



GENERAL SERVICES ADMINISTRATION

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Multiple Award Schedule (MAS)

Federal Supply Group: Professional Services

Contract Number: GS-35F-386GA

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Contract Period: April 21, 2017 through April 20, 2027

Effective as of PO-0008 dated 06/21/2024

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Business size: Small Disadvantaged Business

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

SIN 54151S, 54151HEAL, 54151HACS, 511210, OLM

1. Labor Category: Data Architect

Functional Responsibilities: Provides technical leadership for the design and development of complex databases. Maintains knowledge of current databases and database development activities. Performs high-level data analysis and formulates an effective technical strategy for accomplishing objectives that will increase overall performance and database efficiency. Develops complete specifications for proposed database enhancements/upgrades. Interacts closely with the systems integration team. Reviews work products for correctness, adherence to design concepts, satisfaction of user requirements, and compliance with schedules. Coordinates with contractor and Government management and technical specialists to ensure problems are resolved and users are satisfied. Ensures work complies with applicable standards and follows quality control procedures. Delivers presentations about systems architecture changes for peers, subordinates, and Government representatives. Supervises lower level personnel and applies strong oral and written communications skills.

Education and Experience: Bachelor's Degree in Computer Science, Information Systems, or related technical field, and 7 years of experience in Engineering, System Analysis, and Programming. The Bachelor's Degree is equivalent to 4 years of experience in the Information Technology field.

2. Labor Category: Technical Architect

Functional Responsibilities: Enterprise Architecture Strategy Development and Tactical Planning, Information Management. Conduct Business Process Improvement Evaluation, Perform Requirements Analysis, Develop EA Implementation Plan. Applies information management techniques and practices in support of business process improvement and business process modernization projects. Applies reverse engineering and reengineering disciplines to develop activity and data modeling, transaction flow analysis to document existing processes. Develops and applies organization-wide information models for use in assisting the design of integrated, shared software and database management systems. Participates in the construct of sound, logical business improvement opportunities consistent with corporate information management guiding principles, cost savings, and open system architecture objectives. Analyzes functional business applications and design specifications for functional activities for the object/entity types that will be required in the Platinum data repository schema.

Education and Experience: Master's Degree in Information Systems Management, Business Administration, Engineering, or related technical field, and 12 to 15 years of experience in the Information Technology, BPR or relevant experience.

3. Labor Category: Senior Software Engineer

Functional Responsibilities: Provides technical leadership in software engineering work activities at the program, project levels. Analyzes and studies complex system requirements. Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manages software development and support using formal specifications, data flow diagrams, other accepted design techniques, and Computer Aided Software Engineering (CASE) tools. Interprets software requirements and design specifications to code and integrates and tests software components. Estimates software development costs and schedule. Reviews existing programs and assists in making refinements, reducing operating time, and improving current techniques. Supervises software configuration management.

Education and Experience: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or related field, and 10 years of experience in software design and development, utilizing state of the art methodologies and CASE tools. A Bachelor's Degree is equivalent to 4 years of experience in the Information Technology field.

4. Labor Category: Application Developer Level 1

Functional Responsibility: Applies expertise in various programming languages to complex problems. Recommends design/redesign of programs, and investigates and analyzes feasibility and program requirements. Plans full range of programming activities to produce interrelated capabilities from numerous, diverse data elements normally from different sources. Solves difficult programming problems. Tests, documents and writes operating instructions for all programming products produced.

Education and Experience: Bachelor's degree in an associated discipline and 3 or more years system development/ implementation experience or an equivalent combination of education and training that provides the required knowledge, skills, and abilities.

5. Labor Category: Application Developer Level 2

Functional Responsibility: Applies expertise in various programming languages to complex problems. Recommends design/redesign of programs, and investigates and analyzes feasibility and program requirements. Plans full range of programming activities to produce interrelated capabilities from numerous, diverse data elements normally from different sources. Solves difficult programming problems. Tests, documents and writes operating instructions for all programming products produced. Provides technical leadership and supervision of task groups.

Education and Experience: Bachelor's degree in an associated discipline and 5 or more years system development/ implementation experience or an equivalent combination of education and training that provides the required knowledge, skills, and abilities.

6. Labor Category: Application Developer Level 3

Functional Responsibility: Applies expertise in various programming languages to complex problems. Recommends design/redesign of programs, and investigates and analyzes feasibility and program requirements. Plans full range of programming activities to produce interrelated capabilities from numerous, diverse data elements normally from different sources. Solves difficult programming problems. Tests, documents and writes operating instructions for all programming products produced. Provides technical leadership and supervision of task groups.

Education and Experience: Bachelor's degree in an associated discipline and 8 or more years system development/ implementation experience or an equivalent combination of education and training that provides the required knowledge, skills, and abilities.

7. Labor Category: Configuration/Change Manager

Functional Responsibilities: Provides configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software.

Education and Experience: Bachelor's Degree in Computer Science, Engineering or related field; Master's is preferred and equivalent to 2 years of experience. Minimum five (5) years of experience in related field.

8. Labor Category: Database Administrator Level 1

Functional Responsibility: General scripting knowledge of exporting and importing data. Works with application developers and architects to design physical data structures to support application requirements. Provide day-to-day development, administration and technical expertise for the deployment, integration and management of various Oracle, MS SQL, and Access databases. Supports logical and physical data modeling and design by ensuring that database definitions conform to naming standards. Communicate effectively any urgent issues with other members of the team, including management and non-database personnel.

