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through People, Process and Technology

GENERAL SERVICES ADMINISTRATION
Federal Supply Service
Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu-driven database system. The INTERNET address GSA Advantage!® is: GSAAdvantage.gov.

**GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT,
SOFTWARE AND SERVICES**

Contract Number: GS-35F-0389V
Contract Period: April 24, 2014 - April 23, 2019

VariQ Corporation
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Rockville, MD 20852
Phone: 202-808-7338
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Contract Administration Source: Tom Edson
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Business Size: SBA Certified Small Disadvantaged business, SBA Certified HUBZone Firm

FSC/PSC Codes: D301, D302, D306, D307, D308, D310, D311, D313, D316, D317, D399

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

CUSTOMER INFORMATION

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

Special Item Number (SIN)	SIN Description	Description Page	Awarded Price Page
132-51 /RC/STLOC	IT Professional Services	7-28	29-32
132-45A /RC/STLOC	Penetration Testing	35-49	50-53
132-45B /RC/STLOC	Incident Response	35-49	50-53
132-45C /RC/STLOC	Cyber Hunt	35-49	50-53
132-45D /RC/STLOC	Risk & Vulnerability Assessments	35-49	50-53
132-56 /RC/STLOC	Health IT Services	56-77	78-81

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply:

N/A

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

See pages 7-28, 35-49, and 56-77

2. Maximum Order

\$500,000

3. Minimum Order

\$100

4. Geographic Coverage:

Domestic

5. Point(s) of Production

US

6. Discount from list prices or statement of net price:

Prices Shown Herein are Net (discount deducted).

7. Quantity discounts:

None

8. Prompt payment terms:

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

9a. Government Purchase Cards

Government Purchase cards **are accepted** at or below the micro-purchase threshold.

9b. Government Purchase Cards

Government Purchase cards **are accepted** above the micro-purchase threshold.

10. Foreign Items:

None

11a. Time of Delivery:

As Negotiated between the Contractor and the Ordering Activity

11b. Expedited Delivery:

As Negotiated between the Contractor and the Ordering Activity

11c. Overnight and 2-day delivery:

Contact Contractor

11d. Urgent Requirements

Please note the Urgent Requirements clause of this contract and contact Contractor

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

Destination

13a. Ordering Address(es)

VariQ Corporation
Attn: GSA Orders
2600 Tower Oaks Blvd Suite 300
Rockville, MD 20852
gsa-orders@variq.com
Fax: 202-318-7510

13b. Ordering procedures:

For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs) are found in Federal Acquisition Regulation (FAR) 8.405-3.

14. Payment address(es)

VariQ Corporation
Attn: Accounts Receivable
2600 Tower Oaks Blvd Suite 300
Rockville, MD 20852

15. Warranty provision

N/A

16. Export packing charges, if applicable

N/A

17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase threshold)

Government Purchase cards **are accepted** above the micro-purchase threshold.

18. Terms and conditions of rental, maintenance, and repair (if applicable)

N/A

19. Terms and conditions of installation (if applicable)

N/A

20. Terms and conditions of repair parts indicating date of parts price list and any discounts from list prices (if applicable)

N/A

20a. Terms and conditions for any other services (if applicable)

N/A

21. List of service and distribution points (if applicable)

N/A

22. List of participating dealers (if applicable)

N/A

23. Preventive maintenance (if applicable)

N/A

24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants)

N/A

24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: [www.Section 508.gov/](http://www.Section508.gov/)

25. Data Universal Number System (DUNS) Number

190899901

26. System for Award Management (SAM) registration

VariQ Corporation **is registered** in the System for Award Management (SAM) Database

**TERMS AND CONDITIONS APPLICABLE TO
INFORMATION TECHNOLOGY (IT)
PROFESSIONAL SERVICES (SPECIAL ITEM
NUMBER 132-51)**

1. SCOPE

- a) The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT Professional Services within the scope of this Information Technology Schedule.
- b) The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

**2. PERFORMANCE INCENTIVES I-FSS-60
Performance Incentives (April 2000)**

- a) Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract.
- b) The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.
- c) Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

3. ORDER

- a) Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.

- b) All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

4. PERFORMANCE OF SERVICES

- a) The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.
- b) The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.
- c) The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.
- d) Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

**5. STOP-WORK ORDER (FAR 52.242-15) (AUG
1989)**

- a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either:
 - 1) Cancel the stop-work order; or
 - 2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.
- b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting

Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

- 1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
- 2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.
- c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.
- d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

6. INSPECTION OF SERVICES

In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I OCT 2008) (DEVIATION I – FEB 2007) applies to Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

7. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Dec 2007) Rights in Data – General, may apply.

8. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT Services.

9. INDEPENDENT CONTRACTOR

All IT Professional Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

10. ORGANIZATIONAL CONFLICTS OF INTEREST

a) Definitions.

“Contractor” means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

“Contractor and its affiliates” and “Contractor or its affiliates” refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An “Organizational conflict of interest” exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor’s or its affiliates’ objectivity in performing contract work.

b) To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

11. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for IT Professional services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

12. PAYMENTS

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition. As prescribed in 16.601(e)(3), insert the following provision:

- a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.
- b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—
 - (1) The offeror;
 - (2) Subcontractors; and/or
 - (3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

13. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

14. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

15. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

16. DESCRIPTION OF IT PROFESSIONAL SERVICES AND PRICING

- a) The Contractor shall provide a description of each type of

IT Service offered under Special Item Numbers 132-51 IT Professional Services should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

- b) Pricing for all IT Professional Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices, minimum general experience and minimum education.

The following is an example of the manner in which the description of a commercial job title should be presented:

EXAMPLE: Commercial Job Title: System Engineer

Minimum/General Experience: Three (3) years of technical experience which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices.

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies.

Minimum Education: Bachelor's Degree in Computer Science

Please see pages 7-28.

SIN 132-51/RC/STLOC LABOR CATEGORIES AND DESCRIPTIONS:

The following table demonstrates the equivalent years of experience required to substitute for education requirement.

Degree Required	Equivalent Years of Experience Needed
Associate's Degree	3
Bachelor's Degree	6
Master's Degree	8
PhD/Professional License	10

Applications Systems Analyst/Programmer (Senior)

Qualifications: Minimum four (4) years of computer experience working independently or under general direction on complex application problems involving all phases of systems analysis with three (3) years of experience in analysis and design of business applications for complex large-scale or mid-tier computer systems, or LANbased systems, to include experience in database management systems (DBMS), and use of programming languages. Knowledge of current storage and retrieval methods and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs plus two (2) years of general experience supervising personnel performing software development tasks.

Functional Responsibility: Provides high level expertise in developing complex software applications involving new technologies, methods, concepts or approaches. Provides supervisory, technical, and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and user standards, and for progress in accordance with schedules.

Education: M.A. /M.S. degree or equivalent experience in related field.

Applications Systems Analyst/Programmer (Intermediate)

Qualifications: Minimum three (3) years of computer experience in information systems design and management. Must demonstrate an ability to work independently or under general direction on requirements that are moderately complex to analyze, plan, program, and implement. Including two (2) years of experience in analysis and design of business application for complex large-scale or mid-tier computer or LAN-based systems, including experience in DBMS, and use of programming languages. Knowledge of current storage and retrieval methods; one (1) year of systems analysis experience designing technical applications on computer systems; and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs.

Functional Responsibility: Analyzes business or scientific problems for resolution through electronic data processing. Gathers information from users, defines work problems, and, if feasible, designs a system of computer programs and procedures to resolve the problems. Develops complete specifications or enable Computer Programmers to prepare required programs; analyzes subject-matter operations to be automated; specifies number and types of records, files, and documents to be used and outputs to be produced; prepares work diagrams and data flow charts; coordinates tests of the system and participates in trial runs of new and revised systems; and recommends computer equipment changes to obtain more effective operations. The Applications Systems Analyst/Programmer (Intermediate) may also write computer programs. Provides development

services for moderately complex applications using standard approaches or less complex systems using new approaches. Works on a segment of a complex data processing scheme or broad system.

Education: B.A. /B.S. degree or equivalent experience in a related field.

Applications Systems Analyst/Programmer (Junior)

Qualifications: Minimum one (1) year of computer experience in assignments of a technical nature working under close supervision and direction and experience in analyzing and programming application on large-scale or midtier computers (or LAN-based) with experience in the design and programming of moderately complex ADP systems. Education can be substituted for experience.

Functional Responsibility: Analyzes business or scientific problems for resolution through electronic data processing. Gathers information from users, defines work problems, and, if feasible, designs a system of computer programs and procedures to resolve the problems. Under supervision develops complete specifications or enable Computer Programmers to prepare required programs; analyzes subject-matter operations to be automated; specifies number and types of records, files, and documents to be used and outputs to be produced; prepares work diagrams and data flow charts; coordinates tests of the system and participates in trial runs of new and revised systems; and recommends computer equipment changes to obtain more effective operations. The Applications Systems Analyst/Programmer (Junior) may also be called upon to write computer programs. Provides entry level systems development support using standard approaches and several phases of the required systems analysis where the nature of the system is predetermined. Uses established fact-finding approaches, knowledge of pertinent work processes and procedures, and familiarity with related computer programming practices, system software, and computer equipment.

Education: B.A. /B.S. degree or equivalent experience in a related field.

Budget/Financial Analyst (Senior)

Qualifications: Six (6) years.

Functional Responsibility: Duties include, but are not limited to, evaluation and recommendation of products and services. Possesses detail understanding and training in applicable finance and accounting administration practices and tools for the specific project and environment (e.g. Quickbooks, Deltek Cobra, GCS Premier, etc).

Follows statutory requirements to assist in budget formulation, execution, analysis, problem resolution, program build briefings, and development of budget descriptions and justifications. Prepares independent cost estimates, develops life-cycle cost estimates and analyses, and performs cost benefit and economic evaluations. Collects cost and technical data, develops cost estimating methods to include modeling and statistical analysis and develops cost instructions and policies/procedures. Experience providing management and support in the areas of budget, billing, reporting, and financial management for IT initiatives preferred.

Education: Bachelor's Degree

Budget/Financial Analyst (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Duties include, but are not limited to, evaluation and recommendation of products and services. Possesses detail understanding and training in applicable finance and accounting administration practices and tools for the specific project and environment (e.g. Quickbooks, Deltek Cobra, GCS Premier, etc).

Follows statutory requirements to assist in budget formulation, execution, analysis, problem resolution, program build briefings, and development of budget descriptions and justifications. Prepares independent cost estimates, develops life-cycle cost estimates and analyses, and performs cost benefit and economic evaluations. Collects cost and technical data, develops cost estimating methods to include modeling and statistical analysis and develops cost instructions and policies/procedures. Experience providing management and support in the areas of budget, billing, reporting, and financial management for IT initiatives preferred.

Education: Bachelor's Degree

Budget/Financial Analyst (Junior)

Qualifications: Two (2) years experience in providing support in the areas of budget, billing, reporting, and financial management for IT initiatives. Duties include, but are not limited to, evaluation and recommendation of products and services. Possesses detail understanding and training in applicable finance and accounting administration practices and tools for the specific project and environment (e.g. Quickbooks, Deltek Cobra, GCS Premier, etc).

Functional Responsibility: Follows statutory requirements to assist in budget formulation, execution, analysis, problem resolution, program build briefings, and development of budget descriptions and justifications. Prepares independent cost estimates, develops life-cycle cost estimates and analyses, and performs cost benefit and economic evaluations. Collects cost and technical data, develops cost estimating methods to include modeling and statistical analysis and develops cost instructions and policies/procedures.

Education: Bachelor's Degree or equivalent in Business Administration, Finance, Accounting.

Business Analyst (Senior)

Qualifications: Six (6) years experience in providing support in a related field.

Functional Responsibility: Assembles, prepares, and analyzes data for studies, statistical models, evaluations, system requirements, and other needs. Uses technical discretion within defined practices and policies in selecting methods and techniques for determining approaches or obtaining solutions. Assembles, prepares, and analyzes data. Provides technical advice and operating assistance in interpreting results. Provides input or may prepare technical reports based on the expert interpretation of analyzed data.

Education: Bachelor's Degree. Four (4) years of additional experience may substitute for bachelor's degree.

Business Analyst (Intermediate)

- Qualifications:* Four (4) years experience in providing support in a related field.
- Functional Responsibility:* Assembles, prepares, and analyzes data for studies, statistical models, evaluations, system requirements, and other needs. Uses technical discretion within defined practices and policies in selecting methods and techniques for determining approaches or obtaining solutions. Assembles, prepares, and analyzes data. Provides technical advice and operating assistance in interpreting results. Provides input or may prepare technical reports based on the expert interpretation of analyzed data.
- Education:* Bachelor's Degree. Four (4) years of additional experience may substitute for bachelor's degree.

Business Analyst (Junior)

- Qualifications:* One (1) year
- Functional Responsibility:* Assembles, prepares, and analyzes data for studies, statistical models, evaluations, system requirements, and other needs. Uses technical discretion within defined practices and policies in selecting methods and techniques for determining approaches or obtaining solutions. Assembles, prepares, and analyzes data. Provides technical advice and operating assistance in interpreting results. Provides input or may prepare technical reports based on the expert interpretation of analyzed data. Experience providing support in a related field preferred.
- Education:* Bachelor's Degree

Business Subject Matter Expert

- Qualifications:* Minimum 10+ years experience. Confers with client management to understand the client's strategic information technology business goals and information technology strategy. Analyzes client requirements and recommends development or acquisition strategies. Assists clients in developing strategic plans and concepts. Advises client on the impact of new legislation or new technologies that are relevant to their agency. Demonstrates superior oral and written communication skills
- Functional Responsibility:* Bachelor's Degree* in Computer Science, Engineering, or Information Technology or equivalent experience/certifications.
- Education:* Bachelor's Degree or equivalent industry experience and certifications.

Configuration Management Specialist (Senior)

- Qualifications:* Six (6) years
- Functional Responsibility:* Manages staff and regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Provides configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Experience in configuration management and control preferred.
- Education:* Bachelor's degree

Configuration Management Specialist (Intermediate)

Qualifications: Three (3) years

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

Education: Bachelor's degree

Configuration Management Specialist (Junior)

Qualifications: Zero (0) years

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

Education: Associate's degree

Cybersecurity Engineer (Senior)

Qualifications: Eight (8) years

Functional Responsibility: Provides functional expertise in defining security requirements and developing security solutions for information protection. Defines and develops security policies and processes related to the protection of sensitive or classified information. Designs, develops, engineers and implement solutions to protection of sensitive or classified information. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in defining security programs or processes for the protection of sensitive or classified information. Experience in one or more systems and architectures and associated hardware: mainframe, mini, or client/server based preferred. Experience in systems analysis and programming preferred.

Education: Bachelor's degree

Cybersecurity Engineer (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides functional expertise in defining security requirements and developing security solutions for information protection. Defines and develops security policies and processes related to the protection of sensitive or classified information. Designs, develops, engineers and implement solutions to protection of sensitive or classified information. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in one or more systems and associated hardware: mainframe, mini, or client/server based preferred.

Experience in systems analysis and programming preferred.

Education: Bachelor's degree

Cybersecurity Engineer (Junior)

Qualifications: One (1) year

Functional Responsibility: Provides functional support in defining security requirements and developing security solutions for information protection. Designs, develops, engineers and implement solutions to protection of sensitive or classified information. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in systems analysis and programming preferred.

Education: Bachelor's degree

Database Specialist (Principal)

Qualifications: Ten (10) years of experience in the development and maintenance of database management systems-and database management systems design, system analysis, and development. Experience in current operating internals and database management systems. Experience in all phases of the software-development life cycle.

Functional Responsibility: Lead teams in the database design and implementation process. Develop and test logical and physical database designs. Review logical and physical designs of existing databases and perform tuning, in coordination with the senior database engineer, to ensure maximum operating efficiency. Perform data analysis, database design, development activities, and implementation, as directed, for databases and database conversions. Perform database-restructuring activities. Work with users and information systems development staff to determine data storage and access requirements.

