.
Minimum Experience: Four (4) years of relevant experience with at least two years of specialized experience.
Responsibilities: Under general supervision, uses current information security technology disciplines and practices to ensure the confidentiality, integrity and availability of corporate information assets in accordance with established standards and procedures. Develops and maintains knowledge base on changing regulatory, threat, and technology landscapes to continually develop or maintain security policies and standards and ensure compliance throughout the organization.
- Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems.
- Designs, develops, engineers, and implements solutions that meet network security requirements.
- Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle
- Performs systems analysis of computer and networking systems.

31. Information Assurance Manager I
Minimum Education: B.S. in Electrical Engineering, Computer Science, or Information Systems. CISSP preferred.
Minimum Experience: Eight (8) years of experience in the engineering and information technology field. Minimum of 4 years of experience in Computer Security/Information Assurance.
Responsibilities: Demonstrated experience in analytical problem solving, and understanding network protocols, architectures and with IA products and systems. Strong verbal and written communication skills required, with the ability to interact and negotiate system/network requirements with clients. Experience in supporting an Information Assurance (IA) programs, requiring extensive experience in Computer Network Defense (CND), system security design, network architecture, security practices, and IA tools.

- Determines enterprise information assurance and security standards.
- Develops and implements information assurance/security standards and procedures.
- Coordinates, develops, and evaluates security programs for an organization.
- Recommends information assurance/security solutions to support customers' requirements.
- Identifies, reports, and resolves security violations.
- Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands.
- Supports customers at the highest levels in the development and implementation of doctrine and policies.
- Applies know-how to government and commercial common user systems, as well as to dedicated special purpose systems requiring specialized security features and procedures.
- Performs analysis, design, and development of security features for system architectures.
- Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers.
- Designs, develops, engineers, and implements solutions that meet security requirements.
- Provides integration and implementation of the computer system security solution.
- Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems.
- Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.
- Ensures that all information systems are functional and secure.

32. IT Technical Advisor Jr.
Minimum Education: Bachelor’s Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.
Minimum Experience: Two (2) years of professional experience in a related field.
Responsibilities: Under general direction, uses current information security technology disciplines and practices to ensure the confidentiality, integrity and availability of corporate information assets in accordance with established standards and procedures. Develops and maintains knowledgebase on changing regulatory, threat, and technology landscapes to continually develop or maintain security policies and standards and ensure compliance throughout the organization.

- Determines enterprise information assurance and security standards.
- Develops and implements information assurance/security standards and procedures.
- Coordinates, develops, and evaluates security programs for an organization.
- Recommends information assurance/security solutions to support customers' requirements.

33. IT Technical Advisor
Minimum Education: Bachelor’s Degree.
Minimum Experience: Four (4) years of professional experience in a related field or a bachelor’s degree or higher in a related major. Certifications can include CISSP or PMP. Has substantial expertise in design and operation of computer systems.

Responsibilities: Provides senior guidance on analysis and resolution of hardware, software, and telecommunications issues. High degree of technical experience. May have specific expertise in technical tools or subject areas such as relational database management systems or computer telephony systems.

34. Manager
Minimum Education: Bachelor’s degree from an accredited college or university in the Computer Science, Engineering, Information Systems or a related field.
Minimum Experience: Three (3) years of intensive and progressive IT experience demonstrating the required proficiency levels related to task.
Responsibilities: Responsible for small to medium IT projects or significant segment of a large technology related complex project. Leads team on small to medium IT projects or significant segment of large complex projects. Translate customer technical requirements into formal agreements and plans to culminate in customer acceptance of results, or have acceptance in the targeted market, while meeting technical objectives. Works with client to identify technical requirements, and subsequently leads a team in the executing tasks of a project or segment of a project to produce the technical solution. Executes a wide range of process activities beginning with requirements through development, test and final delivery. Formulates partnerships between customer, suppliers and staff. Anticipates potential project related problems. Utilizes refined techniques for identifying, eliminating or mitigating technical risks. Understands customer, industry and technology trends, and applies this understanding to meet project objectives. Analyzes information and situations and implement actions, independently and or through the management team to ensure project objectives are met. Analyzes new and complex IT project related problems and creates innovative solutions.