Education and Experience: A Bachelor's Degree in Computer Science or Engineering preferred. 2-4 years of experience in Database Management System (DBMS) design and systems analysis, operating systems software internal architecture, high level and data manipulation languages.

9. Labor Category: Database Administrator Level 2

Functional Responsibility: Duties include but are not limited to providing highly technical expertise and guidance in the definition, control integrity, and uniformity of DBMS. Responsible for designing, developing, modifying, and evaluating programs for internal functional areas. Responsible for planning, coordinating, and administration of DBMS, including base definition, structures, documentation, upgrades, long-range requirements, operational guidelines, and protection. Ensures accuracy and completeness of data in master files and various support tools, such as base dictionaries. Establishes and maintains security integrity controls. Formulates and monitors policies, procedures, and standards relating to database management. Responsibilities may include the following: troubleshooting, recovery, tuning of the database, software installation, resolving errors and failures, auditing activities, and resource utilization. Works on problems of diverse scope where analysis of data requires evaluation of identifiable factors. Exercises judgment within generally defined practices and policies in selecting methods and techniques for obtaining solutions.

Education and Experience: MS in Computer Science or Engineering preferred. 4-8 years of progressively more difficult experience in Database Management System (DBMS) design and systems analysis, operating systems software internal architecture, high level and data manipulation languages. Experience may also be in DBMS analysis on significant projects, including experience in designing and building databases.

10. Labor Category: Information Security Specialist Level 1

Functional Responsibilities: 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.

Education and Experience: Bachelor's Degree in Computer Science, Engineering or related field. Minimum three (3) years of experience in related field.

11. Labor Category: Information Security Specialist Level 2

Functional Responsibilities: 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, systems, software, hardware and cloud security requirements. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.

Education and Experience: Bachelor's Degree in Computer Science, Engineering or related field. Minimum six (6) years of experience in related field.

12. Labor Category: Information Security Specialist Level 3

Functional Responsibilities: 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, systems, software, hardware and cloud security requirements. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.

Education and Experience: Bachelor's Degree in Computer Science, Engineering or related field. Minimum ten (10) years of experience in related field.

13. Labor Category: Information Security Specialist Level SME

Functional Responsibilities: 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, systems, software, hardware and cloud security requirements. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.

Education and Experience: Bachelor's Degree in Computer Science, Engineering or related field. Minimum fifteen (15) years of experience in related field.

14. Labor Category: Program Manager

Functional Responsibility: Responsible, with full authority, for management, performance and completion of multiple projects or portfolios of projects such as computer applications, systems development, implementation, facilities management, network operations, and information management studies including strategic, systems, and information architecture. Establishes and monitors master plans and schedules. Oversees the development of design concepts, test and acceptance criteria, and directs integration and installation activities. Establishes and maintains contact with client, business partners, and project team members to ensure conformance to customer requirements. Supervises project managers and task leaders.

Education and Experience: Bachelor's Degree in an associated discipline and 8 or more years related experience or an equivalent combination of education and training that provides the required skills, knowledge and abilities. At least 5 years must have been in a supervisory capacity.

15. Labor Category: Project Manager

Functional Responsibility: Responsible for management, performance and completion of individual projects such as computer applications, systems development, implementation, facilities management, and network operations. Assists in establishing, and fully monitors master plans and schedules. Assists in the development of design concepts, test and acceptance criteria, and directs integration and installation activities. Establishes and maintains contact with client, business partners, and project team members to ensure conformance to customer requirements.

Education and Experience: Bachelor's Degree in an associated discipline and 5 or more years related experience or an equivalent combination of education and training that provides the required skills, knowledge and abilities.

16. Labor Category: Systems Analyst Level 1

Functional Responsibility: Provides technical expertise in design, development and support of computer systems. Plan and develop new computer systems or devise ways to apply existing systems' resources to additional operations.

Education and Experience: BS or BA degree in Computer Science is preferred. 2 or more years of general experience in systems analysis or programming is preferred.

17. Labor Category: Systems Analyst Level 2

Functional Responsibility: Provides highly technical expertise in design, development and support of computer systems. Plan and develop new computer systems or devise ways to apply existing systems' resources to additional operations.

Education and Experience: BS or BA degree in Computer Science is preferred. 3-5 years of general experience in systems analysis or programming is preferred.

18. Labor Category: Systems Analyst Level 3

Functional Responsibility: Provides highly technical expertise in design, development and support of computer systems. Plan and develop new computer systems or devise ways to apply existing systems' resources to additional operations.

Education and Experience: BS or BA degree in Computer Science preferred. 5-8 years of general experience in systems analysis or programming is preferred.

19. Labor Category: Tester and QA Analyst

Functional Responsibilities: Must be capable of designing and executing IT software tests and evaluating results to ensure compliance with applicable regulations. Must be able to prepare test scripts and all required test documentation. Must be able to design and prepare all needed test data. Analyzes internal security within systems. Reviews test results and evaluates for conformance to design.

Education and Experience: A Bachelor's Degree from an accredited college or university with a major in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline or three (3) years of equivalent experience in a related field. Must have 4 or more years of experience in computer software development. At least 2 years of software testing experience (integration and acceptance).

20. Labor Category: Subject Matter Expert

Functional Responsibilities: Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Participates as needed in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases.