Education: Bachelor's Degree or equivalent in Electrical Engineering, Mechanical Engineering, Computer Science, Management Information Systems, Systems Engineering or Electrical Engineering Technology.

Database Specialist (Senior)

Qualifications: Seven (7) years of experience in the development and maintenance of database management systems-and database management systems design, system analysis, and development. Experience in current operating internals and database management systems. Experience in all phases of the software-development life cycle.

Functional Responsibility: Develop and test logical and physical database designs. Review logical and physical designs of existing databases and perform tuning, in coordination with the senior database engineer, to ensure maximum operating efficiency. Perform data analysis, database design, development activities, and implementation, as directed, for databases and database conversions. Perform database-restructuring activities. Work with users and information systems development staff to determine data storage and access requirements.

Education: Bachelor's Degree or equivalent in Electrical Engineering, Mechanical Engineering, Computer

Science, Management Information Systems, Systems Engineering or Electrical Engineering Technology.

Database Specialist (Intermediate)

Qualifications: Four (4) years experience in providing technical expertise and guidance in the definition, control, integrity, operations, and management of database management systems. Duties include, but are not limited to, evaluation and recommendation of products and services. Possesses detail understanding and training in applicable database administration practices and tools for the specific project and environment (e.g. MS Access™, MS SQL Server™, Oracle™, etc).

Functional Responsibility: Guide the development and management of database system development projects. Provide technical expertise and guidance in the logical and physical database design, development, transition, operation, and maintenance of database management systems. Conduct management studies and define data requirements. Evaluate the data processing techniques, database management, and management information system concepts and applications as they relate to customer information needs and goals. Define all required database administration policies, procedures, standards, and guidelines.

Education: Bachelor's Degree or equivalent in Business Administration, Computer Science, Engineering, Management Information Systems, or Mathematics.

Database Specialist (Junior)

Qualifications: At a minimum should have relevant work experience within the last three (3) years in current database management systems technologies, application design utilizing various database management systems, and experience with database management systems internals. Experience should demonstrate the ability to meet the duties described below.

Functional Responsibility: Acts as a project member in the design and installation of database applications. Ensures appropriate linkages to existing databases and data processing systems. Ensures adequate security and recovery procedures are included in all data base designs. Directs the training of user groups in the protocols involved in updating and accessing the database. Monitors database transactions to ensure correct usage of the database. Provides technical expertise on the database system to user and data processing personnel.

Education: Bachelor's Degree or equivalent in Business Administration, Computer Science, Engineering, Management Information Systems, or Mathematics. Or equivalent experience in a related field.

Enterprise Architect

Qualifications: Ten (10) years of experience in the development and maintenance of systems, Integration Tier, Security, Standards compliance, business activity monitoring, systems design, system analysis, and development. Experience in defining and implementing a systems architecture using a combination of COTS processing, networking and data storage components into an embedded solution.

Functional Responsibility: Provides high-level architectural expertise to managers and technical staff. Develops architectural products and deliverables for the enterprise and operational business lines. Develops strategy of system and the design infrastructure necessary to support that strategy. Advises on selection of technological purchases with regards to processing, data storage, data access, and applications development. Sets standards for the client/server relational structure for the organization (SQL, ORACLE, SYBASE, etc.). Advises of feasibility of potential future

projects to management.

Education: Bachelor's Degree or equivalent in Electrical Engineering, Mechanical Engineering, Computer Science, Management Information Systems, Systems Engineering or Electrical Engineering Technology.

Helpdesk Specialist (Senior)

Qualifications: Minimum six (6) years experience. Including three (3) year of experience includes knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and work on a help desk. Demonstrated ability to communicate orally and in writing and a positive customer service attitude.

Functional Responsibility: Leads helpdesk and support team and facilitates higher level support. Provides phone and in-person oversight support to users in the areas of e-mail, directories, standard Windows desktop applications, and other applications. May serve as the follow on point of contact for troubleshooting network applications, and hardware/software PC and printer problems.

Education: BS/BA or appropriate experience. Two (2) years experience is equivalent to one (1) year of education (i.e. four (4) years experience is equivalent to an Associate's degree.)

Helpdesk Specialist (Intermediate)

Qualifications: Minimum four (4) years experience. Including one (1) year of experience includes knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and work on a help desk. Demonstrated ability to communicate orally and in writing and a positive customer service attitude.

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

Education: BS/BA or appropriate experience. Two (2) years experience is equivalent to one (1) year of education (i.e. four (4) years experience is equivalent to an Associate's degree.)

Helpdesk Specialist (Junior)

Qualifications: Minimum two (2) years experience. Including one (1) year of experience includes knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and work on a help desk. Demonstrated ability to communicate orally and in writing and a positive customer service attitude.

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

Education: A.A. /A.S. degree in related field. Two (2) years experience is equivalent to one (1) year of education (i.e. four (4) years experience is equivalent to an Associate's degree.)

Information Assurance/Security Specialist (Senior)

Qualifications: A Information Security Specialist has at least six (6) years of total experience and at least two (2) years specialized project experience or formal training.

Functional Formulates and assesses I/T security policy to include business impact. Prepares security plans

Responsibility: for employing enterprise-wide security architecture to include the design of cryptographic solutions. Develops integrated security services management. Executes security awareness training. Assesses and audits network penetration testing anti virus planning assistance, risk analysis and incident response. Provides security engineering support for application development (including system security certifications and project evaluations). This may include the development, design and implementation of firewalls, and evaluation, review and test of security code. Experience with several architectures and platforms in an integrated environment.

Education: Master's Degree in related discipline or equivalent. Six (6) years of general experience is considered equivalent to a Master's Degree.

Information Assurance/Security Specialist (Intermediate)

Qualifications: A Information Security Specialist Intermediate has at least four (4) years of total experience and at least two (2) years specialized project experience or formal training.

Functional Responsibility: Formulates and assesses I/T security policy to include business impact. Prepares security plans for employing enterprise-wide security architecture to include the design of cryptographic solutions. Develops integrated security services management. Executes security awareness training. Assesses and audits network penetration testing anti virus planning assistance, risk analysis and incident response. Provides security engineering support for application development (including system security certifications and project evaluations). This may include the development, design and implementation of firewalls, and evaluation, review and test of security code. Experience with several architectures and platforms in an integrated environment.

Education: Bachelor's Degree in related discipline or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.

Information Assurance/Security Specialist (Junior)

Qualifications: A Information Security Specialist Junior has from one (1) to three (3) years of total experience and at least six (6) months specialized project experience or formal training.

Functional Responsibility: Formulates and assesses I/T security policy to include business impact. Prepares security plans for employing enterprise-wide security architecture to include the design of cryptographic solutions. Develops integrated security services management. Executes security awareness training. Assesses and audits network penetration testing anti virus planning assistance, risk analysis and incident response. Provides security engineering support for application development (including system security certifications and project evaluations). This may include the development, design and implementation of firewalls, and evaluation, review and test of security code. Experience with several architectures and platforms in an integrated environment. Significant knowledge of the field and the ability to work independently on typical assignments.

Education: Bachelor's Degree in related discipline or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.

Microsoft Consulting Services SME II

Qualifications: Minimum 9+ years experience in expertise in Microsoft services as well as business solutions deployment for professional service companies including consulting, IT service, architecture, engineering, or other project-centric organizations. Expert in Microsoft specific software such

as SharePoint, Exchange, Skype, Active Directory, and others.

- Functional Responsibility:* This individual will have familiarity with Microsoft in one or more of the following areas: Microsoft Solutions Framework, product futures, and relevant Certified Training in infrastructure and/or development areas associated with Microsoft's products.
- Education:* Bachelor's Degree or equivalent industry experience and certifications.

Microsoft Consulting Services SME I

- Qualifications:* Minimum 7+ years experience in expertise in Microsoft services as well as business solutions deployment for professional service companies including consulting, IT service, architecture, engineering, or other project-centric organizations. Expert in Microsoft specific software such as SharePoint, Exchange, Skype, Active Directory, and others.
- Functional Responsibility:* This individual will have familiarity with Microsoft in one or more of the following areas: Microsoft Solutions Framework, product futures, and relevant Certified Training in infrastructure and/or development areas associated with Microsoft's products.
- Education:* Bachelor's Degree or equivalent industry experience and certifications.

Network Engineer (Senior)

- Qualifications:* Requires expert knowledge of LAN/WAN systems, networks, and applications. Requires six years of experience.
- Functional Responsibility:* Assists in the development and maintenance of network communications. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. May require a bachelor's degree and at least 6 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager.
- Education:* Bachelor's Degree in Computer Science or equivalent experience.

Network Engineer (Intermediate)

- Qualifications:* Three (3) years
- Functional Responsibility:* Assists in the development and maintenance of network communications. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager. Network engineering experience and knowledge of LAN/WAN systems, networks, and applications preferred.
- Education:* Bachelor's degree

Network Engineer (Junior)

Qualifications: Relative experience in performing a variety of networks engineering tasks, which are broad in nature

Functional Responsibility: Under supervision performs a variety of network engineering tasks which are broad in nature and are concerned with the design and implementation of integrated networks, including personal, hardware, software and support facilities and/or equipment. Installs; configures and maintains software in a client/server networked environment. Installs local area networks (LANs) as well as wide area networks (WANs.) Selects, orders and installs equipment at Customer field sites. This activity includes the installation of infrastructure and equipment, operating systems and user software, as well as maintenance and exercise support. Installs infrastructures including routers, hubs, and interconnections. Assists in providing technical documentation to support installation activities. Assists with Customer on-site surveys. Participates in the preparation of drawings and reports documenting and recording on-site activities. Interfaces with customers, end users and team members for site activities as directed. Performs systems checkout/test and introductory training as required. Perform trips to customer sites for installations, surveys and audits.

Education: Bachelor's Degree and 2 years of general experience. 6 years of general experience can be supplemented for a Bachelor's Degree.

Program Manager (Principal)

Qualifications: Twelve (12) years of experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects and at least ten (10) years of technical experience in software engineering, Management information systems, and/or information security engineering or related program capacity.

Functional Responsibility: Responsible for the performance of programs, projects, or subsystems of major programs or projects. Directs all phases of programs/projects from inception through completion. Coordinates the preparation of project plans, milestones, and operating budgets. Acts as primary customer contact for program activity, leading program review sessions with customer to discuss cost, schedule and technical performance. Establishes design concepts, criteria and engineering efforts for product research, development integration and test. Establishes milestones and monitors adherence to master plans and schedules. Identifies program problems and obtain solutions. Directs the work of technical, analytical, architectural and administrative assignments to the project or program.

Education: Master's Degree or equivalent experience in Electrical Engineering, Mechanical Engineering, Computer Science, Management Information Systems, Systems Engineering, Electrical Engineering Technology, or program-related Masters.

Program Manager (Senior)

Qualifications: Eight (8) years of experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects and at least ten (10) years of technical experience in a software engineering, Management information systems, and/or information security engineering or related program capacity.

Functional Responsibility: Consults with the client to ensure conformity to project and contractual obligations for, but not limited to, IT projects/initiatives. Must be familiar with all phases of the systems development life cycle (i.e., identification, design, development, implementation, & maintenance of automated systems.) Oversees the analysis, design and development of new systems and system enhancements. Approves documentation standards, system specifications, feasibility and justification reports, and policy recommendations. Oversees the development and

installation of techniques and procedures to implement policy decisions with regard to organizational structures, program evaluation and productivity improvements.

Establishes and maintains technical and financial reports in order to show progress of projects to management and customers. Organizes and assigns responsibilities to subordinates and oversees the successful completion of all assigned IT tasks. Ensures the development, maintenance and implementation of Program Management Plans and Technical Specifications Plan; documents that guide the performance of all functional and technical activities performed. Ensures that maximum service is obtained from all operations through efficient use of personnel and equipment. Simultaneously plans and manages diverse and highly technical projects. Responsible for leading and performing IT training of line personnel on the project approach, techniques, software, hardware, etc.

Education: Bachelor's Degree in an associated discipline.

Program Manager (Intermediate)

Qualifications: Six (6) years

Functional Responsibility: Consults with the client to ensure conformity to project and contractual obligations for, but not limited to, IT projects/initiatives. Must be familiar with all phases of the systems development life cycle (i.e., identification, design, development, implementation, & maintenance of automated systems.) Oversees the analysis, design and development of new systems and system enhancements. Approves documentation standards, system specifications, feasibility and justification reports, and policy recommendations. Oversees the development and installation of techniques and procedures to implement policy decisions with regard to organizational structures, program evaluation and productivity improvements.

Establishes and maintains technical and financial reports in order to show progress of projects to management and customers. Organizes and assigns responsibilities to subordinates and oversees the successful completion of all assigned IT tasks. Ensures the development, maintenance and implementation of Program Management Plans and Technical Specifications Plan; documents that guide the performance of all functional and technical activities performed. Experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects preferred.

Education: Bachelor's Degree

Program Manager (Junior)

Qualifications: Four (4) years of experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects and at least four (4) years of technical experience in a software engineering, Management information systems, and/or information security engineering or related program capacity.

Functional Responsibility: Consults with the client to ensure conformity to project and contractual obligations for, but not limited to, IT projects/initiatives. Must be familiar with all phases of the systems development life cycle (i.e., identification, design, development, implementation, & maintenance of automated systems.) Oversees the analysis, design and development of new systems and system enhancements. Approves documentation standards, system specifications, feasibility and justification reports, and policy recommendations. Oversees the development and installation of techniques and procedures to implement policy decisions with regard to organizational structures, program evaluation and productivity improvements.

Establishes and maintains technical and financial reports in order to show progress of projects to management and customers. Organizes and assigns responsibilities to subordinates and oversees the successful completion of all assigned IT tasks. Ensures the development,

maintenance and implementation of Program Management Plans and Technical Specifications Plan; documents that guide the performance of all functional and technical activities performed. Ensures that maximum service is obtained from all operations through efficient use of personnel and equipment. Simultaneously plans and manages diverse and highly technical projects. Responsible for leading and performing IT training of line personnel on the project approach, techniques, software, hardware, etc.

Education: Bachelor's Degree in an associated discipline.

Quality Assurance Manager

Qualifications: Eight (8) years

Functional Provides management and oversight of quality assurance and quality control activities.

Responsibility: Performs development of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. Provides independent assessment of how the project's development and implementation process is compliant with the defined process, and recommends methods to optimize the organization's process. Responsible for all activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in quality assurance or quality control preferred.

Education: Bachelor's degree

Quality Assurance Specialist (Senior)

Qualifications: Six (6) years

Functional Provides development of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. Provides independent assessment of how the project's development and implementation process is compliant with the defined process, and recommends methods to optimize the organization's process. May be responsible for all activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in quality assurance or quality control preferred.

Education: Bachelor's degree

Quality Assurance Specialist (Intermediate)

Qualifications: Four (4) years

Functional Provides execution of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. Provides independent assessment of how the project's development and implementation process is compliant with the defined process, and recommends methods to optimize the organization's process. May be responsible for all activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in quality assurance or quality control preferred.

Education: Bachelor's degree

Quality Assurance Specialist (Junior)

Qualifications: Zero (0) years

Functional Responsibility: Provides execution of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. With oversight responsible for activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in project or quality review and assessment preferred.

Education: Associate's degree

Security Analyst (Senior)

Qualifications: Seven (7) years

Functional Responsibility: Provides technical expertise determining enterprise information assurance and cyber security standards. Develops and implements information assurance/security standards and procedures. Coordinates, develops, and evaluates security programs. Recommends information assurance/security solutions to support customers' requirements. Identifies, reports, and resolves cyber security violations. Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in functional and systems analysis and requirements analysis in a specialized IT area preferred.

Education: Bachelor's degree

Security Analyst (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides technical expertise determining information assurance and cyber security standards. Develops and implements information assurance/security standards and procedures. Recommends information assurance/security solutions to support customers' requirements. Identifies, reports, and resolves cyber security violations. Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in functional and systems analysis and requirements analysis in a specialized IT area preferred.

Education: Bachelor's degree

Security Analyst (Junior)

Qualifications: One (1) year

Functional Responsibility: Recommends information assurance/security solutions to support customers' requirements. Identifies, reports, and resolves cyber security violations. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in functional and systems analysis preferred.