35. Operations Support Representative
Minimum Education: High School.
Minimum Experience: Two (2) years of general experience in office automation developing, writing, proof-reading, editing reports, proposal and documents in support of IT operations.
Responsibilities: Using information technology tools, is responsible for developing, drafting, writing and editing reports, briefs, proposals, and other documents in support of a clients’ requirements. Understands uses, and develops advanced level automated tools (e.g. Excel macros), and other specialized applications. Interfaces with personnel to coordinate meetings, maintain logs, records and files, provides end-user support, and performs general administrative duties. Assists in budgetary and financial management. Must be capable of working independently. Must be able to communicate orally and in writing with all levels of an organization as required.

36. PERFORM Load Tester Jr. Level
Minimum Education: Bachelor’s Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: Provide testing and analysis of complex systems to ensure systems are compliant with requirements and can perform well in production. Independently develop test scripts using any of the LoadRunner protocols, create test scenarios and execute tests. Analyze test results using LoadRunner Analysis and write test reports.
37. Principal
Minimum Education: Bachelor's Degree from an accredited college or university in the Computer Science, Information Technology Systems, Engineering, Scientific or a Mathematics-intensive discipline.
Minimum Experience: Ten (10) years including four (4) years of general IT experience, three (3) years of experience in BPR methods and one (1) year experience in enterprise applications.
Responsibilities: Recognized for strong expertise in information technology related industry issues and trends. Utilize functional area expertise gained through direct industry experience to assess the operational and functional baseline of an organization and its organizational components. Examples of the functional areas would include Human Resources, Finance, Supply, Service, etc. Work with senior managers and executives to provide industry vision and strategic direction with regard to their IT enterprise. Guide the determination of information technology inadequacies and/or deficiencies that affect the functional area’s ability to support/meet organizational goals. Generate functional area strategies for enhanced IT operations in a cross-functional area mode throughout the organization. Participate in account strategy sessions, strategic assessments and design reviews to validate enterprise approach and associated work products, such as ERP implementations. Provides guidance and direction to other professionals, acts in a consulting and/or advisory capacity; coordinates resolution of highly complex problems and tasks, possesses ability to meet and operate under deadlines. Activities related to the enterprise resource planning and management processes, including but not limited to: knowledge management, investment analysis, data warehousing, e-commerce, return on investment analysis, human resource analysis, material management and logistics, procurement, ordering, manufacturing, decision support, information dissemination, planning to encompass the strategy, architecture and methodology for an enterprise modernization effort; selection, implementation and measure of packaged solutions for enterprise modernization; complete integration of applications with target data and defined processes.

38. Program Manager Jr. Level
Minimum Education: Bachelor's Degree in Engineering, Computer Science, Systems, Business or related scientific/technical discipline.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Supports the project/program manager for a large or complex information technology project or group of tasks. May interact frequently with the client’s representative. Responsibilities may include the creation and updating of a project plan and all artifacts included in that plan. This will involve coordination with senior technical staff on their activities and the impact of this on the project schedule, budget, risk management, progress reporting, etc. Takes direction from the PM responsible for the overall management of the project and shares responsibility with that PM for the quality of the project plan. May be involved in briefing the client’s representative on some aspects of the project.

39. Program Manager Mid Level
Minimum Education: A Bachelor's Degree in Information Technology
Minimum Experience: Eight (8) years of professional experience in an information technology/information management or related field.
Responsibilities: Responsible for project oversight and direction. Ensures conformance with work standards; interprets policies, procedures, goals and objectives of the organization. Ensures appropriate resources are applied to the project. Nature of work involves complex information technology project management, strategic and tactical planning, coordination, control, and critical decision-making. Requires experience related to work being performed. May also involve complex technical engineering design and technology architectural tasks.
40. **Project Manager Jr. Level**  
**Minimum Education:** Bachelor's Degree in Engineering, Computer Science, Systems, Business or related scientific/technical discipline.  
**Minimum Experience:** Three (3) years of relevant experience required.  
**Responsibilities:** As a Project Manager Jr., you must have experience managing Information Technology related projects. Must be well versed in life cycle and project management methodologies. Must have experience in tracking costs, schedule and performance progress. Must be able to identify and mitigate risks.