Education and Experience: Bachelor's Degree in Computer Science, Engineering or related field; Master's is preferred and equivalent to 2 years of experience. Minimum ten (10) years of experience in related field.

21. Labor Category: Trainer

Functional Responsibilities: Conducts the research necessary to develop and revise training courses and prepares appropriate training catalogs. Prepares all instructor materials (course outline, background material, and training aids). Prepares all student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by conducting formal classroom courses, workshops, and seminars.

Education and Experience: A Bachelor's Degree from an accredited college or university with a major in Education/Training in the areas of Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. Must have 4 years of experience in information systems development, training, or related fields. At least 2 years of experience in developing and providing IT and end user training on computer hardware and application software.

22. Labor Category: Documentation Analyst

Functional Responsibility: Experienced in program documentation for management information systems. To include: Research, writing, editing materials for related reports, manuals, briefs, proposals, instructional materials, catalogs, technical publications, and/or software and hardware documents. Provides guidance to less experienced/skilled personnel.

Education and Experience: Degree in Management or a technical discipline is preferred. 4 or more years related experience in editing documents and technical writing.

23. Labor Category: Systems Administrator Level 1

Functional Responsibility: Under the direction and supervision of senior systems administrators provides the following functionality. Can

provide system backup/recovery, basic software management, security management, and library management, operating computer systems in different operating environments, sizing, performance, tuning, hardware/software trouble shooting and resource allocation.

Education and Experience: BS or BA degree in Computer Science is preferred. Entry-level position with knowledge of computer systems and data communications.

24. Labor Category: Systems Administrator Level 2

Functional Responsibility: System backup/recovery, basic software management, security management, library management, operating computer systems, sizing, performance, tuning, hardware/software troubleshooting, and resource allocation. Individual shall have a thorough knowledge of capabilities of the applicable hardware/software configurations.

Education and Experience: BA or BS in Computer Science, Engineering or other business related is preferred. 2 to 5 years in system administration, one year of which is on the particular system identified in the task order.

25. Labor Category: Systems Administrator Level 3

Functional Responsibility: Provide work direction to lower-level staff. Should have a thorough understanding of capabilities of the client's applicable hardware/software configurations. This includes system backup/recovery, basic software management, security management, and library management, operating computer systems in different operating environments, sizing, performance, tuning, hardware/software trouble shooting and resource allocation.

Education and Experience: BA or BS in Computer Science, Engineering or other business related is preferred. Five to ten years hands-on technical experience with computer systems and data communications.

26. Labor Category: Senior Accounting Analyst

Functional Responsibility: Basic Experience: Eight years of accounting and financial management experience, including at least 5 years of increasing responsibilities as a team leader or first level supervisor. Experience in operational accounting or auditing with demonstrated ability to supervise or lead a team of accounting analysts. Possess a thorough knowledge of Federal financial and accounting policies, standards, and systems requirements, such as the CFO Act 1990, OMB Regulations, GAAP, FASAB. Must demonstrate experience in working with multi-year/ no-year appropriations and differing appropriations (e.g., O&M and Procurement), and a thorough understanding of budgetary and proprietary accounting principles. Serves as a leader ensuring that a group of analysts are working in concert to systematically integrate business, cost accounting, and financial reporting with management processes to ensure the efficient stewardship of public funds. Will be able to provided guidance on the accurate recording of complex accounting events, apply appropriate cost accounting techniques, and possess an understanding of the principles of financial statement compilation. Must be able to assess operational weaknesses, perform process improvement analysis, and recommend corrective solutions. Is able to assess products and or procedures for compliance with government standards, accounting principles, internal controls, and multi-tiered system application standards. Has the ability to correlate the interrelationships between core accounting requirements and automated solutions, considering the current system environment and the potential integration of added systems. Manages completion of work within the time frame specified by the client, ensuring that all requirements are met. Prepares milestone status reports and presentations for colleagues, subordinates, and end user representatives. Is familiar with activity based costing, business case analysis and outsourcing requirements.

Education and Experience: BA or BS in Computer Science, Engineering or other business related is preferred. 8 years hands-on technical experience with accounting systems and financial management.

27. Health IT (HIT) Project Manager

Functional Responsibility: Ability to oversee and orchestrate and performs day-to-day management of assigned delivery order projects that involve teams of HIT consultants and technical experts and analyst. Possesses knowledge of Health IT systems both in commercial and government domain. Has knowledge of health IT protocols, data governance mandates and regulations on handling health IT systems and data. Demonstrates proven skills in those technical areas addressed by the delivery order to be managed. Organizes, directs, and coordinates the planning and production of all activities associated with assigned delivery order projects, including assessment of staff and expenditure of ODCs. Demonstrates writing and oral communication skills.

Education and Experience: BA or BS Degree in Business, Management or related discipline. Minimum three (3) years of HIT experience with Bachelor's degree OR minimum of one (1) year of HIT experience with Master's degree OR minimum five (5) years of experience with no degree.