Education: Associate's degree

SharePoint Architect/Developer

Qualifications: Five (5) years

Functional Responsibility: Designs and develops SharePoint systems to accomplish functions in an optimum manner. Develops plans for systems from project inception to completion. Analyzes the problem and the information to be processed and defines the solution. Designs and builds user interfaces for SharePoint sites using a variety of techniques, and tools. Ensures that the "look and feel" supports the organization's strategies and goals and facilitates user interaction with the system. SharePoint Development experience preferred.

Education: Bachelor's degree

Software Development Engineer (Principal)

Qualifications: Eight (8) years

Functional Responsibility: Provides supervisory technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Analyzes requirements for computer capabilities and determining system functions. Coordinates with Contractor Program Manager and Government Project Manager to ensure problem solution and user satisfaction. Prepares and delivers presentations on the system concept to colleagues, subordinates and user representatives. Systems analysis/programming experience preferred.

Education: Master's degree

Software Development Engineer (Senior)

Qualifications: Six (6) years

Functional Responsibility: Provides supervisory technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Analyzes requirements for computer capabilities and determining system functions. Coordinates with Contractor Program Manager and Government Project Manager to ensure problem solution and user satisfaction. Prepares and delivers presentations on the system concept to colleagues, subordinates and user representatives. Systems

analysis/programming experience preferred. Independent analysis/programming experience, with complete responsibility for tasks involving analysis, programming and implementation preferred.

Education: Bachelor's degree

Software Development Engineer (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Designs and documents data systems to accomplish system functions in an optimum manner. Develops plans for IT systems from project inception to completion. Analyzes the problem and the information to be processed and defines the solution. Develops computer programs and functions that meet the system design efficiently and that provide for ease of maintenance. Develops computer programs in a suitable language in conformance with programming standards. Systems analysis/programming experience preferred. Independent analysis/programming experience, with complete responsibility for tasks involving analysis, programming and implementation preferred.

Education: Bachelor's degree

Software Development Engineer (Junior)

Qualifications: One (1) year

Functional Responsibility: Designs and documents data systems to accomplish system functions in an optimum manner. Develops plans for IT systems from project inception to completion. Analyzes the problem and the information to be processed and defines the solution. Develops computer programs and functions that meet the system design efficiently and that provide for ease of maintenance. Develops computer programs in a suitable language in conformance with programming standards. Systems analysis/programming experience preferred.

Education: Bachelor's degree

Subject Matter Expert (Senior)

Qualifications: Ten (10) years

Functional Responsibility: Recognized for technical knowledge and judgment in a technical field with proficiency in relevant engineering principles and practices as required for technically complex assignments. Develops solutions to difficult problems. Generates concepts as evidenced by product or process improvement. Uses engineering/scientific tools to integrate requirements and solve technical problems. Utilizes tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Leads engineering team activities in a specialized engineering or technology subject area. Leads technical planning activities and provides technical guidance. Experience in technical functional areas preferred.

Education: Bachelor's degree

Subject Matter Expert (Intermediate)

Qualifications: This position typically requires eight years of experience in functional areas such those described above.

Functional Responsibility: Recognized for technical knowledge and judgment in a technical field with proficiency in relevant engineering principals and practices as required for technically complex assignments. Develops solutions to difficult problems. Generates concepts as evidenced by product or process improvement. Uses engineering/scientific tools to integrate requirements and solve technical problems. Utilizes tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Leads engineering team activities in a specialized engineering or technology subject area. Contributes to the technical planning process and provides technical guidance.

Education: Bachelor's degree or equivalent in Engineering, Science, or other related field.

Subject Matter Expert (Junior)

Qualifications: This position typically requires four years of experience in functional areas such those described above.

Functional Responsibility: Applies knowledge in a technical field with proficiency in relevant engineering principals and practices. Implements solutions to difficult problems. Generates concepts as evidenced by product or process improvement. Uses engineering/scientific tools to integrate requirements and solve technical problems. Utilizes tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Participates in engineering team activities in a specialized engineering or technology subject area. Contributes to the technical planning process and provides technical guidance.

Education: Bachelor's degree or equivalent in Engineering, Science, or other related field.

Systems Administrator (Senior)

Qualifications: Five (5) years

Functional Responsibility: Provides technical support for implementation, administration, troubleshooting and maintenance of IT systems. Manages IT system infrastructure and processes related to these systems. Provides support to IT systems including: day-to-day operations, monitoring and problem resolution for all of the client problems. Provides second level problem identification, diagnosis and resolution of problems. Provides support for the dispatch system and hardware problems and remains involved in the resolution process. Provides support for the escalation and communication of status to agency management and internal customers. Experience in one or more systems and architectures and associated hardware: mainframe, mini, or client/server based. Experience in systems or network oversight preferred.

Education: Bachelor's degree

Systems Administrator (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Provides technical support for implementation, administration, troubleshooting and maintenance of IT systems. Manages IT system infrastructure and processes related to these systems. Provides support to IT systems including: day-to-day operations, monitoring and problem resolution for all of the client problems. Provides second level problem identification, diagnosis and resolution of problems. Provides support for the dispatch system and hardware problems and remains involved in the resolution process. Provides

support for the escalation and communication of status to agency management and internal customers. Experience in one or more systems and architectures and associated hardware: mainframe, mini, or client/server based. Experience in systems or network oversight preferred.

Education: Bachelor's degree

Systems Administrator (Junior)

Qualifications: One (1) year

Functional Responsibility: Provides technical support for implementation, administration, troubleshooting and maintenance of IT systems. Provides support to IT systems including: day-to-day operations, monitoring and problem resolution for all of the client problems. Provides second level problem identification, diagnosis and resolution of problems. Provides support for the dispatch system and hardware problems and remains involved in the resolution process. Provides support for the escalation and communication of status to agency management and internal customers. Experience in systems or network administration and operations preferred.

Education: Associate's degree

Systems Engineer (Senior)

Qualifications: Eight (8) years

Functional Responsibility: Provides highly technical expertise and guidance for performance of tasks where it is needed. Expertise may be in advanced or highly complex IT systems. Performs in all phases of systems development and implementation, with special emphasis on study and analysis, and testing and acceptance phases. Performs evaluation of current IT operations in order to determine multi-year projections for personnel, hardware, and software. Participates in hardware/software evaluations. May be required to act as supervisor on one or more tasks. Supports contract management and systems analysts, as well as Government personnel to ensure that the problem has been properly identified and that the solution shall satisfy the customer's requirements. Provides highly technical expertise and guidance in IT specialties not covered by other specialists. Systems analysis in a specialized IT area(s), e.g. telecommunications, operating systems software, software/hardware integration, software validation and verification preferred.

Education: Bachelor's degree

Systems Engineer (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Provides technical expertise and guidance for performance of tasks where it is needed. Performs in all phases of systems development and implementation, with special emphasis on study and analysis, and testing and acceptance phases. Performs evaluation of current IT operations in order to determine multi-year projections for personnel, hardware, and software. Participates in hardware/software evaluations. May be required to act as supervisor on one or more tasks. Supports contract management and systems analysts, as well as Government personnel to ensure that the problem has been properly identified and that the solution shall satisfy the customer's requirements. Provides highly technical expertise and guidance in IT specialties not covered by other specialists. Systems analysis in a specialized IT area(s), e.g. telecommunications, operating systems software,

software/hardware integration, software validation and verification preferred.

Education: Bachelor's degree

Systems Engineer (Junior)

Qualifications: One (1) year

Functional Responsibility: Performs in all phases of systems development and implementation, with special emphasis on study and analysis, and testing and acceptance phases. Performs evaluation of current IT operations in order to determine multi-year projections for personnel, hardware, and software. Participates in hardware/software evaluations. Supports systems analysts, as well as Government personnel to ensure that the problem has been properly identified and that the solution shall satisfy the customer's requirements. Provides technical expertise and guidance in IT specialties not covered by other specialists. Systems analysis in a specialized IT area(s), e.g. telecommunications, operating systems software, software/hardware integration, software validation and verification preferred.

Education: Bachelor's degree

Technical Writer (Senior)

Qualifications: Five (5) years

Functional Responsibility: Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Oversees staff developing technical documents and workflows. Experience developing and providing technical and end-user documents on technical services, computer hardware and application software preferred.

Education: Bachelor's Degree

Technical Writer (Intermediate)

Qualifications: 0-2 years experience in developing and providing technical and end-user training on computer hardware and application software.

Functional Responsibility: Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. May require a bachelor's degree in a related area and 0-2 years of experience in the field or in a related area. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Primary job functions do not typically require exercising independent judgment. Works under immediate supervision; typically reports to a supervisor or manager.

Education: Bachelor's Degree or equivalent in Business Administration, Computer Science, Engineering, Journalism, Literature, Management Information Systems, or Mathematics.

Technical Writer (Junior)

Qualifications: Zero (0) years

Functional Responsibility: May be responsible for coordinating the display of graphics and the production of the document. 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. Primary job functions do not typically require exercising independent judgment. Works under immediate supervision; typically reports to a supervisor or manager. Experience developing and providing technical and end-user documents on technical services, computer hardware and application software preferred.

Education: Associate's Degree

Test Engineer (Senior)

Qualifications: Five (5) years

Functional Responsibility: Provides subject matter expertise-level testing proficiency to support requirements of complex software/hardware applications. Directs and participates in all phases of system and application assessments and software/hardware development with emphasis on analysis of user requirements, test design, and test tools selection. Manages the test design and documentation to support all applicable client, agency, or industry standards schedules and budgets. Ensures program managers are fully informed of testing status and application deviations from documented user requirements. Experience in a computer-related field including progressive experience in performing software testing for complex to highly complex software hardware applications and/or systems preferred.

Education: Bachelor's degree

Test Engineer (Intermediate)

Qualifications: Two (2) years

Functional Responsibility: Provides testing proficiency to support requirements of complex software/hardware applications. Directs and participates in all phases of system and application assessments and software/hardware development with emphasis on analysis of user requirements, test design, and test tools selection. Manages the test design and documentation to support all applicable client, agency, or industry standards schedules and budgets. Ensures program managers are fully informed of testing status and application deviations from documented user requirements. Experience in a computer-related field including progressive experience in performing software testing for complex software hardware applications and/or systems preferred.

Education: Bachelor's degree

Test Engineer (Junior)

Qualifications: Zero (0) years

Functional Responsibility: Provides testing to support requirements of complex software/hardware applications. Participates in system and application assessments and software/hardware development with emphasis on analysis of user requirements, test design, and test tools selection. Participates in test design and documentation to support all applicable client, agency, or industry standards schedules and budgets. Ensures program managers are fully informed of testing status and application deviations from documented user requirements. Experience in a computer-related field including progressive experience in performing software testing for

complex software hardware applications and/or systems preferred.

Education: Bachelor's degree

Training Developer (Senior)

Qualifications: Six (6) years

Functional Responsibility: Assesses, designs, and conceptualizes training scenarios, approaches, objectives, plans, tools, curriculums, and other technologies related to training. Identifies training requirements to include, but not limited to hardware, software, simulations, course assessment and refreshment, computer assisted and adaptive testing, and team and unit assessment and measurement. Develops and revises training courses. Prepares training catalogs and course materials. Trains personnel by conducting formal classroom courses, workshops, and seminars. Experience in training and training development preferred.

Education: Bachelor's degree

Training Developer (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Assesses, designs, and conceptualizes training approaches, objectives, plans, tools, curriculums, and other technologies related to training. Identifies training requirements to include, but not limited to hardware, software, course assessment and refreshment, computer assisted and adaptive testing, and team and unit assessment and measurement. Develops and revises training courses. Prepares course materials. Trains personnel by conducting formal classroom courses, workshops, and seminars. Experience in training and training development preferred.

Education: Bachelor's degree

Training Developer (Junior)

Qualifications: One (1) year

Functional Responsibility: Assesses, designs, and conceptualizes training approaches, objectives, and curriculums related to training. Identifies training requirements to include, but not limited to hardware, software, course assessment and refreshment, computer assisted and adaptive testing, and team and unit assessment and measurement. Develops and revises training courses. Prepares course materials. Trains personnel by conducting formal classroom courses, workshops, and seminars. Experience in training and training development preferred.

Education: Bachelor's degree

Web Developer (Senior)

Qualifications: 6-8 years experience in open source development, HTML, and knowledge of web architecture/development for the web.

Functional Responsibility: Designs and builds user interfaces for web sites using a variety of graphics software applications, techniques, and tools. Interface design includes animation and special-effects elements. Ensures that the "look and feel" supports the organization's strategies and goals and facilitates user interaction with the system.

Education: Bachelors Degree or equivalent.

Web Developer (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Designs and builds user interfaces for web sites using a variety of graphics software applications, techniques, and tools. Interface design includes animation and special-effects elements. Ensures that the "look and feel" supports the organization's strategies and goals and facilitates user interaction with the system. Experience in open source development, HTML, and knowledge of web architecture/development for the web preferred.

Education: Bachelor's degree

Web Developer (Junior)

Qualifications: One (1) year

Functional Responsibility: Designs and builds user interfaces for web sites using a variety of graphics software applications, techniques, and tools. Interface design includes animation and special-effects elements. Ensures that the "look and feel" supports the organization's strategies and goals and facilitates user interaction with the system. Experience in open source development, HTML, and knowledge of web architecture/development for the web preferred.

Education: Bachelor's degree

SIN 132-51/RC/STLOC GOVERNMENT SITE RATES:

SIN	Labor Category	4/24/2017 - 4/23/2018 Government Site	4/24/2018 – 4/23/2019 Government Site
132-51	Applications Systems Analyst/Programmer (Senior)	\$119.68	\$123.27
132-51	Applications Systems Analyst/Programmer (Intermediate)	\$89.92	\$92.62
132-51	Applications Systems Analyst/Programmer (Junior)	\$75.78	\$78.05
132-51	Budget/Financial Analyst (Senior)	\$95.79	\$98.66
132-51	Budget/Financial Analyst (Intermediate)	\$78.69	\$81.05
132-51	Budget/Financial Analyst (Junior)	\$68.26	\$70.31
132-51	Business Analyst (Senior)	\$110.74	\$114.06
132-51	Business Analyst (Intermediate)	\$81.38	\$83.82
132-51	Business Analyst (Junior)	\$72.43	\$74.60
132-51	Business Subject Matter Expert	\$337.88	\$348.02
132-51	Configuration Management Specialist (Senior)	\$96.12	\$99.00
132-51	Configuration Management Specialist (Intermediate)	\$84.83	\$87.37
132-51	Configuration Management Specialist (Junior)	\$62.21	\$64.08
132-51	Cybersecurity Engineer (Senior)	\$182.21	\$187.68
132-51	Cybersecurity Engineer (Intermediate)	\$118.06	\$121.60
132-51	Cybersecurity Engineer (Junior)	\$100.84	\$103.87
132-51	Database Specialist (Principal)	\$160.30	\$165.11
132-51	Database Specialist (Senior)	\$149.05	\$153.52
132-51	Database Specialist (Intermediate)	\$111.95	\$115.31
132-51	Database Specialist (Junior)	\$75.21	\$77.47
132-51	Enterprise Architect	\$166.02	\$171.00
132-51	Helpdesk Specialist (Senior)	\$85.08	\$87.63
132-51	Helpdesk Specialist (Intermediate)	\$65.19	\$67.15
132-51	Helpdesk Specialist (Junior)	\$41.50	\$42.75
132-51	Information Assurance/Security Specialist (Senior)	\$155.64	\$160.31
132-51	Information Assurance/Security Specialist (Intermediate)	\$117.22	\$120.74
132-51	Information Assurance/Security Specialist (Junior)	\$75.78	\$78.05
132-51	Microsoft Consulting Services SME II	\$282.62	\$291.10
132-51	Microsoft Consulting Services SME I	\$254.20	\$261.83
132-51	Network Engineer (Senior)	\$150.34	\$154.85
132-51	Network Engineer (Intermediate)	\$81.00	\$83.43
132-51	Network Engineer (Junior)	\$73.97	\$76.19
132-51	Program Manager (Principal)	\$196.09	\$201.97