41. **Project Manager Mid Level**  
**Minimum Education:** Bachelor’s Degree.  
**Minimum Experience:** Six (6) years of relevant experience required.  
**Responsibilities:** The Project Manager Mid-Level supervises or directly manages and coordinates project through all phases of the systems development life cycle, including planning, requirements analysis, design, development, testing, installation, and evaluation. Responsible for conducting the project in a timely manner, ensuring the quality of work products, maintaining financial soundness of the project, managing interactions, and reporting progress and issues. Ensures conformance with work standards; interprets policies, procedures, and goals and objectives of the organization. Coordinates work effort with all parties. Reviews work products for quality, completeness, and adherence to design concepts and user requirements. Has significant expertise in managing systems projects. Responsible for client liaison.

42. **Project Manager Sr. Level**  
**Minimum Education:** Bachelor's Degree in Engineering, Computer Science, Systems, Business or related scientific/technical discipline.  
**Minimum Experience:** Ten (10) years of relevant experience is required.  
**Responsibilities:** The Project Manager Sr. Level supervises or directly manages and coordinates project through all phases of the systems development life cycle, including planning, requirements analysis, design, development, testing, installation, and evaluation. Responsible for conducting the project in a timely manner, ensuring the quality of work products, maintaining financial soundness of the project, managing interactions, and reporting progress and issues. Ensures conformance with work standards; interprets policies, procedures, and goals and objectives of the organization. Coordinates work effort with all parties. Reviews work products for quality, completeness, and adherence to design concepts and user requirements. Has significant expertise in managing systems projects. Responsible for client liaison.

43. **Quality Assurance Analyst**  
**Minimum Education:** Bachelor's Degree in Engineering, Computer Science, Systems, Business or related scientific/technical discipline.  
**Minimum Experience:** Two (2) years of relevant experience required.  
**Responsibilities:** Reviews new or modified program, including documentation, diagram, and flow chart, to determine if program will perform according to user request and conform to guidelines.

44. **Quality Assurance Manager**  
**Minimum Education:** Bachelor's Degree or higher in Business, Information Systems, or a related discipline.  
**Minimum Experience:** Three (3) years of professional experience.  
**Responsibilities:** Meet with system users to understand usage profiles and user needs. Write test plans for small systems, including plans for integration testing, system testing, stress testing, acceptance testing,
and regression testing. Design strategies and write scripts for automated testing of small programs. Write, execute, and analyze the results of test procedures. Write test reports or problem reports indicating whether or not a test passed and, if necessary, provide an analysis. Participate in reviews at any point in the software life cycle. For projects involving small systems, design and implement the software configuration management process and problem reporting system. Help implement a metrics system, i.e., a system that gathers various metrics on software and performance; help write a report on the metrics for the project.

45. **Security Analyst I**
**Minimum Education:** Bachelor's Degree in Engineering, Computer Science, Systems, Business or related scientific/technical discipline.
**Minimum Experience:** Four (4) years of relevant experience required.
**Responsibilities:** Analyzes and defines security requirements for information protection. Defines and develops security policies. Designs, develops, engineers, and implements solutions that meet network, system, or application security requirements. Gathers and organizes technical information about an organization’s mission goals and needs, existing security products, and ongoing needs. Analyzes the sensitivity of information and performs vulnerability and risk assessments on the basis of defined sensitivity and information flow. Must demonstrate the ability to work independently or under only general direction.

46. **Security Analyst II**
**Minimum Education:** Bachelor's Degree.
**Minimum Experience:** Six (6) years of relevant experience required.
**Responsibilities:** Provides business and analytical expertise in support of project. Provides an understanding of the client’s objectives and has extensive knowledge of typical core processes. May prepare overall designs and detailed specifications for system components. Offers knowledge, experience, and insight in a particular area, such as facilitation. Provides minimally supervised support for difficult analysis and evaluation assignments. Has the ability to provide analysis and consulting to management level personnel. Performs analysis and evaluation of existing or proposed processes, applications, systems, or software. Performs, and/or may direct, project planning, scope, control, management, tracking, or review. May perform functional requirements gathering for projects.