28. Health IT Senior Systems Engineer

Functional Responsibility: Supervise the selection and installation of HIT computer systems by providing technical advice and support, and by helping organizations acquire and set up affordable, workable data processing systems suited to current and projected HIT needs. Serves as the primary HIT technical resource for customers. Closely involved in installation and maintain contact with their customers. Analyze the customer's daily operations and confer with managers and other personnel to determine the customer's information handling needs. Recommend appropriate HIT hardware, software, and accessories to the customer. Works with the customer to develop written proposals and give product demonstrations. Evaluates the technical capabilities of the customer's staff to determine training requirements, prepares and conducts classes and seminars. Responsible for monitoring systems and, and providing additional guidance. Engage in problem solving or assisting with special projects, such as helping customers design and implement their own programs. Ability to provide technical and administrative direction for personnel responsible for network design, implementation, and operations tasks, including the review of work products for correctness, adherence to the design concept and to user standards and progress in accordance with schedules.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum four (4) years of experience with bachelor's degree OR minimum of two (2) years of experience with master's degree OR minimum six (6) years of experience with no degree.

29. Health IT Senior Data Architect

Functional Responsibility: Ability to lead a team of HIT specialists in developing data repositories, and data models in support of complex and highly sophisticated Data warehousing applications. Ability to develop HIT Data related strategies and their implementation their off. Ability to create data governance methodologies and their implementation. Ability to lead technical architectures for complex and highly sophisticated data interfaces from various systems. Ability to develop and execute HIT architecture strategies, feasibility studies, and integration analyses. Ability to supervise and provide guidance in implementing various HIT architectures. Able to independently gather and define the architecture requirements and ensure that the architectures are compatible and in compliance with the appropriate IT organization and project standards.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum five (5) years of experience with bachelor's degree OR minimum of three (3) years of experience with master's degree OR minimum eight (8) years of experience with no degree.

30. Health IT Senior Software Engineer

Functional Responsibility: Ability to lead or direct of team of HIT software engineers developing and maintaining HIT operating systems, applications software, database packages, compilers, assemblers, utility programs and other highly complex system software requirements. Ability to modify and create special purpose HIT software and ensure systems efficiency and integrity. Ability to analyze HIT systems requirements and design specifications. Ability to develop block diagrams and logic flow charts. Ability to translate detailed systems designs into executable software. Ability to test, debug, and refine software to produce the required product. Ability to prepare required documentation, including project plans and software program documentation. Creates and/or maintains operating systems, communications software, database packages, compilers, assemblers, and utility programs. Ability to lead or supervise a team of HIT specialists in developing, managing, maintaining, and evaluating current state-of-the-art computer hardware, software, and software development tools. Manages the development, testing and maintenance of HIT computer programs to ensure that the application meets the needs of the users of the system. Responsibilities include: Assist systems analysts and / or designers in researching and documenting HIT computer user requirements. Ability to lead a team of HIT specialists involved in combining a multitude of complex system and software packages.

Education and Experience: BA or BS Degree in Business, Management or related discipline. Minimum five (5) years of experience with bachelor's degree OR minimum of three (3) years of experience with master's degree OR minimum seven (7) years of experience with no degree.

31. Health IT Mid-Level Software Engineer

Functional Responsibility: Ability to develop and maintain HIT operating systems, applications software, database packages, compilers, assemblers, and utility programs with minimal oversight. Ability to modify and create special purpose HIT software and ensure HIT systems efficiency and integrity. Ability to develop block diagrams and logic flow charts. Ability to translate detailed design into computer software. Ability to test, debut, and refine the HIT computer software to produce the required product. Assists with the creation of and /or assists with the maintenance of HIT operating systems, communications software, database packages, compilers, assemblers, and utility programs. Ability to modify existing, standard software. Ability to convert computer systems from one language or machine to another by utilizing compilers, simulators, emulators, and/or language translators and recommend better utilization of operating systems capabilities to improve system efficiency through conversion or migration - all with minimal oversight. Assists with the management, development, testing and maintenance of HIT computer programs to ensure that the application meets the needs of the users of the system. Responsibilities include: Assist HIT systems analysts and/or designers in researching and documenting computer user requirements; Analysis of objectives and problems identified by analysts and/or designers.

Education and Experience: BA or BS Degree in Business, Management or related discipline. Minimum two (2) years of experience with

bachelor's degree OR minimum of one (1) year of experience with master's degree OR minimum four (4) years of experience with no degree.

32. Health IT Systems Administrator

Functional Responsibility: Supervises and manages the daily activities of configuration and operation of HIT business systems which may be N-Tier or client/server based. Optimizes HIT system operation and resource utilization, and performs system capacity analysis and planning. Provides assistance to users in accessing and using HIT business systems. Ability to conduct protocol analysis and knowledge of LAN and WAN data communications protocols. Ability to plan and perform fault management, configuration control, and performance monitoring. Performs and supervises HIT voice and data network administration

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum four (4) years of experience with bachelor's degree OR minimum of two (2) years of experience with master's degree OR minimum six (6) years of experience with no degree.

33. Health IT Network Administrator

Functional Responsibility: Responsible for implementing, maintaining, supporting, developing and, in some cases, designing communication networks within an HIT organization or between HIT organizations. Ability to ensure the integrity of high availability network infrastructure to provide maximum performance for their users for HIT systems. Ability to install network and computer systems for HIT organizations and maintaining, repairing and upgrading network and computer systems. Ability to analyze where communications are going to be needed, create plans for the network, present it to senior management, be up-to-date on the latest technology, understand and determine the hardware and wiring needs for HIT organizations.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum three (3) years of experience required with bachelor's or associate degree OR minimum of four (4) years of experience required with no degree.