132-51	Program Manager (Senior)	\$158.37	\$163.12
132-51	Program Manager (Intermediate)	\$127.26	\$131.08
132-51	Program Manager (Junior)	\$85.08	\$87.63
132-51	Quality Assurance Manager	\$121.00	\$124.63
132-51	Quality Assurance Specialist (Senior)	\$99.68	\$102.67
132-51	Quality Assurance Specialist (Intermediate)	\$89.56	\$92.25
132-51	Quality Assurance Specialist (Junior)	\$73.18	\$75.38
132-51	Security Analyst (Senior)	\$125.71	\$129.48
132-51	Security Analyst (Intermediate)	\$94.28	\$97.11
132-51	Security Analyst (Junior)	\$57.62	\$59.35
132-51	SharePoint Architect/Developer	\$124.86	\$128.61
132-51	Software Development Engineer (Principal)	\$192.54	\$198.32
132-51	Software Development Engineer (Senior)	\$161.59	\$166.44
132-51	Software Development Engineer (Intermediate)	\$117.78	\$121.31
132-51	Software Development Engineer (Junior)	\$96.65	\$99.55
132-51	Subject Matter Expert (Senior)	\$176.68	\$181.98
132-51	Subject Matter Expert (Intermediate)	\$166.02	\$171.00
132-51	Subject Matter Expert (Junior)	\$114.93	\$118.38
132-51	Systems Administrator (Senior)	\$99.78	\$102.77
132-51	Systems Administrator (Intermediate)	\$83.22	\$85.72
132-51	Systems Administrator (Junior)	\$61.51	\$63.36
132-51	Systems Engineer (Senior)	\$162.97	\$167.86
132-51	Systems Engineer (Intermediate)	\$128.48	\$132.33
132-51	Systems Engineer (Junior)	\$87.36	\$89.98
132-51	Technical Writer (Senior)	\$80.43	\$82.84
132-51	Technical Writer (Intermediate)	\$72.09	\$74.25
132-51	Technical Writer (Junior)	\$45.67	\$47.04
132-51	Test Engineer (Senior)	\$94.45	\$97.28
132-51	Test Engineer (Intermediate)	\$72.75	\$74.93
132-51	Test Engineer (Junior)	\$52.46	\$54.03
132-51	Training Developer (Senior)	\$101.77	\$104.82
132-51	Training Developer (Intermediate)	\$84.83	\$87.37
132-51	Training Developer (Junior)	\$73.52	\$75.73
132-51	Web Developer (Senior)	\$109.52	\$112.81
132-51	Web Developer (Intermediate)	\$84.83	\$87.37
132-51	Web Developer (Junior)	\$73.52	\$75.73

SIN 132-51/RC/STLOC CONTRACTOR SITE RATES:

SIN	Labor Category	4/24/2017 - 4/23/2018 Contractor Site	4/24/2018 – 4/23/2019 Contractor Site
132-51	Applications Systems Analyst/Programmer (Senior)	-	-
132-51	Applications Systems Analyst/Programmer (Intermediate)	-	-
132-51	Applications Systems Analyst/Programmer (Junior)	-	-
132-51	Budget/Financial Analyst (Senior)	\$105.37	\$108.53
132-51	Budget/Financial Analyst (Intermediate)	\$86.56	\$89.16
132-51	Budget/Financial Analyst (Junior)	-	-
132-51	Business Analyst (Senior)	-	-
132-51	Business Analyst (Intermediate)	-	-
132-51	Business Analyst (Junior)	\$79.67	\$82.06
132-51	Business Subject Matter Expert	-	-
132-51	Configuration Management Specialist (Senior)	\$105.74	\$108.91
132-51	Configuration Management Specialist (Intermediate)	\$93.31	\$96.11
132-51	Configuration Management Specialist (Junior)	\$68.43	\$70.48
132-51	Cybersecurity Engineer (Senior)	\$209.81	\$216.10
132-51	Cybersecurity Engineer (Intermediate)	\$137.84	\$141.98
132-51	Cybersecurity Engineer (Junior)	\$116.13	\$119.61
132-51	Database Specialist (Principal)	-	-
132-51	Database Specialist (Senior)	-	-
132-51	Database Specialist (Intermediate)	-	-
132-51	Database Specialist (Junior)	-	-
132-51	Enterprise Architect	-	-
132-51	Helpdesk Specialist (Senior)	-	-
132-51	Helpdesk Specialist (Intermediate)	-	-
132-51	Helpdesk Specialist (Junior)	-	-
132-51	Information Assurance/Security Specialist (Senior)	-	-
132-51	Information Assurance/Security Specialist (Intermediate)	-	-
132-51	Information Assurance/Security Specialist (Junior)	-	-
132-51	Microsoft Consulting Services SME II	-	-
132-51	Microsoft Consulting Services SME I	-	-
132-51	Network Engineer (Senior)	-	-
132-51	Network Engineer (Intermediate)	\$89.09	\$91.76
132-51	Network Engineer (Junior)	-	-
132-51	Program Manager (Principal)	-	-

132-51	Program Manager (Senior)	-	-
132-51	Program Manager (Intermediate)	\$139.98	\$144.18
132-51	Program Manager (Junior)	-	-
132-51	Quality Assurance Manager	\$139.32	\$143.50
132-51	Quality Assurance Specialist (Senior)	\$109.65	\$112.94
132-51	Quality Assurance Specialist (Intermediate)	\$94.58	\$97.42
132-51	Quality Assurance Specialist (Junior)	\$80.49	\$82.90
132-51	Security Analyst (Senior)	\$140.79	\$145.01
132-51	Security Analyst (Intermediate)	\$105.59	\$108.76
132-51	Security Analyst (Junior)	\$64.53	\$66.47
132-51	SharePoint Architect/Developer	\$137.35	\$141.47
132-51	Software Development Engineer (Principal)	\$222.17	\$228.84
132-51	Software Development Engineer (Senior)	\$180.98	\$186.41
132-51	Software Development Engineer (Intermediate)	\$134.71	\$138.75
132-51	Software Development Engineer (Junior)	\$111.29	\$114.63
132-51	Subject Matter Expert (Senior)	\$194.34	\$200.17
132-51	Subject Matter Expert (Intermediate)	-	-
132-51	Subject Matter Expert (Junior)	-	-
132-51	Systems Administrator (Senior)	\$109.76	\$113.05
132-51	Systems Administrator (Intermediate)	\$91.54	\$94.29
132-51	Systems Administrator (Junior)	\$67.66	\$69.69
132-51	Systems Engineer (Senior)	\$187.67	\$193.30
132-51	Systems Engineer (Intermediate)	\$147.95	\$152.39
132-51	Systems Engineer (Junior)	\$97.84	\$100.78
132-51	Technical Writer (Senior)	\$88.48	\$91.13
132-51	Technical Writer (Intermediate)	-	-
132-51	Technical Writer (Junior)	\$50.24	\$51.75
132-51	Test Engineer (Senior)	\$103.89	\$107.01
132-51	Test Engineer (Intermediate)	\$80.03	\$82.43
132-51	Test Engineer (Junior)	\$57.70	\$59.43
132-51	Training Developer (Senior)	\$111.95	\$115.31
132-51	Training Developer (Intermediate)	\$93.31	\$96.11
132-51	Training Developer (Junior)	\$80.88	\$83.31
132-51	Web Developer (Senior)	-	-
132-51	Web Developer (Intermediate)	\$93.31	\$96.11
132-51	Web Developer (Junior)	\$80.88	\$83.31

TERMS AND CONDITIONS APPLICABLE TO HIGHLY ADAPTIVE CYBERSECURITY SERVICES (HACS) (SPECIAL ITEM NUMBERS 132-45A, 132-45B, 132-45C, 132-45D)

1. SCOPE

- a) The labor categories, prices, terms and conditions stated under Special Item Numbers 132-45A, 132- 45B, 132-45C and 132-45D High Adaptive Cybersecurity Services apply exclusively to High Adaptive Cybersecurity Services within the scope of this Information Technology Schedule.
- b) Services under these SINs are limited to Highly Adaptive Cybersecurity Services only. Software and hardware products are under different Special Item Numbers on IT Schedule 70 (e.g. 132-32, 132-33, 132-8), and may be quoted along with services to provide a total solution.
- c) These SINs provide ordering activities with access to Highly Adaptive Cybersecurity services only.
- d) Highly Adaptive Cybersecurity Services provided under these SINs shall comply with all Cybersecurity certifications and industry standards as applicable pertaining to the type of services as specified by ordering agency.
- e) The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2. ORDER

- a) Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.
- b) All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

3. PERFORMANCE OF SERVICES

- a) The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity. All Contracts will be fully funded.
- b) The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.
- c) The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.
- d) Any Contractor travel required in the performance of Highly Adaptive Cybersecurity Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

4. INSPECTION OF SERVICES

Inspection of services is in accordance with 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAY 2015) (ALTERNATE II – JUL 2009)(FAR DEVIATION – JUL 2015)(TAILORED) for Firm-Fixed Price orders and Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

5. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (MAY 2014) Rights in Data – General, may apply.

The Contractor shall comply with contract clause (52.204-21) to the Federal Acquisition Regulation (FAR) for the basic safeguarding of contractor information systems that process, store, or transmit Federal data received by the contract in performance of the contract. This includes contract documents and all information generated in the performance of the contract.

6. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to the ordering activity's security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite Highly Adaptive Cybersecurity Services.

7. INDEPENDENT CONTRACTOR

All Highly Adaptive Cybersecurity Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

8. ORGANIZATIONAL CONFLICTS OF INTEREST

a) Definitions.

“Contractor” means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

“Contractor and its affiliates” and “Contractor or its affiliates” refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An “Organizational conflict of interest” exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor’s or its affiliates’ objectivity in performing contract work.

b) To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

9. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for Highly Adaptive Cybersecurity Services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

10. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

11. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

12. DESCRIPTION OF HIGHLY ADAPTIVE CYBERSECURITY SERVICES AND PRICING

- a) The Contractor shall provide a description of each type of Highly Adaptive Cybersecurity Service offered under Special Item Numbers 132-45A, 132-45B, 132-45C, 132-45D for Highly Adaptive Cybersecurity Services and it should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.
- b) Pricing for all Highly Adaptive Cybersecurity Services shall be in accordance with the Contractor’s customary commercial practices; e.g., hourly rates, minimum general experience and minimum education.

Please see pages 35-49

SINs 132-45A-D/RC/STLOC LABOR CATEGORIES AND DESCRIPTIONS:

Experience Substitution Methodology:

- High School Diploma + 2 years additional experience equals a Bachelor's Degree
- An Associate's Degree + 2 years additional experience equals a Bachelor's Degree
- A Bachelor's Degree + 2 years additional experience equals a Master's Degree

Education Substitution Methodology:

- A PhD may be substituted for 2 years of required experience with a Master's Degree or 2 years with a Bachelor's Degree.
- A Master's Degree may be substituted for 2 years of required experience with a Bachelor's Degree

Cyber Applications Systems Analyst/Programmer (Senior)

Qualifications: Four (4) years

Functional Responsibility: Provides high level expertise in developing complex software applications involving new technologies, methods, concepts or approaches. Provides supervisory, technical, and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and user standards, and for progress in accordance with schedules. Computer experience working independently or under general direction on complex application problems involving all phases of systems analysis with experience in analysis and design of business applications for complex large-scale or mid-tier computer systems, or LANbased systems, to include experience in database management systems (DBMS), and use of programming languages preferred. Knowledge of current storage and retrieval methods and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs preferred. General experience supervising personnel performing software development tasks preferred.

Education: Master's Degree

Cyber Applications Systems Analyst/Programmer (Intermediate)

Qualifications: Three (3) years.

Functional Responsibility: Analyzes business or scientific problems for resolution through electronic data processing. Gathers information from users, defines work problems, and, if feasible, designs a system of computer programs and procedures to resolve the problems. Develops complete specifications or enable Computer Programmers to prepare required programs; analyzes subject-matter operations to be automated; specifies number and types of records, files, and documents to be used and outputs to be produced; prepares work diagrams and data flow charts; coordinates tests of the system and participates in trial runs of new and revised systems; and recommends computer equipment changes to obtain more effective operations. The Applications Systems Analyst/Programmer (Intermediate) may also write computer programs. Provides development services for moderately complex applications using standard approaches or less complex systems using new approaches. Works on a segment of a complex data processing scheme or broad system. Computer experience in information systems design and management preferred. Demonstrated ability to work independently or under general direction on requirements that are moderately complex to analyze, plan, program, and implement preferred. Experience in analysis and design of business application for complex large-scale or mid-tier computer or LAN-based systems, including experience in DBMS, and use of programming languages preferred. Knowledge of current storage and retrieval methods preferred; systems analysis experience designing technical applications on computer systems preferred; and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and

debugging of computer programs preferred.

Education: Bachelor's Degree

Cyber Applications Systems Analyst/Programmer (Junior)

Qualifications: One (1) year

Functional Responsibility: Analyzes business or scientific problems for resolution through electronic data processing. Gathers information from users, defines work problems, and, if feasible, designs a system of computer programs and procedures to resolve the problems. Under supervision develops complete specifications or enable Computer Programmers to prepare required programs; analyzes subject-matter operations to be automated; specifies number and types of records, files, and documents to be used and outputs to be produced; prepares work diagrams and data flow charts; coordinates tests of the system and participates in trial runs of new and revised systems; and recommends computer equipment changes to obtain more effective operations. The Applications Systems Analyst/Programmer (Junior) may also be called upon to write computer programs. Provides entry level systems development support using standard approaches and several phases of the required systems analysis where the nature of the system is predetermined. Uses established fact-finding approaches, knowledge of pertinent work processes and procedures, and familiarity with related computer programming practices, system software, and computer equipment. Computer experience in assignments of a technical nature working under close supervision and direction and experience in analyzing and programming application on large-scale or midtier computers (or LAN-based) with experience in the design and programming of moderately complex ADP systems preferred.

Education: Bachelor's Degree

Cybersecurity Engineer (Senior)

Qualifications: Eight (8) years

Functional Responsibility: Provides functional expertise in defining security requirements and developing security solutions for information protection. Defines and develops security policies and processes related to the protection of sensitive or classified information. Designs, develops, engineers and implement solutions to protection of sensitive or classified information. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in defining security programs or processes for the protection of sensitive or classified information preferred. Experience in one or more systems and architectures and associated hardware: mainframe, mini, or client/server based preferred. Experience in systems analysis and programming preferred.

Education: Bachelor's degree

Cybersecurity Engineer (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides functional expertise in defining security requirements and developing security solutions for information protection. Defines and develops security policies and processes related to the protection of sensitive or classified information. Designs, develops, engineers and implement solutions to protection of sensitive or classified information. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and

implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in one or more systems and associated hardware: mainframe, mini, or client/server based preferred. Experience in systems analysis and programming preferred.

Education: Bachelor's degree

Cybersecurity Engineer (Junior)

Qualifications: One (1) year

Functional Responsibility: Provides functional support in defining security requirements and developing security solutions for information protection. Designs, develops, engineers and implement solutions to protection of sensitive or classified information. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in systems analysis and programming preferred.

Education: Bachelor's degree

Cyber Enterprise Architect

Qualifications: Ten (10) years

Functional Responsibility: Provides high-level architectural expertise to managers and technical staff. Develops architectural products and deliverables for the enterprise and operational business lines. Develops strategy of system and the design infrastructure necessary to support that strategy. Advises on selection of technological purchases with regards to processing, data storage, data access, and applications development. Sets standards for the client/server relational structure for the organization (SQL, ORACLE, SYBASE, etc.). Advises of feasibility of potential future projects to management. Experience in the development and maintenance of systems, Integration Tier, Security, Standards compliance, business activity monitoring, systems design, system analysis, and development preferred. Experience in defining and implementing a systems architecture using a combination of COTS processing, networking and data storage components into an embedded solution preferred.