47. **Security Analyst III**
**Minimum Education:** Bachelor's Degree.
**Minimum Experience:** Eight (8) years of relevant experience required.
**Responsibilities:** Provides expertise in application, systems software and Information Technology systems. Provide technical, managerial, and administrative direction for problem definition, analysis, requirements development, and implementation of complex solutions by making information technology/information management related recommendations. Advise on organizational improvements, optimization, or maintenance efforts in the following specialties: information systems architecture, networking, telecommunications, automation, risk management, software life-cycle management and development methodologies, visual design, information architecture, copywriting, and content management.

48. **Security Specialist I**
**Minimum Education:** Associate degree
**Minimum Experience:** Two (2) years of relevant experience
Responsibilities: Provides expertise in designing and implementing solutions to security requirements. Performs a risk analysis that also includes risk assessment. Supports and assists with coordination and implementation of client’s information security.

49. Security Specialist II
Minimum Education: Bachelor’s Degree
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Provide support to plan, coordinate, and implement the organization's information security. Provide support for facilitating and helping agencies identify their current security infrastructure and define future programs, design and implementation of security related to IT systems.

50. Security Specialist III
Minimum Education: Master’s Degree
Minimum Experience: Six (6) years of relevant experience required.
Responsibilities: Oversees the efforts of security staff to design, develop, engineer and implement solutions to security requirements. Responsible for the implementation and development of Agency IT security. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses that also include risk assessment. Provide support to plan, coordinate and implement the organization's information security. Provide support for facilitating and helping agencies identify their current security infrastructure and define future programs, design and implementation of security related to IT systems. Provides daily supervision to and direction to staff. Ability to serve as Information System Security Office (ISSO).

51. Senior Security Specialist I
Minimum Education: Master’s Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Eight (8) years of relevant experiences required.
Responsibilities: Act as a project mentor and interface with both internal/external customers and technical subject matter experts. Monitor the progress of the security programs with management and contractors to ensure adequacy and thoroughness of results.

52. Senior Security Specialist II
Minimum Education: Master’s Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Ten (10) years of relevant experiences required.
Responsibilities: Formulates security strategies to best meet evolving technological requirements. Provide guidance and implementation recommendations for security enhancements.

53. Senior Consultant
Minimum Education: Bachelor’s Degree.
Minimum Experience: Four (4) years of professional experience in a related field.
Responsibilities: Provides expertise in application, systems software, and information security. Provides performance tuning. Undertakes analyses of complex hardware, software, and information technology and telecommunications issues. High degree of technical experience and performance. May have expertise in maintenance and engineering systems design, development, assessment, and analysis. May be knowledgeable in Reliability-Centered Maintenance principles and methodology.
54. **Senior Manager**  
**Minimum Education:** Master's degree from an accredited college or university in the Computer Science, Engineering, Information Systems, or a related field.  
**Minimum Experience:** Six (6) years of intensive and progressive information technology related experience demonstrating the required proficiency levels related to task.  
**Responsibilities:** Responsible for large IT projects or significant segment of a large complex project. Leads team on large IT projects or significant segment of large complex projects. Translate customer requirements into formal agreements and plans to culminate in customer acceptance of results, or have acceptance in the targeted market, while meeting business objectives. Works with client to identify business requirements and develops the proposal. Subsequently leads a team in the initiating, planning, controlling, executing, and closing tasks of IT projects or segments of projects to produce the solution deliverable. Execute a wide range of process activities beginning with the request for proposal through development, test and final delivery. Formulates partnerships between customer, suppliers and staff. Anticipates potential project related problems. Utilizes refined techniques for identifying, eliminating or mitigating solution, project, and business risk. Understands customer, industry and business trends. Applies this understanding to meet project objectives. As appropriate, challenges the validity of given procedures and processes with a view toward enhancement or improvement. Analyzes information and situations and implement actions, independently and or through the management team to ensure project objectives are met. Analyzes new and complex project related problems and creates innovative solutions involving finance, scheduling, technology, methodology, tools, and solution components.