34. Health IT Subject Matter Expert

Functional Responsibility: Ability to provide technical direction for problem definition, analysis, requirements development and implementation for complex to extremely complex HIT systems in the subject matter area. Ability to make recommendations and advise on organization-wide HIT system improvements, optimization or maintenance efforts in any of the following specialties: Information Systems Architecture; Networking; Telecommunications; Automation; Communications Protocols; Risk Management/Electronic Analysis; Software; Life-Cycle Management; Software Development Methodologies; Modeling and Simulation.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum six (6) years of experience in HIT with bachelor's degree OR minimum of three (3) years of experience in HIT with master's degree OR minimum ten (10) years of experience in HIT with no degree required.

35. Health IT Senior Data Analyst

Functional Responsibility: Ability to lead a team of HIT specialists in analyzing health related data in the data repositories. Design and create reports for analyzing the Health IT related data. Design and create dashboards as necessary to analyze, pivot and aggregate data. Design, develop and implement data loading scripts to load the data into the data repositories. Manipulate data as necessary to consolidate data from various sources to load it to a data warehouse or a data repository. Possess expert level data analysis techniques and implement them to fulfill the requirements at hand. Design and develop Extraction, Transformation and loading (ETL) scripts to manipulate and load Health data. Ability to supervise and provide guidance in implementing various HIT data repositories. Able to independently gather and define the data architecture requirements and ensure that the architectures are compatible and in compliance with the appropriate IT organization and project standards.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum five (5) years of experience with bachelor's degree OR minimum of three (3) years of experience with master's degree OR minimum eight (8) years of experience with no degree.

36. Cyber Security Analyst I

Functional Responsibility: Cyber Security Analyst I will be responsible for identifying, evaluating, and prioritizing potential security risks and vulnerabilities across the organization's information systems. They will work with other members of the security team to develop and implement risk management strategies, and to recommend appropriate mitigation measures. They will use various tools and techniques to conduct vulnerability assessments, and other security assessments. Cyber Security Analyst I performs more routine aspects of the position and is supervised by higher levels.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum three (3) years of experience with

bachelor's degree.

37. Cyber Security Analyst II

Functional Responsibility: The Cyber Security Analyst II will supervise Cyber Security Analyst I to keep computer information systems secure from interruption of service, network viruses, data mining, financial theft, and theft of sensitive customer data. This is accomplished through the systematic implementation of a cyber framework and process. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. They will also be responsible for documenting and communicating the results of their testing to technical and non-technical stakeholders, and for providing recommendations for remediation of identified vulnerabilities. The Cyber Security Analyst II performs more varied and difficult tasks compared to Level I yet has less autonomy than Level III.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum seven (7) years of experience with bachelor's degree.

38. Cyber Security Analyst III

Functional Responsibility: The Cyber Security Analyst III will supervise Cyber Security Analysts I and II to resolve highly complex issues preventing cyber-attacks. They will be responsible for documenting and communicating the results of their testing to technical and non-technical stakeholders, and for providing recommendations for remediation of identified vulnerabilities. The Cyber Security Analyst III designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum twelve (12) years of experience with bachelor's degree.

39. Cyber Security – Subject Matter (SME) Expert I

Functional Responsibility: The Cyber Security Subject Matter Expert I is responsible for understanding, articulating, and implementing the best practices for the area of expertise. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation, and implementation advice on moderately complex scientific, Cloud, and IT related problems. The SME I is responsible for defining business requirements and recommending a technical approach to meet those needs.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum five (5) years of experience with bachelor's degree.

40. Cyber Security – Subject Matter (SME) Expert II

Functional Responsibility: The Cyber Security Subject Matter Expert II is responsible for analyzing user needs to determine functional requirements and define problems and develop plans and requirements in the subject matter area for moderately complex to complex systems related to scientific, Cloud, and IT areas of expertise. The SME II oversees the development, testing and implementation of the technical solution and validates that the final product satisfies the defined requirements along with reviewing technical documentation, such as user guides, training manuals and system specifications, prior to distribution to end-users and ensures the subject area is accurately represented.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum ten (10) years of experience with bachelor's degree.

41. Cyber Security – Subject Matter (SME) Expert III

Functional Responsibility: The Cyber Security Subject Matter Expert III is responsible for providing technical, managerial, and administrative direction for problem definition, analysis, requirements development, and implementation for complex to extremely complex systems in the scientific, Cloud and IT infrastructure and software. The SME III will function as the project lead and supervising the SME I and II, along with making recommendations and advice on organization-wide system improvements, optimization, or maintenance efforts of the relevant area of expertise. Cyber Security SME IIIs will be the direct conduit between the relevant staff members at our organization and the client's organization.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum fifteen (15) years of experience with bachelor's degree.

42. Cyber Security Program Manager I

Functional Responsibility: The Cyber Security Program Manager I will monitor networks and report any anomalies, recommend a plan, and

deploy any remediations to address vulnerabilities. The Cyber Security Program Manager I will also coordinate security activities between the Information Systems division and other divisions and departments and responsible for internal cybersecurity audits, compliance, and remediation.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum five (5) years of experience with bachelor's degree.

43. Cyber Security Program Manager II

Functional Responsibility: The Cyber Security Program Manager II will ensure that the information/cyber security program and security awareness program is running in a consistent, professional and progressive manner, which requires much documentation, logistical coordination and follow-up along with taking the lead in coordinating security awareness efforts. Also handles logistics of scheduling working groups and other necessary meetings, assists in audits and compliance proofs for the security program, and supports security awareness events and efforts. Supports risk management efforts and documents identified gaps, remediation plans and acceptance criteria. Cyber Security Program Manager II will supervise Level I.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum eight (8) years of experience with bachelor's degree.