Bachelor's Degree

Education:

Cyber Helpdesk Specialist (Senior)

Qualifications: Six (6) years

Functional Responsibility: Leads helpdesk and support team and facilitates higher level support. Provides phone and in-person oversight support to users in the areas of e-mail, directories, standard Windows desktop applications, and other applications. May serve as the follow on point of contact for troubleshooting network applications, and hardware/software PC and printer problems. Experience including knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and work on a help desk preferred. Demonstrated ability to communicate orally and in writing and a positive customer service attitude preferred.

Education: Bachelor's Degree

Cyber Helpdesk Specialist (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and other applications. May serve as the initial point of contact for troubleshooting network applications, and hardware/software PC and printer problems. Experience including knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and work on a help desk preferred. Demonstrated ability to communicate orally and in writing and a positive customer service attitude preferred.

Education: Bachelor's Degree

Cyber Helpdesk Specialist (Junior)

Qualifications: Two (2) years

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and other applications. May serve as the initial point of contact for troubleshooting network applications, and hardware/software PC and printer problems. Experience including knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and work on a help desk preferred. Demonstrated ability to communicate orally and in writing and a positive customer service attitude preferred.

Education: Associates Degree

Cyber Information Assurance/Security Specialist (Senior)

Qualifications: Six (6) years

Functional Responsibility: Formulates and assesses I/T security policy to include business impact. Prepares security plans for employing enterprise-wide security architecture to include the design of cryptographic solutions. Develops integrated security services management. Executes security awareness training. Assesses and audits network penetration testing anti virus planning assistance, risk analysis and incident response. Provides security engineering support for application development (including system security certifications and project evaluations). This may include the development, design and implementation of firewalls, and evaluation, review and test of security code. Experience with several architectures and platforms in an integrated environment preferred. Specialized project experience or formal training preferred.

Education: Master's Degree

Cyber Information Assurance/Security Specialist (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Formulates and assesses I/T security policy to include business impact. Prepares security plans for employing enterprise-wide security architecture to include the design of cryptographic solutions. Develops integrated security services management. Executes security awareness training. Assesses and audits network penetration testing anti virus planning assistance, risk analysis and incident response. Provides security engineering support for application development (including system security certifications and project evaluations). This may include the development, design and implementation of firewalls, and evaluation, review and

test of security code. Experience with several architectures and platforms in an integrated environment preferred. Specialized project experience or formal training preferred.

Education: Bachelor's Degree

Cyber Information Assurance/Security Specialist (Junior)

Qualifications: One (1) year

Functional Responsibility: Formulates and assesses I/T security policy to include business impact. Prepares security plans for employing enterprise-wide security architecture to include the design of cryptographic solutions. Develops integrated security services management. Executes security awareness training. Assesses and audits network penetration testing anti virus planning assistance, risk analysis and incident response. Provides security engineering support for application development (including system security certifications and project evaluations). This may include the development, design and implementation of firewalls, and evaluation, review and test of security code. Experience with several architectures and platforms in an integrated environment preferred. Significant knowledge of the field and the ability to work independently on typical assignments. Specialized project experience or formal training preferred.

Education: Bachelor's Degree

Cyber Network Engineer (Senior)

Qualifications: Six years

Functional Responsibility: Assists in the development and maintenance of network communications. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. Experience in the field or in a related area preferred. Familiarity with a variety of the field's concepts, practices, and procedures preferred. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is preferred. Typically reports to a manager. Expert knowledge of LAN/WAN systems, networks, and applications preferred

Education: Bachelor's Degree

Cyber Network Engineer (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Assists in the development and maintenance of network communications. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager. Network engineering experience and knowledge of LAN/WAN systems, networks, and applications preferred.

Education: Bachelor's degree

Cyber Network Engineer (Junior)

Qualifications: Two (2) years

Functional Responsibility: Under supervision performs a variety of network engineering tasks which are broad in nature and are concerned with the design and implementation of integrated networks, including personal, hardware, software and support facilities and/or equipment. Installs; configures and maintains software in a client/server networked environment. Installs local area networks (LANs) as well as wide area networks (WANs.) Selects, orders and installs equipment at Customer field sites. This activity includes the installation of infrastructure and equipment, operating systems and user software, as well as maintenance and exercise support. Installs infrastructures including routers, hubs, and interconnections. Assists in providing technical documentation to support installation activities. Assists with Customer on-site surveys. Participates in the preparation of drawings and reports documenting and recording on-site activities. Interfaces with customers, end users and team members for site activities as directed. Performs systems checkout/test and introductory training as required. Perform trips to customer sites for installations, surveys and audits. Relative experience in performing a variety of networks engineering tasks, which are broad in nature preferred.

Education: Bachelor's Degree

Cyber Program Manager (Principal)

Qualifications: Twelve (12) years

Functional Responsibility: Responsible for the performance of programs, projects, or subsystems of major programs or projects. Directs all phases of programs/projects from inception through completion. Coordinates the preparation of project plans, milestones, and operating budgets. Acts as primary customer contact for program activity, leading program review sessions with customer to discuss cost, schedule and technical performance. Establishes design concepts, criteria and engineering efforts for product research, development integration and test. Establishes milestones and monitors adherence to master plans and schedules. Identifies program problems and obtain solutions. Directs the work of technical, analytical, architectural and administrative assignments to the project or program. Experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects preferred. Technical experience in software engineering, Management information systems, and/or information security engineering or related program capacity preferred.

Education: Master's Degree

Cyber Program Manager (Senior)

Qualifications: Eight (8) years

Functional Responsibility: Consults with the client to ensure conformity to project and contractual obligations for, but not limited to, IT projects/initiatives. Familiarity with all phases of the systems development life cycle (i.e., identification, design, development, implementation, & maintenance of automated systems) preferred. Oversees the analysis, design and development of new systems and system enhancements. Approves documentation standards, system specifications, feasibility and justification reports, and policy recommendations. Oversees the development and installation of techniques and procedures to implement policy decisions with regard to organizational structures, program evaluation and productivity improvements.

Establishes and maintains technical and financial reports in order to show progress of projects to management and customers. Organizes and assigns responsibilities to subordinates and oversees the successful completion of all assigned IT tasks. Ensures the development,

maintenance and implementation of Program Management Plans and Technical Specifications Plan; documents that guide the performance of all functional and technical activities performed. Ensures that maximum service is obtained from all operations through efficient use of personnel and equipment. Simultaneously plans and manages diverse and highly technical projects. Responsible for leading and performing IT training of line personnel on the project approach, techniques, software, hardware, etc. Experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects preferred. Technical experience in a software engineering, Management information systems, and/or information security engineering or related program capacity preferred

Education: Bachelor's Degree

Cyber Program Manager (Intermediate)

Qualifications: Six (6) years

Functional Responsibility: Consults with the client to ensure conformity to project and contractual obligations for, but not limited to, IT projects/initiatives. Familiarity with all phases of the systems development life cycle (i.e., identification, design, development, implementation, & maintenance of automated systems) preferred. Oversees the analysis, design and development of new systems and system enhancements. Approves documentation standards, system specifications, feasibility and justification reports, and policy recommendations. Oversees the development and installation of techniques and procedures to implement policy decisions with regard to organizational structures, program evaluation and productivity improvements.

Establishes and maintains technical and financial reports in order to show progress of projects to management and customers. Organizes and assigns responsibilities to subordinates and oversees the successful completion of all assigned IT tasks. Ensures the development, maintenance and implementation of Program Management Plans and Technical Specifications Plan; documents that guide the performance of all functional and technical activities performed. Experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects preferred.

Education: Bachelor's Degree

Cyber Program Manager (Junior)

Qualifications: Four (4) years

Functional Responsibility: Consults with the client to ensure conformity to project and contractual obligations for, but not limited to, IT projects/initiatives. Familiarity with all phases of the systems development life cycle (i.e., identification, design, development, implementation, & maintenance of automated systems) preferred. Oversees the analysis, design and development of new systems and system enhancements. Approves documentation standards, system specifications, feasibility and justification reports, and policy recommendations. Oversees the development and installation of techniques and procedures to implement policy decisions with regard to organizational structures, program evaluation and productivity improvements.

Establishes and maintains technical and financial reports in order to show progress of projects to management and customers. Organizes and assigns responsibilities to subordinates and oversees the successful completion of all assigned IT tasks. Ensures the development, maintenance and implementation of Program Management Plans and Technical Specifications Plan; documents that guide the performance of all functional and technical activities performed. Ensures that maximum service is obtained from all operations through efficient use of personnel and equipment. Simultaneously plans and manages diverse and highly technical projects. Responsible for leading and performing IT training of line personnel on the project approach, techniques, software, hardware, etc. Experience performing tasks focused on the

leadership and/or task management of information systems engineering or systems integration projects preferred. Technical experience in a software engineering, Management information systems, and/or information security engineering or related program capacity preferred.

Education: Bachelor's Degree

Cyber Quality Assurance Manager

Qualifications: Eight (8) years

Functional Responsibility: Provides management and oversight of quality assurance and quality control activities.

Responsibility: Performs development of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. Provides independent assessment of how the project's development and implementation process is compliant with the defined process, and recommends methods to optimize the organization's process. Responsible for all activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in quality assurance or quality control preferred.

Education: Bachelor's degree

Cyber Quality Assurance Specialist (Senior)

Qualifications: Six (6) years

Functional Responsibility: Provides development of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. Provides independent assessment of how the project's development and implementation process is compliant with the defined process, and recommends methods to optimize the organization's process. May be responsible for all activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in quality assurance or quality control preferred.

Education: Bachelor's degree

Cyber Quality Assurance Specialist (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides execution of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. Provides independent assessment of how the project's development and implementation process is compliant with the defined process, and recommends methods to optimize the organization's process. May be responsible for all activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in quality assurance or quality control preferred.

Education: Bachelor's degree

Cyber Quality Assurance Specialist (Junior)

Qualifications: Zero (0) years

Functional Responsibility: Provides execution of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. With oversight responsible for activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in project or quality review and assessment preferred.

Education: Associate's degree

Cyber Security Analyst (Senior)

Qualifications: Seven (7) years

Functional Responsibility: Provides technical expertise determining enterprise information assurance and cyber security standards. Develops and implements information assurance/security standards and procedures. Coordinates, develops, and evaluates security programs. Recommends information assurance/security solutions to support customers' requirements. Identifies, reports, and resolves cyber security violations. Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in functional and systems analysis and requirements analysis in a specialized IT area preferred.

Education: Bachelor's degree

Cyber Security Analyst (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides technical expertise determining information assurance and cyber security standards. Develops and implements information assurance/security standards and procedures. Recommends information assurance/security solutions to support customers' requirements. Identifies, reports, and resolves cyber security violations. Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in functional and systems analysis and requirements analysis in a specialized IT area preferred.

Education: Bachelor's degree

Cyber Security Analyst (Junior)

Qualifications: One (1) year

Functional Responsibility: Recommends information assurance/security solutions to support customers' requirements. Identifies, reports, and resolves cyber security violations. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in functional and systems analysis preferred.

Education: Associate's degree

Cyber Subject Matter Expert (Senior)

Qualifications: Ten (10) years

Functional Responsibility: Recognized for technical knowledge and judgment in a technical field with proficiency in relevant engineering principles and practices as required for technically complex assignments. Develops solutions to difficult problems. Generates concepts as evidenced by product or process improvement. Uses engineering/scientific tools to integrate requirements and solve technical problems. Utilizes tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Leads engineering team activities in a specialized engineering or technology subject area. Leads technical planning activities and provides technical guidance. Experience in technical functional areas preferred.

Education: Bachelor's degree

Cyber Subject Matter Expert (Intermediate)

Qualifications: Eight (8) years

Functional Responsibility: Recognized for technical knowledge and judgment in a technical field with proficiency in relevant engineering principals and practices as required for technically complex assignments. Develops solutions to difficult problems. Generates concepts as evidenced by product or process improvement. Uses engineering/scientific tools to integrate requirements and solve technical problems. Utilizes tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Leads engineering team activities in a specialized engineering or technology subject area. Contributes to the technical planning process and provides technical guidance. Experience in functional areas preferred.

Education: Bachelor's degree

Cyber Subject Matter Expert (Junior)

Qualifications: Four (4) years.

Functional Responsibility: Applies knowledge in a technical field with proficiency in relevant engineering principals and practices. Implements solutions to difficult problems. Generates concepts as evidenced by product or process improvement. Uses engineering/scientific tools to integrate requirements and solve technical problems. Utilizes tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Participates in engineering team activities in a specialized engineering or technology subject area. Contributes to the technical planning process and provides technical guidance. Experience in functional areas preferred.

Education: Bachelor's degree

Cyber Systems Administrator (Senior)

Qualifications: Five (5) years

Functional Responsibility: Provides technical support for implementation, administration, troubleshooting and maintenance of IT systems. Manages IT system infrastructure and processes related to these systems. Provides support to IT systems including: day-to-day operations, monitoring and problem resolution for all of the client problems. Provides second level problem identification, diagnosis and resolution of problems. Provides support for the dispatch system and hardware problems and remains involved in the resolution process. Provides support for the escalation and communication of status to agency management and internal customers. Experience in one or more systems and architectures and associated hardware: mainframe, mini, or client/server based preferred. Experience in systems or network oversight preferred.

Education: Bachelor's degree

Cyber Systems Administrator (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Provides technical support for implementation, administration, troubleshooting and maintenance of IT systems. Manages IT system infrastructure and processes related to these systems. Provides support to IT systems including: day-to-day operations, monitoring and problem resolution for all of the client problems. Provides second level problem identification, diagnosis and resolution of problems. Provides support for the dispatch system and hardware problems and remains involved in the resolution process. Provides support for the escalation and communication of status to agency management and internal customers. Experience in one or more systems and architectures and associated hardware: mainframe, mini, or client/server based. Experience in systems or network oversight preferred.

Education: Bachelor's degree

Cyber Systems Administrator (Junior)

Qualifications: One (1) year

Functional Responsibility: Provides technical support for implementation, administration, troubleshooting and maintenance of IT systems. Provides support to IT systems including: day-to-day operations, monitoring and problem resolution for all of the client problems. Provides second level problem identification, diagnosis and resolution of problems. Provides support for the dispatch system and hardware problems and remains involved in the resolution process. Provides support for the escalation and communication of status to agency management and internal customers. Experience in systems or network administration and operations preferred.

Education: Associate's degree

Cyber Systems Engineer (Senior)

Qualifications: Eight (8) years

Functional Responsibility: Provides highly technical expertise and guidance for performance of tasks where it is needed. Expertise may be in advanced or highly complex IT systems. Performs in all phases of systems development and implementation, with special emphasis on study and analysis, and testing and acceptance phases. Performs evaluation of current IT operations in order to determine multi-year projections for personnel, hardware, and software. Participates in hardware/software evaluations. May be required to act as supervisor on one or more tasks. Supports contract management and systems analysts, as well as Government personnel to ensure that the problem has been properly identified and that the solution shall satisfy the customer's requirements. Provides highly technical expertise and guidance in IT specialties not covered by other specialists. Systems analysis in a specialized IT area(s), e.g. telecommunications, operating systems software, software/hardware integration, software validation and verification preferred.

Education: Bachelor's degree

Cyber Systems Engineer (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Provides technical expertise and guidance for performance of tasks where it is needed. Performs in all phases of systems development and implementation, with special emphasis on study and analysis, and testing and acceptance phases. Performs evaluation of current IT operations in order to determine multi-year projections for personnel, hardware, and software. Participates in hardware/software evaluations. May be required to act as supervisor on one or more tasks. Supports contract management and systems analysts, as well as Government personnel to ensure that the problem has been properly identified and that the solution shall satisfy the customer's requirements. Provides highly technical expertise and guidance in IT specialties not covered by other specialists. Systems analysis in a specialized IT area(s), e.g. telecommunications, operating systems software, software/hardware integration, software validation and verification preferred.

Education: Bachelor's degree

Cyber Systems Engineer (Junior)

Qualifications: One (1) year

Functional Responsibility: Performs in all phases of systems development and implementation, with special emphasis on study and analysis, and testing and acceptance phases. Performs evaluation of current IT operations in order to determine multi-year projections for personnel, hardware, and software. Participates in hardware/software evaluations. Supports systems analysts, as well as Government personnel to ensure that the problem has been properly identified and that the solution shall satisfy the customer's requirements. Provides technical expertise and guidance in IT specialties not covered by other specialists. Systems analysis in a specialized IT area(s), e.g. telecommunications, operating systems software, software/hardware integration, software validation and verification preferred.