55. **Senior Network Engineer**  
**Minimum Education:** Bachelor's Degree or graduate of technical school, or applicable professional certification in Computer Science, Engineering, Information Systems, or a related field.  
**Minimum Experience:** Six (6) years of relevant experience required.  
**Responsibilities:** Resolves complex network problems. Addresses network security issues. Interfaces with all client levels. Presents recommendations on network interfaces and configurations. Participates in and may lead aspects of major network installations and upgrades. Works with vendors and network analysts as appropriate to resolve unusually complex network problems. Provides guidance to less experienced network administrators. Performs complex assignments with little guidance.

56. **Senior Network Engineer II**  
**Minimum Education:** Bachelor's Degree in Computer Science, Engineering, Information Systems, or a related field.  
**Minimum Experience:** Eight (8) years of relevant experience required.  
**Responsibilities:** Leads teams to resolves complex network problems. Designs strategies to address network security issues. Interfaces with all client levels. Presents recommendations on network interfaces and configurations. Leads aspects of major network installations and upgrades. Works with vendors and network analysts as appropriate to resolve unusually complex network problems. Provides guidance to less experienced network administrators. Performs complex assignments with little guidance.

57. **Systems Administrator I**  
**Minimum Education:** Bachelor's Degree in Computer Science or a related field.  
**Minimum Experience:** Three (3) years of relevant experience required.  
**Responsibilities:** Responsible for acquisition, installation, maintenance, and usage of the Systems, including LAN/WAN/MAN. Determines best products to meet needs and present results. Manages system performance and maintains system security. Installs network hardware and software. Evaluates,
develops, and maintains telecommunications systems. Troubleshoots system problems. Establishes and implements policies, procedures, and standards, and ensures their conformance to information systems objectives. Trains users on system operation. May perform network planning and engineering functions. May be responsible for both local and remote administration of networks.

58. **Systems Administrator II**

**Minimum Education:** Bachelor’s Degree in the Computer Science, Engineering, Information Systems, or a related field.

**Minimum Experience:** Five (5) years of technical experience installing, maintaining, and managing integrated systems, Local Area Networks (LANs), Wide Area Networks (WANs), and Metropolitan Area Networks (MANs).

**Responsibilities:** Responsible for acquisition, installation, maintenance, and usage of IT Systems, including LAN/WAN/MAN. Determines best products to meet needs and present results. Manages system performance and maintains system security. Installs network hardware and software. Evaluates, develops, and maintains IT or telecommunications systems. Troubleshoots system problems. Establishes and implements policies, procedures, and standards, and ensures their conformance to information systems objectives. Trains users on system operation. May perform network planning and engineering functions. May be responsible for both local and remote administration of networks.

59. **Systems Administrator III**

**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering or other engineering or technical discipline is required.

**Minimum Experience:** Six (6) years of relevant experience required.

**Responsibilities:** Leads installation of new software releases and system upgrades, evaluates and installs patches, and resolves software related problems. Coordinates system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity.

60. **Systems Administrator IV**

**Minimum Education:** Bachelor’s Degree in computer science, electronics engineering or other engineering or technical discipline is required.

**Minimum Experience:** Seven (7) years of relevant experience required.

**Responsibilities:** A Senior System Administrator IV has the thorough knowledge to create plans to assure effective management, operations, and maintenance of systems and/or networks. Manages teams of system admins and is able to prioritize work and identify high risk critical problems and dedicate appropriate resources. Has extensive knowledge of a wide variety of systems and networks to include high volume/high availability systems.

61. **SME I**

**Minimum Education:** Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.

**Minimum Experience:** One (1) year of relevant experience required.

**Responsibilities:** Has substantial expertise in a specific functional area. May direct analyses of requirements for information systems. May direct the design of adaptations to software. May be knowledgeable in process analysis techniques such as flowcharting, process mapping, benchmarking, and activity-based costing. May have subject matter expertise in areas such as facilitation, organizational development, and change management. May have specific expertise in business or functional areas such as Reliability-Centered Maintenance principles and methodology, or logistics policy development. May
have demonstrated experience in configuration management, maintenance planning, supply management, outfitting/fitting out, data management, training, or logistics/configuration information systems.