44. Cyber Security Program Manager III

Functional Responsibility: The Cyber Program Manager III has overall accountability for Cyber programs and will be responsible for product delivery and financial management of client engagements. They perform independent quality assurance reviews of program performance and deliverables to ensure that contractual obligations are being met. The Cyber Security Program Manager III is the central point of contact with the Contracting Officer, Contracting Officer's Representative and Task Managers. They are responsible for coordinating the management of all work performed on this contract, including subcontractors, team members, and vendors. They also plan and direct Information Assurance programs or projects (or a group of related Cybersecurity tasks) and assists in working with the government Contracting Officer, the COTR, government management personnel (CISO, ISSM), and client security representatives.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum ten (10) years of experience with bachelor's degree.

45. Cyber Security Engineer I

Functional Responsibility: The Cyber Security Engineer I performs all procedures necessary to ensure the safety of information systems and to protect systems from intentional or inadvertent access or destruction. Interfaces with user community to understand their security needs and implements procedures to accommodate them. Ensures that the user community understands and adheres to necessary procedures to maintain security. The Cyber Security Engineer I will have familiarity with domain structures, user authentication, and digital signatures and conducts accurate evaluations of the level of security required. Also understand the firewall theory and configuration along with being able to weigh business needs against security concerns and articulate issues to management.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum three (3) years of experience with bachelor's degree.

46. Cyber Security Engineer II

Functional Responsibility: The Cyber Security Engineer II will be responsible for strengthening the defensive posture and cyber defense operational readiness of IT enterprise. The Cyber Security Engineer II will support the development and deployment of organization-wide cyber security projects and assists with performing risk analysis and improving security and mitigating cyber risks.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum six (6) years of experience with bachelor's degree.

47. Cyber Security Engineer III

Functional Responsibility: The Cyber Security Engineer III is responsible for ensuring that day-to-day security is maintained for Information Systems. This includes vulnerability detection, verification, and mitigation in applications and databases via dynamic and static testing, building an Appstore of application security components. Ensures that the user community understands and adheres to necessary procedures to maintain security. The Cyber Security Engineer III is the conduit between ISSO and the Cyber Security Engineers I and II.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum ten (10) years of experience with bachelor's degree.

48. Cyber Security Data Specialist

Functional Responsibility: The Cyber Security Data Specialist is responsible for the planning, design, enforcement and audit of security policies and procedures which safeguard the integrity of and access to enterprise systems, files and data elements along with being responsible for acting on security violations and providing recommendations for adaptation of new technologies or policies. The Cyber Security Data Specialist evaluates and recommends security products, services and/or procedures to enhance productivity and effectiveness and oversees security awareness programs and provides education on security policies and practices.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum five (5) years of experience with bachelor's degree.

49. Penetration Tester I

Functional Responsibility: The Penetration Tester I will be responsible for identifying vulnerabilities in computer systems, networks, and applications. They will conduct penetration testing, vulnerability assessments, and other security assessments to identify weaknesses and potential risks to the organization's information systems. The Penetration Tester I will use various tools and techniques to simulate attacks and exploit vulnerabilities in a controlled manner. They will also work with other members of the security team to develop and implement security policies and procedures, and to provide recommendations for remediation of identified vulnerabilities. The Penetration Tester I will be responsible for documenting and communicating the results of their testing to technical and non-technical stakeholders. They will also stay up to date with emerging threats and security trends, and will participate in ongoing professional development to maintain their expertise in the field.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum three (3) years of experience with bachelor's degree.

50. Penetration Tester II

Functional Responsibility: The Penetration Tester II will be responsible for conducting advanced security assessments of computer systems, networks, and applications. They will use various tools and techniques to simulate attacks and exploit vulnerabilities in a controlled manner and will have a deep understanding of attack vectors, techniques, and procedures. The Penetration Tester II will also be responsible for researching and developing new attack methods and testing procedures to improve the effectiveness of the security testing program. They will be responsible for documenting and communicating the results of their testing to technical and non-technical stakeholders, and for providing guidance to junior members of the security team. They will stay up to date with emerging threats and security trends and will participate in ongoing professional development to maintain their expertise in the field.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum five (5) years of experience with bachelor's degree.

51. Penetration Tester III

Functional Responsibility: The Penetration Tester III will be responsible for leading advanced security assessments of computer systems, networks, and applications. They will have a deep understanding of attack vectors, techniques, and procedures, and will use various tools and techniques to simulate attacks and exploit vulnerabilities in a controlled manner. The Penetration Tester III will work with other members of the security team to develop and implement security policies and procedures, and to provide recommendations for remediation of identified vulnerabilities. They will also be responsible for researching and developing new attack methods and testing procedures to improve the effectiveness of the security testing program along with documenting and communicating the results of their testing to technical and non-technical stakeholders, and for providing guidance and mentoring to junior members of the security team. They will stay up to date with emerging threats and security trends and will participate in ongoing professional development to maintain their expertise in the field.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum eight (8) years of experience with bachelor's degree.

52. Cyber Network Security Engineer

Functional Responsibility: The Cyber Network Security Engineer is responsible for all aspects of network security including Network Mapping, Vulnerability Scanning, Phishing Assessments, Wireless Assessments, Web Application Assessment, Operating System Security Assessment (OSSA), Database Assessment and Penetration Testing - conducting and/or supporting authorized Penetration Testing on enterprise network assets.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum five (5) years of experience with bachelor's degree.