Education: Bachelor's degree

Cyber Technical Writer (Senior)

Qualifications: Five (5) years

Functional Responsibility: Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Knowledge of commonly-used concepts, practices, and procedures within a particular field preferred. Oversees staff developing technical documents and workflows. Experience developing and providing technical and end-user documents on technical services, computer hardware and application software preferred.

Education: Bachelor's Degree

Cyber Technical Writer (Intermediate)

Qualifications: Zero (0) years

Functional Responsibility: Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Knowledge of commonly-used concepts, practices, and procedures within a particular field preferred. Relies on instructions and pre-established guidelines to perform the functions of the job. Primary job functions do not typically require exercising independent judgment. Works under immediate supervision; typically reports to a supervisor or manager. Experience in developing and providing technical and end-user training on computer hardware and application software preferred. Experience in the field or in a related area preferred.

Education: Bachelor's Degree

Cyber Technical Writer (Junior)

Qualifications: Zero (0) years

Functional Responsibility: May be responsible for coordinating the display of graphics and the production of the document. 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. Primary job functions do not typically require exercising independent judgment. Works under immediate supervision; typically reports to a supervisor or manager. Experience developing and providing technical and end-user documents on technical services, computer hardware and application software preferred.

Education: Associate's Degree

Cyber Test Engineer (Senior)

Qualifications: Five (5) years

Functional Responsibility: Provides subject matter expertise-level testing proficiency to support requirements of complex software/hardware applications. Directs and participates in all phases of system and application assessments and software/hardware development with emphasis on analysis of user requirements, test design, and test tools selection. Manages the test design and documentation to support all applicable client, agency, or industry standards schedules and budgets. Ensures program managers are fully informed of testing status and application deviations from documented user requirements. Experience in a computer-related field including progressive experience in performing software testing for complex to highly complex software hardware applications and/or systems preferred.

Education: Bachelor's degree

Cyber Test Engineer (Intermediate)

Qualifications: Two (2) years

Functional Responsibility: Provides testing proficiency to support requirements of complex software/hardware applications. Directs and participates in all phases of system and application assessments and software/hardware development with emphasis on analysis of user requirements, test design, and test tools selection. Manages the test design and documentation to support all applicable client, agency, or industry standards schedules and budgets. Ensures program managers are fully informed of testing status and application deviations from documented user requirements. Experience in a computer-related field including progressive experience in performing software testing for complex software hardware applications and/or systems preferred.

Education: Bachelor's degree

Cyber Test Engineer (Junior)

Qualifications: Zero (0) years

Functional Responsibility: Provides testing to support requirements of complex software/hardware applications. Participates in system and application assessments and software/hardware development with emphasis on analysis of user requirements, test design, and test tools selection. Participates in test design and documentation to support all applicable client, agency, or industry standards schedules and budgets. Ensures program managers are fully informed of testing status and application deviations from documented user requirements. Experience in a computer-related field including progressive experience in performing software testing for complex software hardware applications and/or systems preferred.

Education: Bachelor's degree

Cyber Training Developer (Senior)

Qualifications: Six (6) years

Functional Responsibility: Assesses, designs, and conceptualizes training scenarios, approaches, objectives, plans, tools, curriculums, and other technologies related to training. Identifies training requirements to include, but not limited to hardware, software, simulations, course assessment and refreshment, computer assisted and adaptive testing, and team and unit assessment and measurement. Develops and revises training courses. Prepares training catalogs and course materials. Trains personnel by conducting formal classroom courses, workshops, and seminars. Experience in training and training development preferred.

Education: Bachelor's degree

Cyber Training Developer (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Assesses, designs, and conceptualizes training approaches, objectives, plans, tools, curriculums, and other technologies related to training. Identifies training requirements to include, but not limited to hardware, software, course assessment and refreshment, computer assisted and adaptive testing, and team and unit assessment and measurement. Develops and revises training courses. Prepares course materials. Trains personnel by conducting formal classroom courses, workshops, and seminars. Experience in training and training development preferred.

Education: Bachelor's degree

Cyber Training Developer (Junior)

Qualifications: One (1) year

Functional Responsibility: Assesses, designs, and conceptualizes training approaches, objectives, and curriculums related to training. Identifies training requirements to include, but not limited to hardware, software, course assessment and refreshment, computer assisted and adaptive testing, and team and unit assessment and measurement. Develops and revises training courses. Prepares course materials. Trains personnel by conducting formal classroom courses, workshops, and seminars. Experience in training and training development preferred.

Education: Bachelor's degree

Security Operation Center (SOC) Analyst (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Perform monitoring and analysis of various security solutions to include the SIEM solution to detect the presence of unknown or suspected cyber threats. Provide cyber threat analysis and reporting to support SOC and Program's situational awareness. Actively monitor security threats and risks, provide in-depth incident analysis, evaluate security incidents, and will provide proactive threat research. Monitor security tools to review and analyze pre-defined events indicative of incidents and provide first tier response to security incidents. Coordinate with threat operations team to resolve high severity level incidents. Track investigation results and report on findings.

Education: Bachelor's degree or technical certification

Security Operation Center (SOC) Analyst (Junior)

Qualifications: One (1) year

Functional Responsibility: Perform monitoring and analysis of various security solutions to include the SIEM solution to detect the presence of unknown or suspected cyber threats. Provide cyber threat analysis and reporting to support SOC and Program's situational awareness. Actively monitor security threats and risks, provide in-depth incident analysis, evaluate security incidents, and will provide proactive threat research. Monitor security tools to review and analyze pre-defined events indicative of incidents and provide first tier response to security incidents. Coordinate with threat operations team to resolve high severity level incidents. Track investigation results and report on findings.

Education: Bachelor's degree or technical certification



SINs 132-45A-D/RC/STLOC GOVERNMENT SITE RATES:

SINs	Labor Category	4/24/2017 - 4/23/2018 Government Site	4/24/2018 – 4/23/2019 Government Site
132-45A-D	Cyber Applications Systems Analyst/Programmer (Senior)	\$119.68	\$123.27
132-45A-D	Cyber Applications Systems Analyst/Programmer (Intermediate)	\$89.92	\$92.62
132-45A-D	Cyber Applications Systems Analyst/Programmer (Junior)	\$75.78	\$78.05
132-45A-D	Cybersecurity Engineer (Senior)	\$182.21	\$187.68
132-45A-D	Cybersecurity Engineer (Intermediate)	\$118.06	\$121.60
132-45A-D	Cybersecurity Engineer (Junior)	\$100.84	\$103.87
132-45A-D	Cyber Enterprise Architect	\$166.02	\$171.00
132-45A-D	Cyber Helpdesk Specialist (Senior)	\$85.08	\$87.63
132-45A-D	Cyber Helpdesk Specialist (Intermediate)	\$65.19	\$67.15
132-45A-D	Cyber Helpdesk Specialist (Junior)	\$41.50	\$42.75
132-45A-D	Cyber Information Assurance/Security Specialist (Senior)	\$155.64	\$160.31
132-45A-D	Cyber Information Assurance/Security Specialist (Intermediate)	\$117.22	\$120.74
132-45A-D	Cyber Information Assurance/Security Specialist (Junior)	\$75.78	\$78.05
132-45A-D	Cyber Network Engineer (Senior)	\$150.34	\$154.85
132-45A-D	Cyber Network Engineer (Intermediate)	\$81.00	\$83.43
132-45A-D	Cyber Network Engineer (Junior)	\$73.97	\$76.19
132-45A-D	Cyber Program Manager (Principal)	\$196.09	\$201.97
132-45A-D	Cyber Program Manager (Senior)	\$158.37	\$163.12
132-45A-D	Cyber Program Manager (Intermediate)	\$127.26	\$131.08
132-45A-D	Cyber Program Manager (Junior)	\$85.08	\$87.63
132-45A-D	Cyber Quality Assurance Manager	\$121.00	\$124.63
132-45A-D	Cyber Quality Assurance Specialist (Senior)	\$99.68	\$102.67
132-45A-D	Cyber Quality Assurance Specialist (Intermediate)	\$89.56	\$92.25
132-45A-D	Cyber Quality Assurance Specialist (Junior)	\$73.18	\$75.38
132-45A-D	Cyber Security Analyst (Senior)	\$125.71	\$129.48
132-45A-D	Cyber Security Analyst (Intermediate)	\$94.28	\$97.11
132-45A-D	Cyber Security Analyst (Junior)	\$57.62	\$59.35
132-45A-D	Cyber Subject Matter Expert (Senior)	\$176.68	\$181.98
132-45A-D	Cyber Subject Matter Expert (Intermediate)	\$166.02	\$171.00
132-45A-D	Cyber Subject Matter Expert (Junior)	\$114.93	\$118.38
132-45A-D	Cyber Systems Administrator (Senior)	\$99.78	\$102.77
132-45A-D	Cyber Systems Administrator (Intermediate)	\$83.22	\$85.72
132-45A-D	Cyber Systems Administrator (Junior)	\$61.51	\$63.36
132-45A-D	Cyber Systems Engineer (Senior)	\$162.97	\$167.86
132-45A-D	Cyber Systems Engineer (Intermediate)	\$128.48	\$132.33
132-45A-D	Cyber Systems Engineer (Junior)	\$87.36	\$89.98

132-45A-D	Cyber Technical Writer (Senior)	\$80.43	\$82.84
132-45A-D	Cyber Technical Writer (Intermediate)	\$72.09	\$74.25
132-45A-D	Cyber Technical Writer (Junior)	\$45.67	\$47.04
132-45A-D	Cyber Test Engineer (Senior)	\$94.45	\$97.28
132-45A-D	Cyber Test Engineer (Intermediate)	\$72.75	\$74.93
132-45A-D	Cyber Test Engineer (Junior)	\$52.46	\$54.03
132-45A-D	Cyber Training Developer (Senior)	\$101.77	\$104.82
132-45A-D	Cyber Training Developer (Intermediate)	\$84.83	\$87.37
132-45A-D	Cyber Training Developer (Junior)	\$73.52	\$75.73
132-45A-D	Security Operation Center (SOC) Analyst (Intermediate)	\$112.76	\$116.14
132-45A-D	Security Operation Center (SOC) Analyst (Junior)	\$100.45	\$103.46

SINs 132-45A-D/RC/STLOC CONTRACTOR SITE RATES:

SIN	Labor Category	4/24/2017 - 4/23/2018 Contractor Site	4/24/2018 – 4/23/2019 Contractor Site
132-45A-D	Cyber Applications Systems Analyst/Programmer (Senior)	-	-
132-45A-D	Cyber Applications Systems Analyst/Programmer (Intermediate)	-	-
132-45A-D	Cyber Applications Systems Analyst/Programmer (Junior)	-	-
132-45A-D	Cybersecurity Engineer (Senior)	\$209.81	\$216.10
132-45A-D	Cybersecurity Engineer (Intermediate)	\$137.84	\$141.98
132-45A-D	Cybersecurity Engineer (Junior)	\$116.13	\$119.61
132-45A-D	Cyber Enterprise Architect	-	-
132-45A-D	Cyber Helpdesk Specialist (Senior)	-	-
132-45A-D	Cyber Helpdesk Specialist (Intermediate)	-	-
132-45A-D	Cyber Helpdesk Specialist (Junior)	-	-
132-45A-D	Cyber Information Assurance/Security Specialist (Senior)	-	-
132-45A-D	Cyber Information Assurance/Security Specialist (Intermediate)	-	-
132-45A-D	Cyber Information Assurance/Security Specialist (Junior)	-	-
132-45A-D	Cyber Network Engineer (Senior)	-	-
132-45A-D	Cyber Network Engineer (Intermediate)	\$89.09	\$91.76
132-45A-D	Cyber Network Engineer (Junior)	-	-
132-45A-D	Cyber Program Manager (Principal)	-	-
132-45A-D	Cyber Program Manager (Senior)	-	-
132-45A-D	Cyber Program Manager (Intermediate)	\$139.98	\$144.18
132-45A-D	Cyber Program Manager (Junior)	-	-
132-45A-D	Cyber Quality Assurance Manager	\$139.32	\$143.50
132-45A-D	Cyber Quality Assurance Specialist (Senior)	\$109.65	\$112.94
132-45A-D	Cyber Quality Assurance Specialist (Intermediate)	\$94.58	\$97.42
132-45A-D	Cyber Quality Assurance Specialist (Junior)	\$80.49	\$82.90
132-45A-D	Cyber Security Analyst (Senior)	\$140.79	\$145.01
132-45A-D	Cyber Security Analyst (Intermediate)	\$105.59	\$108.76
132-45A-D	Cyber Security Analyst (Junior)	\$64.53	\$66.47
132-45A-D	Cyber Subject Matter Expert (Senior)	\$194.34	\$200.17
132-45A-D	Cyber Subject Matter Expert (Intermediate)	-	-
132-45A-D	Cyber Subject Matter Expert (Junior)	-	-
132-45A-D	Cyber Systems Administrator (Senior)	\$109.76	\$113.05
132-45A-D	Cyber Systems Administrator (Intermediate)	\$91.54	\$94.29
132-45A-D	Cyber Systems Administrator (Junior)	\$67.66	\$69.69
132-45A-D	Cyber Systems Engineer (Senior)	\$187.67	\$193.30
132-45A-D	Cyber Systems Engineer (Intermediate)	\$147.95	\$152.39
132-45A-D	Cyber Systems Engineer (Junior)	\$97.84	\$100.78

132-45A-D	Cyber Technical Writer (Senior)	\$88.48	\$91.13
132-45A-D	Cyber Technical Writer (Intermediate)	-	-
132-45A-D	Cyber Technical Writer (Junior)	\$50.24	\$51.75
132-45A-D	Cyber Test Engineer (Senior)	\$103.89	\$107.01
132-45A-D	Cyber Test Engineer (Intermediate)	\$80.03	\$82.43
132-45A-D	Cyber Test Engineer (Junior)	\$57.70	\$59.43
132-45A-D	Cyber Training Developer (Senior)	\$111.95	\$115.31
132-45A-D	Cyber Training Developer (Intermediate)	\$93.31	\$96.11
132-45A-D	Cyber Training Developer (Junior)	\$80.88	\$83.31
132-45A-D	Security Operation Center (SOC) Analyst (Intermediate)	-	-
132-45A-D	Security Operation Center (SOC) Analyst (Junior)	-	-

TERMS AND CONDITIONS APPLICABLE TO HEALTH INFORMATION TECHNOLOGY (IT) SERVICES (SPECIAL ITEM NUMBER 132-56)

1. SCOPE

- a) The prices, terms and conditions stated under Special Item Number 132-56 Health Information Technology Services apply exclusively to Health IT Services within the scope of this Information Technology Schedule.
- b) This SIN is limited to Health IT Services only. Software and hardware products are out of scope. Hardware and software can be acquired through different Special Item Numbers on IT Schedule 70 (e.g. 132-32, 132-33, 132-8)
- c) This SIN provides ordering activities with access to Health IT services
- d) Health IT Services provided under this SIN shall comply with all Healthcare certifications and industry standards as applicable at the task order level.
- e) The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2. ORDER

- a) Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.
- b) All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

3. PERFORMANCE OF SERVICES

- a) The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity. All Contracts will be fully funded.

- b) The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering agency.
- c) The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Service shall be completed in a good and workmanlike manner.
- d) Any Contractor travel required in the performance of Health IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts. All travel will be agreed upon with the client prior to the Contractor's travel.

4. INSPECTION OF SERVICES

In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I OCT 2008) (DEVIATION I – FEB 2007) applies to Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

5. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Dec 2007) Rights in Data – General, may apply.

6. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite Health IT Services.

7. INDEPENDENT CONTRACTOR

All Health IT Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

8. ORGANIZATIONAL CONFLICTS OF INTEREST

- a) Definitions.

“Contractor” means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

“Contractor and its affiliates” and “Contractor or its affiliates” refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An “Organizational conflict of interest” exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor’s or its affiliates’ objectivity in performing contract work.