62. SME II
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required.
Responsibilities: Provides technical leadership in performing assessment of present levels of cyber security, defines acceptable levels of risk, trains all personnel in proper cyber posture and establishes formal maintenance procedures. Performs privacy impact assessments and provides PII data security and monitoring, and migration strategies. Identifies potential vulnerabilities to cyber and information security using penetration testing and red teams. Provides technologies for identification, modeling, and predictive analysis of cyber threats. Applies this leadership in any phase of the system development life cycle support as task requirements dictate and may have a high level of expertise in one area. Plans, recommends, and performs changes. Utilizes an accomplished knowledge of multiple technical disciplines, unique applications, and business management practices to develop technical and/or business solutions to client problems. Assists clients in planning and developing objectives and goals. Supports client objectives while conforming to the client’s operating practices. Works under minimal supervision and independently performs duties of moderate complexity.

63. SME III
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: Acts as a recognized technical expert in performing assessments of present levels of cyber security, defines acceptable levels of risk, trains all personnel in proper cyber posture and establishes formal maintenance procedures. Performs privacy impact assessments and provides PII data security and monitoring, and migration strategies. Identifies potential vulnerabilities to cyber and information security using penetration testing and red teams. Provides technologies for identification, modeling, and predictive analysis of cyber threats. Functions as the highest-level individual contributor in at least one technical area. Utilizes expertise in business management practices, industry requirements and information technology disciplines to develop technical and/or business solutions to client problems. Has a high level of diverse technical and industry experience related to a specific skill set. Keeps abreast of technological developments and industry trends. Performs complex assignments with little guidance.

64. SME IV
Minimum Education: Bachelor’s Degree.
Minimum Experience: Twelve (12) years of relevant experience required.
Responsibilities: Has substantial expertise in a specific functional area. May direct analyses of requirements for information systems. May direct the design of adaptations to software. May be knowledgeable in process analysis techniques such as flowcharting, process mapping, benchmarking, and activity-based costing. May have subject matter expertise in areas such as facilitation, organizational development, and change management. May have specific expertise in business or functional areas such as Reliability-Centered Maintenance principles and methodology, or logistics policy development. May have demonstrated experience in configuration management, maintenance planning, supply management, outfitting/fitting out, data management, training, or logistics/configuration information systems.
65. Sr. Technical Expert I
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Five (5) years of relevant experience required.
Responsibilities: The Sr. Technical Expert I is expected to perform a variety of complex project tasks independently and in teams as assigned by the Project Manager.

66. Test Engineer
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: A member of the technical staff responsible for supporting operational and developmental testing. Responsible for development and execution of test plans and procedures. Assists in development of test master plans with developing contractors and customers. May support both the acquisition and user communities to meet testing needs. May serve as test director of test support team to evaluate and document system capabilities as meeting requirements. Will provide test planning support to include test resource plans and test concepts. Will determine data collection requirements and methods and implement collection strategy during test conduct.

67. Tester - Mid Level
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: A tester-Mid Level works in the information technology sector, either in an IT department or as a freelancer. Testers be able to read computer programming languages so that they can fix problems with software. They may work alone or in a team with other testers. They usually report to an information technology manager. The tools for testers are computers, software (including that which they test and software programs to help them fix problems in the software that they are testing), telephones, pens and paper, and other typical office supplies. Some software testers actually get to test video games for a living. A software tester must be able to work quickly, as oftentimes they receive the software they are to test not long before the project deadline. This may result in them working after hours or during weekends on some occasions.

68. Tester – Sr. Level
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Eight (8) years of relevant experience required.
Responsibilities: The tester Sr. Level frequently works as a part of an information technology (IT) or cybersecurity team. When conducting security tests, it is important for the Sr. tester to take careful notes and be able to relay relevant information to other members of the team. The penetration tester should have a thorough understanding of complex security measures, as well as of the software and tools necessary to perform the job.