53. Cyber Security Managing Consultant

Functional Responsibility: Directs the Cybersecurity and IA teams in the delivery of information security, information security systems, and/or computer security requirements. Architects, assesses, develops, engineers and implements Cybersecurity solutions. Retrieves, gathers and organizes technical information about an organization's risks, vulnerabilities, and exposures within the existing security products, networks, applications, and programs. Develops, analyzes, and implements Cybersecurity architecture(s) as appropriate. Performs risk analysis assessments, conducts Cybersecurity governance and compliance services, develops analytical and technical reports as required. May be required to perform in one or more of the following areas: risk and vulnerability assessments; cyber hunting activities; conducting penetration testing and scanning; assessment of system security for compliance; security of computer network hardware; operating system utility/support software; disaster recovery; incident response and digital forensics; application assessment; vulnerability threat management; cloud security; contingency planning; social engineering; and the development of security policies and procedures. May be responsible for leading a team in performing these services.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum ten (10) years of experience with bachelor's degree.

54. Cyber Security Architect I

Functional Responsibility: The Cyber Security Architect I is responsible for designing, developing, and implementing enterprise-level cybersecurity solutions that align with the organization's overall business objectives and security strategy. They will collaborate with other technical teams to ensure that the organization's infrastructure and applications are secure and will work to develop and implement effective security policies, procedures, and controls. They will analyze and evaluate current and emerging cybersecurity threats and risks and will design and implement appropriate security measures to mitigate these risks. They will be responsible for overseeing the implementation of security technologies and tools, and for ensuring that these technologies are effectively integrated with the organization's infrastructure and applications.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum three (3) years of experience with bachelor's degree.

55. Cyber Security Architect II

Functional Responsibility: The Cyber Security Architect II is responsible for developing and implementing cybersecurity architectures and solutions that align with the organization's business objectives and technical infrastructure. They will provide strategic direction and leadership to the organization on all aspects of cybersecurity architecture, including system design, network security, application security, and data protection. They will also be responsible for identifying and mitigating cybersecurity risks, evaluating new cybersecurity technologies and tools, and developing recommendations for their adoption. The Cyber Security Architect II will supervise Level I.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum six (6) years of experience with bachelor's degree.

56. Cyber Security Architect III

Functional Responsibility: The Cyber Security Architect III is a senior-level position responsible for developing and implementing cybersecurity architectures and solutions that align with the organization's business objectives and technical infrastructure. They will provide strategic direction and leadership to the organization on all aspects of cybersecurity architecture, including system design, network security, application security, and data protection. They will work closely with senior management to develop and implement comprehensive cybersecurity strategies, policies, and programs that ensure the organization is compliant with all relevant laws, regulations, and industry best practices. They will also be responsible for identifying and mitigating cybersecurity risks, evaluating new cybersecurity technologies and tools, and developing recommendations for their adoption.

Education and Experience: BA or BS Degree in Computer Science or related discipline. Minimum ten (10) years of experience with bachelor's degree.

2. Maximum order. 54151S: \$500,000; 54151HEAL: \$500,000; 54151HACS: \$500,000; 511210: \$500,000, OLM: \$250,000

3. Minimum order. \$100.00

4. Geographic coverage (delivery area). 50 United States; District of Columbia; Puerto Rico

5. Point(s) of production 511210:

CromTec Cyber Solutions, Inc

3663 N. Sam Houston Parkway, Suite 600 Houston, TX 77032

6. Discount from list prices or statement of net price. Net prices set forth above.
7. Quantity discounts. None
8. Prompt payment terms. ½% 20 days from receipt of invoice or date of acceptance, whichever is later
9. Foreign items (list items by country of origin). None.
- 10a. Time of delivery. 1 day for 511210.
- 10b. Expedited Delivery. As negotiated with ordering agency and the contractor.
- 10c. Overnight and 2-day delivery. As negotiated with ordering agency and the contractor. 10d. Urgent Requirements. As negotiated with ordering agency and the contractor.
11. F.O.B. point(s). Destination.
- 12a. Ordering address. 20068 Forest Farm Ln Ashburn, VA 20147
- 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. 20068 Forest Farm Ln Ashburn, VA 20147
14. Warranty provision. None.
15. Export packing charges, if applicable. Not Applicable
16. Terms and conditions of rental, maintenance, and repair (if applicable). Not Applicable
17. Terms and conditions of installation (if applicable). Not Applicable
- 18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable). Not Applicable 18b. Terms and conditions for any other services (if applicable). Not Applicable
19. List of service and distribution points (if applicable). Not Applicable
20. List of participating dealers (if applicable). Not Applicable
21. Preventive maintenance (if applicable). Not Applicable
- 22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants). Not Applicable
- 22b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov/. www.dfusetech.com
23. Data Universal Number System (DUNS) number. 825437689
24. Contractor is registered in the SAM database. Current and valid.