- b) To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

9. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for Health IT Services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

10. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

11. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the

ordering activity in accordance with the guidelines set forth in the FAR.

12. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

13. DESCRIPTION OF HEALTH IT SERVICES AND PRICING

- a) The Contractor shall provide a description of each type of Health IT Service offered under Special Item Number 132-56 Health IT Services and it should be presented in the same manner as the Contractor sell to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

- b.) Pricing for all Health IT Services shall be in accordance with the Contractor’s customary commercial practices; e.g. hourly rates, monthly rates, term rates, and/or fixed prices, minimum general experience and minimum education.

The following is an example of the manner in which the description of a commercial job title should be presented:

EXAMPLE: Commercial Job Title: Health IT Subject Matter Expert

Minimum Experience: Ten (10) Years

Functional Responsibilities: Significant information technology consulting and clinical information system strategy and implementation experience. Experienced in client engagements representing a wide array of activities, related to professional information technology projects, in a healthcare clinical environment, including strategic planning related to information technology systems and/or software, governance, process design/ redesign, clinical content development, and communications and training strategies for information technology solutions.

Minimum Education: Medical Doctor or Doctor of Osteopathic Medicine.

SIN 132-56/RC/STLOC LABOR CATEGORIES AND DESCRIPTIONS:

The following table demonstrates the equivalent years of experience required to substitute for education requirement.

Degree Required	Equivalent Years of Experience Needed
Associate’s Degree	3
Bachelor's Degree	6
Master’s Degree	8
PhD/Professional License	10

Health IT Applications Systems Analyst/Programmer (Senior)

Qualifications: Four (4) years

Functional Responsibility: Provides high level expertise in developing complex software applications involving new technologies, methods, concepts or approaches. Provides supervisory, technical, and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and user standards, and for progress in accordance with schedules. Computer experience working independently or under general direction on complex application problems involving all phases of systems analysis with experience in analysis and design of business applications for complex large-scale or mid-tier computer systems, or LANbased systems, to include experience in database management systems (DBMS), and use of programming languages preferred. Knowledge of current storage and retrieval methods and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs preferred. General experience supervising personnel performing software development tasks preferred. Scope is Health IT related.

Education: Master’s degree

Health IT Applications Systems Analyst/Programmer (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Analyzes business or scientific problems for resolution through electronic data processing. Gathers information from users, defines work problems, and, if feasible, designs a system of computer programs and procedures to resolve the problems. Develops complete specifications or enable Computer Programmers to prepare required programs; analyzes subject-matter operations to be automated; specifies number and types of records, files, and documents to be used and outputs to be produced; prepares work diagrams and data flow charts; coordinates tests of the system and participates in trial runs of new and revised systems; and recommends computer equipment changes to obtain more effective operations. The Applications Systems Analyst/Programmer (Intermediate) may also write computer programs. Provides development services for moderately complex applications using standard approaches or less complex systems using new approaches. Works on a segment of a complex data processing scheme or broad system. Computer experience in information systems design and management preferred. Demonstrated ability to work independently or under general direction on requirements that are moderately complex to analyze, plan, program, and implement preferred. Experience in analysis and design of business application for complex large-scale or mid-tier computer or LAN-based systems, including experience in DBMS, and use of programming languages preferred. Knowledge of current storage and retrieval methods preferred; systems analysis experience designing technical applications on computer systems preferred; and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and

debugging of computer programs preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Applications Systems Analyst/Programmer (Junior)

Qualifications: One (1) year

Functional Responsibility: Analyzes business or scientific problems for resolution through electronic data processing. Gathers information from users, defines work problems, and, if feasible, designs a system of computer programs and procedures to resolve the problems. Under supervision develops complete specifications or enable Computer Programmers to prepare required programs; analyzes subject-matter operations to be automated; specifies number and types of records, files, and documents to be used and outputs to be produced; prepares work diagrams and data flow charts; coordinates tests of the system and participates in trial runs of new and revised systems; and recommends computer equipment changes to obtain more effective operations. The Applications Systems Analyst/Programmer (Junior) may also be called upon to write computer programs. Provides entry level systems development support using standard approaches and several phases of the required systems analysis where the nature of the system is predetermined. Uses established fact-finding approaches, knowledge of pertinent work processes and procedures, and familiarity with related computer programming practices, system software, and computer equipment. Computer experience in assignments of a technical nature working under close supervision and direction and experience in analyzing and programming application on large-scale or midtier computers (or LAN-based) with experience in the design and programming of moderately complex ADP systems preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Budget/Financial Analyst (Senior)

Qualifications: Six (6) years.

Functional Responsibility: Duties include, but are not limited to, evaluation and recommendation of products and services. Possesses detail understanding and training in applicable finance and accounting administration practices and tools for the specific project and environment (e.g. Quickbooks, Deltek Cobra, GCS Premier, etc).

Follows statutory requirements to assist in budget formulation, execution, analysis, problem resolution, program build briefings, and development of budget descriptions and justifications. Prepares independent cost estimates, develops life-cycle cost estimates and analyses, and performs cost benefit and economic evaluations. Collects cost and technical data, develops cost estimating methods to include modeling and statistical analysis and develops cost instructions and policies/procedures. Experience providing management and support in the areas of budget, billing, reporting, and financial management for IT initiatives preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Budget/Financial Analyst (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Duties include, but are not limited to, evaluation and recommendation of products and services. Possesses detail understanding and training in applicable finance and accounting administration practices and tools for the specific project and environment (e.g. Quickbooks, Deltek Cobra, GCS Premier, etc).

Follows statutory requirements to assist in budget formulation, execution, analysis, problem resolution, program build briefings, and development of budget descriptions and justifications. Prepares independent cost estimates, develops life-cycle cost estimates and analyses, and performs cost benefit and economic evaluations. Collects cost and technical data, develops cost estimating methods to include modeling and statistical analysis and develops cost instructions and policies/procedures. Experience providing management and support in the areas of budget, billing, reporting, and financial management for IT initiatives preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Budget/Financial Analyst (Junior)

Qualifications: Two (2) years

Functional Responsibility: Follows statutory requirements to assist in budget formulation, execution, analysis, problem resolution, program build briefings, and development of budget descriptions and justifications. Prepares independent cost estimates, develops life-cycle cost estimates and analyses, and performs cost benefit and economic evaluations. Collects cost and technical data, develops cost estimating methods to include modeling and statistical analysis and develops cost instructions and policies/procedures. Experience in providing support in the areas of budget, billing, reporting, and financial management for IT initiatives preferred. Duties include, but are not limited to, evaluation and recommendation of products and services. Possession of detail understanding and training in applicable finance and accounting administration practices and tools for the specific project and environment (e.g. Quickbooks, Deltek Cobra, GCS Premier, etc) preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Business Analyst (Senior)

Qualifications: Six (6) years

Functional Responsibility: Assembles, prepares, and analyzes data for studies, statistical models, evaluations, system requirements, and other needs. Uses technical discretion within defined practices and policies in selecting methods and techniques for determining approaches or obtaining solutions. Assembles, prepares, and analyzes data. Provides technical advice and operating assistance in interpreting results. Provides input or may prepare technical reports based on the expert interpretation of analyzed data. Experience in providing support in a related field preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Business Analyst (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Assembles, prepares, and analyzes data for studies, statistical models, evaluations, system requirements, and other needs. Uses technical discretion within defined practices and policies in selecting methods and techniques for determining approaches or obtaining solutions. Assembles, prepares, and analyzes data. Provides technical advice and operating assistance in interpreting results. Provides input or may prepare technical reports based on the expert interpretation of analyzed data. Experience in providing support in a related field preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Business Analyst (Junior)

Qualifications: One (1) year

Functional Responsibility: Assembles, prepares, and analyzes data for studies, statistical models, evaluations, system requirements, and other needs. Uses technical discretion within defined practices and policies in selecting methods and techniques for determining approaches or obtaining solutions. Assembles, prepares, and analyzes data. Provides technical advice and operating assistance in interpreting results. Provides input or may prepare technical reports based on the expert interpretation of analyzed data. Experience providing support in a related field preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Business Subject Matter Expert

Qualifications: Ten (10) years

Functional Responsibility: Confers with client management to understand the client's strategic information technology business goals and information technology strategy. Analyzes client requirements and recommends development or acquisition strategies. Assists clients in developing strategic plans and concepts. Advises client on the impact of new legislation or new technologies that are relevant to their agency. Demonstrates superior oral and written communication skills. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Configuration Management Specialist (Senior)

Qualifications: Six (6) years

Functional Responsibility: Manages staff and regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Provides configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Experience in configuration management and control preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Configuration Management Specialist (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Provides configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Experience in configuration management and control preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Configuration Management Specialist (Junior)

Qualifications: Zero (0) years

Functional Responsibility: Regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Experience in configuration management and control preferred. Scope is Health IT related.

Education: Associate's degree

Health IT Cybersecurity Engineer (Senior)

Qualifications: Eight (8) years

Functional Responsibility: Provides functional expertise in defining security requirements and developing security solutions for information protection. Defines and develops security policies and processes related to the protection of sensitive or classified information. Designs, develops, engineers and implement solutions to protection of sensitive or classified information. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in defining security programs or processes for the protection of sensitive or classified information preferred. Experience in one or more systems and architectures and associated hardware: mainframe, mini, or client/server based preferred. Experience in systems analysis and programming preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Cybersecurity Engineer (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides functional expertise in defining security requirements and developing security solutions for information protection. Defines and develops security policies and processes related to the protection of sensitive or classified information. Designs, develops, engineers and implement solutions to protection of sensitive or classified information. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in one or more systems and associated hardware: mainframe, mini, or client/server based preferred. Experience in systems analysis and programming preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Cybersecurity Engineer (Junior)

Qualifications: One (1) year

Functional Responsibility: Provides functional support in defining security requirements and developing security solutions for information protection. Designs, develops, engineers and implement solutions to protection of sensitive or classified information. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in systems analysis and programming preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Database Specialist (Principal)

Qualifications: Ten (10) years

Functional Responsibility: Lead teams in the database design and implementation process. Develop and test logical and physical database designs. Review logical and physical designs of existing databases and perform tuning, in coordination with the senior database engineer, to ensure maximum operating efficiency. Perform data analysis, database design, development activities, and implementation, as directed, for databases and database conversions. Perform database-restructuring activities. Work with users and information systems development staff to determine data storage and access requirements. Experience in the development and maintenance of database management systems-and database management systems design, system analysis, and development preferred. Experience in current operating internals and database management systems preferred. Experience in all phases of the software-development life cycle preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Database Specialist (Senior)

Qualifications: Seven (7) years

Functional Responsibility: Develop and test logical and physical database designs. Review logical and physical designs of existing databases and perform tuning, in coordination with the senior database engineer, to ensure maximum operating efficiency. Perform data analysis, database design, development activities, and implementation, as directed, for databases and database conversions. Perform database-restructuring activities. Work with users and information systems development staff to determine data storage and access requirements. Experience in the development and maintenance of database management systems-and database management systems design, system analysis, and development preferred. Experience in current operating internals and database management systems preferred. Experience in all phases of the software-development life cycle preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Database Specialist (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Guide the development and management of database system development projects. Provide technical expertise and guidance in the logical and physical database design, development, transition, operation, and maintenance of database management systems. Conduct management studies and define data requirements. Evaluate the data processing techniques, database management, and management information system concepts and applications as they relate to customer information needs and goals. Define all required database administration policies, procedures, standards, and guidelines. Experience in providing technical expertise and guidance in the definition, control, integrity, operations, and management of database management systems preferred. Duties include, but are not limited to, evaluation and recommendation of products and services. Possession of detail understanding and training in applicable database administration practices and tools for the specific project and environment (e.g. MS Access™, MS SQL Server™, Oracle™, etc) preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Database Specialist (Junior)

Qualifications: Three (3) years

Functional Responsibility: Acts as a project member in the design and installation of database applications. Ensures appropriate linkages to existing databases and data processing systems. Ensures adequate security and recovery procedures are included in all data base designs. Directs the training of user groups in the protocols involved in updating and accessing the database. Monitors database transactions to ensure correct usage of the database. Provides technical expertise on the database system to user and data processing personnel. Experience in current database management systems technologies, application design utilizing various database management systems, and experience with database management systems internals preferred. Experience demonstrating the ability to meet the duties described preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Enterprise Architect

Qualifications: Ten (10) years

Functional Responsibility: Provides high-level architectural expertise to managers and technical staff. Develops architectural products and deliverables for the enterprise and operational business lines. Develops strategy of system and the design infrastructure necessary to support that strategy. Advises on selection of technological purchases with regards to processing, data storage, data access, and applications development. Sets standards for the client/server relational structure for the organization (SQL, ORACLE, SYBASE, etc.). Advises of feasibility of potential future projects to management. Experience in the development and maintenance of systems, Integration Tier, Security, Standards compliance, business activity monitoring, systems design, system analysis, and development preferred. Experience in defining and implementing a systems architecture using a combination of COTS processing, networking and data storage components into an embedded solution preferred. Scope is Health IT related.

Education: Bachelor's Degree

Education:

Health IT Helpdesk Specialist (Senior)

Qualifications: Six (6) years

Functional Responsibility: Leads helpdesk and support team and facilitates higher level support. Provides phone and in-person oversight support to users in the areas of e-mail, directories, standard Windows desktop applications, and other applications. May serve as the follow on point of contact for troubleshooting network applications, and hardware/software PC and printer problems. Experience including knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and work on a help desk preferred. Demonstrated ability to communicate orally and in writing and a positive customer service attitude preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Helpdesk Specialist (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and other applications. May serve as the initial point of contact for troubleshooting network applications, and hardware/software PC and printer problems. Experience including knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and work on a help desk preferred. Demonstrated ability to communicate orally and in writing and a positive customer service attitude preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Helpdesk Specialist (Junior)

Qualifications: Two (2)

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and other applications. May serve as the initial point of contact for troubleshooting network applications, and hardware/software PC and printer problems. Experience including knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and work on a help desk preferred. Demonstrated ability to communicate orally and in writing and a positive customer service attitude preferred. Scope is Health IT related.

Education: Associate's degree

Health IT Information Assurance/Security Specialist (Senior)

Qualifications: Six (6) years

Functional Responsibility: Formulates and assesses IT security policy to include business impact. Prepares security plans for employing enterprise-wide security architecture to include the design of cryptographic solutions. Develops integrated security services management. Executes security awareness training. Assesses and audits network penetration testing anti virus planning assistance, risk analysis and incident response. Provides security engineering support for application development (including system security certifications and project evaluations). This may include the development, design and implementation of firewalls, and evaluation, review and test of security code. Experience with several architectures and platforms in an integrated environment preferred. Specialized project experience or formal training preferred. Scope is

Health IT related.