69. Web Application Developer 1
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Three (3) years of relevant experience required.
Responsibilities: Web application developers I build, maintain and manage all aspects of a web application. ("Web application" is a catchall term for a number of interfaces that utilize the world wide web.) One example would be a website, and another could be a mobile phone or tablet app. Web application developers must plan, build, and subsequently manage every process of the application's development. Sometimes this is done as part of a team, but it can also be done independently or under the supervision of the employer. Fluent understanding of common developer languages such as HTML and PHP will nearly always be necessary and may need to be demonstrated via a test or a strong portfolio.

70. Web Application Developer 2
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Five (5) years of relevant experience required.
Responsibilities: Web developers design, create, and implement software code in order to improve the effectiveness of a website. They work on a team with graphic designers and web designers to develop websites with HTML, Javascript, PHP, CSS, and other coding methods. Web developers focus on the concept, interface design, and layout of a website from design to launch. They may build and test the integration of a website to make it easy to use and navigate for end users and clients. For ongoing websites, web developers troubleshoot and debug existing code in order to enhance the website’s functionality. The field of web development is currently shifting toward the optimization of mobile device applications and web browsing.

71. Web Engineer
Minimum Education: Bachelor's Degree in Computer Science, Engineering, Information Systems, or a related field.
Minimum Experience: Four (4) years of relevant experience required.
Responsibilities: Under general direction, responsible for program design, coding, testing, debugging and documentation. Has full technical knowledge of all phases of web-based applications systems analysis and programming. Has a general understanding of the business or function for which applications is designed.

72. Web Maintainer
Minimum Education: Bachelor's Degree in computer science, electronics engineering or other engineering or technical discipline is required.
Minimum Experience: Two (2) years of relevant experience required
Responsibilities: A web maintainer's general duties center around all aspects of an organization’s website, including work in website design and layout, as well as routine updates and maintenance. Web Maintainers in larger companies may have to coordinate with marketing/branding professionals to ensure the organization's web presence adheres to that department's standards. The web maintainer may have a variety of related responsibilities involving inter-organization intranets, portals, and online security maintenance. Additionally, the web maintainer is likely to supervise how and when web content is added to the company's website, and they usually work with content creators to facilitate timely and regular updates.

Substitution Methodology: Due to the availability or limitation of education, occasionally substitution of experience as referenced below for a professional labor type with additional years of experience will be provided to the Federal Agency when responding to their IT requirements and it is solely the acquiring agency’s determination, if the substitution is considered acceptable prior to an award.

TISTA
Science and Technology Corporation
301-968-3420
## GSA PRICE LIST

**SIN 54151HEAL; 54151HEAL/STLOC**

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## GSA Labor Category

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**SCA/SCLS Matrix**

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<thead>
<tr>
<th>SCLS Eligible Contract Labor Category</th>
<th>SCLS Equivalent Code Title</th>
<th>WD Number</th>
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<tbody>
<tr>
<td>Health IT Database Entry Clerk</td>
<td>21130-Shipping and Receiving clerk</td>
<td>2015-4245</td>
</tr>
</tbody>
</table>

The Service Contract Labor Standards, formerly the Service Contract Act (SCA), apply to this contract and it includes SCLS applicable labor categories. Labor categories and fixed price services marked with a (***) in this pricelist are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS/SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide).

## SIN 518210C; 518210C/STLOC

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Science and Technology Corporation
301-968-3420

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### SCA/SCLS Matrix

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<thead>
<tr>
<th>SCLS Eligible Contract Labor Category</th>
<th>SCLS Equivalent Code Title</th>
<th>WD Number</th>
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<tbody>
<tr>
<td>Cloud IT Database Entry Clerk</td>
<td>21130- Shipping and Receiving clerk</td>
<td>2015-4245</td>
</tr>
</tbody>
</table>

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**SIN 541611**

<table>
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<th>GSA Labor Category</th>
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**SCA/SCLS Matrix**

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The Service Contract Labor Standards, formerly the Service Contract Act (SCA), apply to this contract and it includes SCLS applicable labor categories. Labor categories and fixed price services marked with a (***) in this pricelist are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS/SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide).

**SIN 54151S; 54151S/STLOC**

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