Final Pricing:

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

SIN 54151S

Labor Category	Year 1
1. Data Architect	\$145.94
2. Technical Architect	\$153.31
3. Senior Software Engineer	\$151.28
4. Application Developer Level 1	\$82.26
5. Application Developer Level 2	\$106.90
6. Application Developer Level 3	\$116.67
7. Configuration/Change Manager	\$103.95
8. Database Administrator Level 1	\$97.59

9. Database Administrator Level 2	\$121.86
10. Information Security Specialist Level 1	\$152.22
11. Information Security Specialist Level 2	\$163.04
12. Information Security Specialist Level 3	\$182.39
13. Information Security Specialist Level SME	\$221.60
14. Program Manager	\$157.11
15. Project Manager	\$139.76
16. Systems Analyst Level 1	\$58.47
17. Systems Analyst Level 2	\$82.44
18. Systems Analyst Level 3	\$97.73
19. Tester and QA Analyst	\$83.86
20. Subject Matter Expert	\$157.11
21. Trainer	\$89.91
22. Documentation Analyst	\$83.86
23. Systems Administrator Level 1	\$73.15
24. Systems Administrator Level 2	\$122.17
25. Systems Administrator Level 3	\$136.83
26. Senior Accounting Analyst	\$131.45

SIN 54151HEAL

Labor Category	Year 1
Health IT Project Manager	\$122.17
Health IT Senior Systems Engineer	\$152.22
Health IT Senior Data Architect	\$161.26
Health IT Senior Software Engineer	\$161.26
Health IT Mid Level Software Engineer	\$136.83
Health IT Systems Administrator	\$97.73
Health IT Network Administrator	\$97.73
Health IT Subject Matter Expert	\$180.81
Health IT Senior Data Analyst	\$152.22

SIN 54151HACS

Labor Category	Year 1
Cyber Security Analyst I	104.62
Cyber Security Analyst II	140.83
Cyber Security Analyst III	169.00
Cyber Security – Subject Matter (SME) Expert I	120.72
Cyber Security – Subject Matter (SME) Expert II	160.96
Cyber Security – Subject Matter (SME) Expert III	201.19
Cyber Security Program Manager I	136.82
Cyber Security Program Manager II	156.93
Cyber Security Program Manager III	169.00
Cyber Security Engineer I	108.64
Cyber Security Engineer II	132.79
Cyber Security Engineer III	156.93
Cyber Security Data Specialist	112.67
Penetration Tester I	96.57
Penetration Tester II	120.72
Penetration Tester III	151.30
Cyber Network Security Engineer	118.31
Cyber Security Managing Consultant	173.03
Cyber Security Architect I	124.55
Cyber Security Architect II	146.47
Cyber Security Architect III	177.05

CEMS EndpointLock. https://www.cromtecgroup.com	Anti-keylogging protection for mobile, server, computer and IOT devices. A patented keystroke encryption software designed to protect sensitive information at the keystroke. Encrypts each keystroke at the point of data entry and re-routes that encrypted keystroke directly to the browser or desktop application. Acquired via end-user license	YR	\$44.33
CEMS EndpointLock https://www.cromtecgroup.com	Anti-keylogging protection for mobile, server, computer and IOT devices. A patented keystroke encryption software designed to protect sensitive information at the keystroke. Encrypts each keystroke at the point of data entry and re-routes that encrypted keystroke directly to the browser or desktop application. Acquired via a Software Development Kit	YR	\$21.16
CEMS Assessment https://www.cromtecgroup.com	Provides a precise view into the threat landscape of servers, workstations, endpoint and mobile devices. This enables you with enhanced visibility and tools to automate and prevent 99.7% of all known and unknown cyber threats	EA	\$4,534.01
CEMS Desktop. https://www.cromtecgroup.com	A computer based application that combines detection and response enabled security operations capabilities such as, root cause analysis and prevention automation for Malware and other cyber intrusions.	MO	\$49.87
CEMS Mobile. https://www.cromtecgroup.com	A mobile agent designed to identify and respond to Mobile security vulnerabilities, including the prevention of most mobile cyber threats. Provides a constant endpoint monitoring against global risks, alerts and customer vulnerabilities	MO	\$49.87

VAST OS 1 Stream https://reticulate.io/vast/	Standalone Software-based Video Encoder. VAST OS reads audio and video content and encodes it into ones and zeros that appropriate digital hardware will then unencode into audio and video content that people can see and hear.	EA	\$2,525.85
VAST OS 2 Streams https://reticulate.io/vast/	Standalone Software-based Video Encoder. VAST OS reads audio and video content and encodes it into ones and zeros that appropriate digital hardware will then unencode into audio and video content that people can see and hear.	EA	\$4,166.16
VAST OS 4 Streams https://reticulate.io/vast/	Standalone Software-based Video Encoder. VAST OS reads audio and video content and encodes it into ones and zeros that appropriate digital hardware will then unencode into audio and video content that people can see and hear.	EA	\$7,448.89

VAST OS 8 Streams https://reticulate.io/vast/	Standalone Software-based Video Encoder. VAST OS reads audio and video content and encodes it into ones and zeros that appropriate digital hardware will then unencode into audio and video content that people can see and hear.	EA	\$14,017.73
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Service Contract Labor Standards: The Service Contract Labor Standards (SCLS), formerly known as the Service Contract Act (SCA), is applicable to this contract as it applies to the entire Professional Services Schedule (PSS)Schedule and all services provided. While no specific labor categories have been identified as being subject to SCLS/SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CFR 541.300), this contract still maintains the provisions and protections for SCLS/SCA eligible labor categories. If and / or when the contractor adds SCLS/SCA labor categories to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCLS/SCA matrix identifying the GSA labor category titles, the occupational code, SCLS/SCA labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.