Education: Master's Degree

Health IT Information Assurance/Security Specialist (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Formulates and assesses IT security policy to include business impact. Prepares security plans for employing enterprise-wide security architecture to include the design of cryptographic solutions. Develops integrated security services management. Executes security awareness training. Assesses and audits network penetration testing anti virus planning assistance, risk analysis and incident response. Provides security engineering support for application development (including system security certifications and project evaluations). This may include the development, design and implementation of firewalls, and evaluation, review and test of security code. Experience with several architectures and platforms in an integrated environment preferred. Specialized project experience or formal training preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Information Assurance/Security Specialist (Junior)

Qualifications: One (1) year

Functional Responsibility: Formulates and assesses IT security policy to include business impact. Prepares security plans for employing enterprise-wide security architecture to include the design of cryptographic solutions. Develops integrated security services management. Executes security awareness training. Assesses and audits network penetration testing anti virus planning assistance, risk analysis and incident response. Provides security engineering support for application development (including system security certifications and project evaluations). This may include the development, design and implementation of firewalls, and evaluation, review and test of security code. Experience with several architectures and platforms in an integrated environment preferred. Significant knowledge of the field and the ability to work independently on typical assignments preferred. Specialized project experience or formal training preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Microsoft Consulting Services SME II

Qualifications: Nine (9) years

Functional Responsibility: Familiarity with Microsoft in one or more of the following areas preferred: Microsoft Solutions Framework, product futures, and relevant Certified Training in infrastructure and/or development areas associated with Microsoft's products. Experience in Microsoft services as well as business solutions deployment for professional service companies including consulting, IT service, architecture, engineering, or other project-centric organizations preferred. Expert in Microsoft specific software such as SharePoint, Exchange, Skype, Active Directory, and others preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Microsoft Consulting Services SME I

Qualifications: Seven (7)

Functional Responsibility: Familiarity with Microsoft in one or more of the following areas preferred: Microsoft Solutions Framework, product futures, and relevant Certified Training in infrastructure and/or development areas associated with Microsoft's products. Experience in Microsoft services as well as business solutions deployment for professional service companies including consulting, IT service, architecture, engineering, or other project-centric organizations preferred. Expert in Microsoft specific software such as SharePoint, Exchange, Skype, Active Directory, and others preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Network Engineer (Senior)

Qualifications: Six (6) years

Functional Responsibility: Assists in the development and maintenance of network communications. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. Experience in the field or in a related area preferred. Familiarity with a variety of the field's concepts, practices, and procedures preferred. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is preferred. Typically reports to a manager. Expert knowledge of LAN/WAN systems, networks, and applications preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Network Engineer (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Assists in the development and maintenance of network communications. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. Familiarity with a variety of the field's concepts, practices, and procedures preferred. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is preferred. Typically reports to a manager. Network engineering experience and knowledge of LAN/WAN systems, networks, and applications preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Network Engineer (Junior)

Qualifications: Two (2) years

Functional Responsibility: Under supervision performs a variety of network engineering tasks which are broad in nature and are concerned with the design and implementation of integrated networks, including personal, hardware, software and support facilities and/or equipment. Installs; configures and maintains software in a client/server networked environment. Installs local area networks (LANs) as well as wide area networks (WANs.) Selects, orders and installs equipment at Customer field sites. This activity includes the installation of infrastructure and equipment, operating systems and user software, as well as maintenance and exercise support. Installs infrastructures including routers, hubs, and interconnections. Assists in providing technical documentation to support installation activities. Assists with Customer on-site surveys. Participates in the preparation of drawings and reports documenting and recording on-site activities. Interfaces with customers, end users and team members for site activities as directed. Performs systems checkout/test and introductory training as required. Perform trips to customer sites for installations, surveys and audits. Relative experience in performing a variety of networks engineering tasks, which are broad in nature preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Program Manager (Principal)

Qualifications: Twelve (12) years

Functional Responsibility: Responsible for the performance of programs, projects, or subsystems of major programs or projects. Directs all phases of programs/projects from inception through completion. Coordinates the preparation of project plans, milestones, and operating budgets. Acts as primary customer contact for program activity, leading program review sessions with customer to discuss cost, schedule and technical performance. Establishes design concepts, criteria and engineering efforts for product research, development integration and test. Establishes milestones and monitors adherence to master plans and schedules. Identifies program problems and obtain solutions. Directs the work of technical, analytical, architectural and administrative assignments to the project or program. Experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects preferred. Technical experience in software engineering, Management information systems, and/or information security engineering or related program capacity preferred. Scope is Health IT related.

Education: Master's Degree

Health IT Program Manager (Senior)

Qualifications: Eight (8) years

Functional Responsibility: Consults with the client to ensure conformity to project and contractual obligations for, but not limited to, IT projects/initiatives. Familiarity with all phases of the systems development life cycle (i.e., identification, design, development, implementation, & maintenance of automated systems) preferred. Oversees the analysis, design and development of new systems and system enhancements. Approves documentation standards, system specifications, feasibility and justification reports, and policy recommendations. Oversees the development and installation of techniques and procedures to implement policy decisions with regard to organizational structures, program evaluation and productivity improvements.

Establishes and maintains technical and financial reports in order to show progress of projects to management and customers. Organizes and assigns responsibilities to subordinates and oversees the successful completion of all assigned IT tasks. Ensures the development,

maintenance and implementation of Program Management Plans and Technical Specifications Plan; documents that guide the performance of all functional and technical activities performed. Ensures that maximum service is obtained from all operations through efficient use of personnel and equipment. Simultaneously plans and manages diverse and highly technical projects. Responsible for leading and performing IT training of line personnel on the project approach, techniques, software, hardware, etc. Experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects preferred. Technical experience in a software engineering, Management information systems, and/or information security engineering or related program capacity preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Program Manager (Intermediate)

Qualifications: Six (6) years

Functional Responsibility: Consults with the client to ensure conformity to project and contractual obligations for, but not limited to, IT projects/initiatives. Familiarity with all phases of the systems development life cycle (i.e., identification, design, development, implementation, & maintenance of automated systems) preferred. Oversees the analysis, design and development of new systems and system enhancements. Approves documentation standards, system specifications, feasibility and justification reports, and policy recommendations. Oversees the development and installation of techniques and procedures to implement policy decisions with regard to organizational structures, program evaluation and productivity improvements.

Establishes and maintains technical and financial reports in order to show progress of projects to management and customers. Organizes and assigns responsibilities to subordinates and oversees the successful completion of all assigned IT tasks. Ensures the development, maintenance and implementation of Program Management Plans and Technical Specifications Plan; documents that guide the performance of all functional and technical activities performed. Experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Program Manager (Junior)

Qualifications: Four (4) years

Functional Responsibility: Consults with the client to ensure conformity to project and contractual obligations for, but not limited to, IT projects/initiatives. Familiarity with all phases of the systems development life cycle (i.e., identification, design, development, implementation, & maintenance of automated systems) preferred. Oversees the analysis, design and development of new systems and system enhancements. Approves documentation standards, system specifications, feasibility and justification reports, and policy recommendations. Oversees the development and installation of techniques and procedures to implement policy decisions with regard to organizational structures, program evaluation and productivity improvements.

Establishes and maintains technical and financial reports in order to show progress of projects to management and customers. Organizes and assigns responsibilities to subordinates and oversees the successful completion of all assigned IT tasks. Ensures the development, maintenance and implementation of Program Management Plans and Technical Specifications Plan; documents that guide the performance of all functional and technical activities performed. Ensures that maximum service is obtained from all operations through efficient use of personnel and equipment. Simultaneously plans and manages diverse and highly technical

projects. Responsible for leading and performing IT training of line personnel on the project approach, techniques, software, hardware, etc. Experience performing tasks focused on the leadership and/or task management of information systems engineering or systems integration projects preferred. Technical experience in a software engineering, Management information systems, and/or information security engineering or related program capacity preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Quality Assurance Manager

Qualifications: Eight (8) years

Functional Responsibility: Provides management and oversight of quality assurance and quality control activities.

Responsibility: Performs development of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. Provides independent assessment of how the project's development and implementation process is compliant with the defined process, and recommends methods to optimize the organization's process. Responsible for all activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in quality assurance or quality control preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Quality Assurance Specialist (Senior)

Qualifications: Six (6) years

Functional Responsibility: Provides development of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. Provides independent assessment of how the project's development and implementation process is compliant with the defined process, and recommends methods to optimize the organization's process. May be responsible for all activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in quality assurance or quality control preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Quality Assurance Specialist (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides execution of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. Provides independent assessment of how the project's development and implementation process is compliant with the defined process, and recommends methods to optimize the organization's process. May be responsible for all activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in quality assurance or quality control preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Quality Assurance Specialist (Junior)

Qualifications: Zero (0) years

Functional Responsibility: Provides execution of project Quality Assurance Plan and the implementation of procedures that conforms project requirements. With oversight responsible for activities involving quality assurance and compliance with applicable regulatory requirements. Conducts audits and reviews/analyzes data and documentation. Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications. Experience in project or quality review and assessment preferred. Scope is Health IT related.

Education: Associate's degree

Health IT Security Analyst (Senior)

Qualifications: Seven (7) years

Functional Responsibility: Provides technical expertise determining enterprise information assurance and cyber security standards. Develops and implements information assurance/security standards and procedures. Coordinates, develops, and evaluates security programs. Recommends information assurance/security solutions to support customers' requirements. Identifies, reports, and resolves cyber security violations. Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in functional and systems analysis and requirements analysis in a specialized IT area preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Security Analyst (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Provides technical expertise determining information assurance and cyber security standards. Develops and implements information assurance/security standards and procedures. Recommends information assurance/security solutions to support customers' requirements. Identifies, reports, and resolves cyber security violations. Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in functional and systems analysis and requirements analysis in a specialized IT area preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Security Analyst (Junior)

Qualifications: One (1) year

Functional Responsibility: Recommends information assurance/security solutions to support customers' requirements. Identifies, reports, and resolves cyber security violations. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance and cyber security-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. Experience in functional and systems analysis preferred. Scope is Health IT related.

Education: Associate's degree

Health IT SharePoint Architect/Developer

Qualifications: Five (5) years

Functional Responsibility: Designs and develops SharePoint systems to accomplish functions in an optimum manner. Develops plans for systems from project inception to completion. Analyzes the problem and the information to be processed and defines the solution. Designs and builds user interfaces for SharePoint sites using a variety of techniques, and tools. Ensures that the "look and feel" supports the organization's strategies and goals and facilitates user interaction with the system. SharePoint Development experience preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Software Development Engineer (Principal)

Qualifications: Eight (8) years

Functional Responsibility: Provides supervisory technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Analyzes requirements for computer capabilities and determining system functions. Coordinates with Contractor Program Manager and Government Project Manager to ensure problem solution and user satisfaction. Prepares and delivers presentations on the system concept to colleagues, subordinates and user representatives. Systems analysis/programming experience preferred. Scope is Health IT related.

Education: Master's degree

Health IT Software Development Engineer (Senior)

Qualifications: Six (6) years

Functional Responsibility: Provides supervisory technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Analyzes requirements for computer capabilities and determining system functions. Coordinates with Contractor Program Manager and Government Project Manager to ensure problem solution and user satisfaction. Prepares and delivers presentations on the system concept to colleagues, subordinates and user representatives. Systems analysis/programming experience preferred. Independent analysis/programming experience, with complete responsibility for tasks involving analysis, programming and implementation preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Software Development Engineer (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Designs and documents data systems to accomplish system functions in an optimum manner. Develops plans for IT systems from project inception to completion. Analyzes the problem and the information to be processed and defines the solution. Develops computer programs and functions that meet the system design efficiently and that provide for ease of maintenance. Develops computer programs in a suitable language in conformance with programming standards. Systems analysis/programming experience preferred. Independent analysis/programming experience, with complete responsibility for tasks involving analysis, programming and implementation preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Software Development Engineer (Junior)

Qualifications: One (1) year

Functional Responsibility: Designs and documents data systems to accomplish system functions in an optimum manner. Develops plans for IT systems from project inception to completion. Analyzes the problem and the information to be processed and defines the solution. Develops computer programs and functions that meet the system design efficiently and that provide for ease of maintenance. Develops computer programs in a suitable language in conformance with programming standards. Systems analysis/programming experience preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Subject Matter Expert (Senior)

Qualifications: Ten (10) years

Functional Responsibility: Recognized for technical knowledge and judgment in a technical field with proficiency in relevant engineering principles and practices as required for technically complex assignments. Develops solutions to difficult problems. Generates concepts as evidenced by product or process improvement. Uses engineering/scientific tools to integrate requirements and solve technical problems. Utilizes tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Leads engineering team activities in a specialized engineering or technology subject area. Leads technical planning activities and provides technical guidance. Experience in technical functional areas preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Subject Matter Expert (Intermediate)

Qualifications: Eight (8) years

Functional Responsibility: Recognized for technical knowledge and judgment in a technical field with proficiency in relevant engineering principals and practices as required for technically complex assignments. Develops solutions to difficult problems. Generates concepts as evidenced by product or process improvement. Uses engineering/scientific tools to integrate requirements and solve technical problems. Utilizes tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Leads engineering team activities in a specialized engineering or technology subject area. Contributes to the technical planning process and provides technical guidance. Experience in functional areas preferred. Scope is

Health IT related.

Education: Bachelor's degree

Health IT Subject Matter Expert (Junior)

Qualifications: Four (4) years

Functional Responsibility: Applies knowledge in a technical field with proficiency in relevant engineering principals and practices. Implements solutions to difficult problems. Generates concepts as evidenced by product or process improvement. Uses engineering/scientific tools to integrate requirements and solve technical problems. Utilizes tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Participates in engineering team activities in a specialized engineering or technology subject area. Contributes to the technical planning process and provides technical guidance. Experience in functional areas preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Systems Administrator (Senior)

Qualifications: Five (5) years

Functional Responsibility: Provides technical support for implementation, administration, troubleshooting and maintenance of IT systems. Manages IT system infrastructure and processes related to these systems. Provides support to IT systems including: day-to-day operations, monitoring and problem resolution for all of the client problems. Provides second level problem identification, diagnosis and resolution of problems. Provides support for the dispatch system and hardware problems and remains involved in the resolution process. Provides support for the escalation and communication of status to agency management and internal customers. Experience in one or more systems and architectures and associated hardware: mainframe, mini, or client/server based preferred. Experience in systems or network oversight preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Systems Administrator (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Provides technical support for implementation, administration, troubleshooting and maintenance of IT systems. Manages IT system infrastructure and processes related to these systems. Provides support to IT systems including: day-to-day operations, monitoring and problem resolution for all of the client problems. Provides second level problem identification, diagnosis and resolution of problems. Provides support for the dispatch system and hardware problems and remains involved in the resolution process. Provides support for the escalation and communication of status to agency management and internal customers. Experience in one or more systems and architectures and associated hardware: mainframe, mini, or client/server based. Experience in systems or network oversight preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Systems Administrator (Junior)

Qualifications: One (1) year

Functional Responsibility: Provides technical support for implementation, administration, troubleshooting and maintenance of IT systems. Provides support to IT systems including: day-to-day operations, monitoring and problem resolution for all of the client problems. Provides second level problem identification, diagnosis and resolution of problems. Provides support for the dispatch system and hardware problems and remains involved in the resolution process. Provides support for the escalation and communication of status to agency management and internal customers. Experience in systems or network administration and operations preferred. Scope is Health IT related.

Education: Associate's degree

Health IT Systems Engineer (Senior)

Qualifications: Eight (8) years

Functional Responsibility: Provides highly technical expertise and guidance for performance of tasks where it is needed. Expertise may be in advanced or highly complex IT systems. Performs in all phases of systems development and implementation, with special emphasis on study and analysis, and testing and acceptance phases. Performs evaluation of current IT operations in order to determine multi-year projections for personnel, hardware, and software. Participates in hardware/software evaluations. May be required to act as supervisor on one or more tasks. Supports contract management and systems analysts, as well as Government personnel to ensure that the problem has been properly identified and that the solution shall satisfy the customer's requirements. Provides highly technical expertise and guidance in IT specialties not covered by other specialists. Systems analysis in a specialized IT area(s), e.g. telecommunications, operating systems software, software/hardware integration, software validation and verification preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Systems Engineer (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Provides technical expertise and guidance for performance of tasks where it is needed. Performs in all phases of systems development and implementation, with special emphasis on study and analysis, and testing and acceptance phases. Performs evaluation of current IT operations in order to determine multi-year projections for personnel, hardware, and software. Participates in hardware/software evaluations. May be required to act as supervisor on one or more tasks. Supports contract management and systems analysts, as well as Government personnel to ensure that the problem has been properly identified and that the solution shall satisfy the customer's requirements. Provides highly technical expertise and guidance in IT specialties not covered by other specialists. Systems analysis in a specialized IT area(s), e.g. telecommunications, operating systems software, software/hardware integration, software validation and verification preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Systems Engineer (Junior)

Qualifications: One (1) year

Functional Responsibility: Performs in all phases of systems development and implementation, with special emphasis on study and analysis, and testing and acceptance phases. Performs evaluation of current IT operations in order to determine multi-year projections for personnel, hardware, and software. Participates in hardware/software evaluations. Supports systems analysts, as well as Government personnel to ensure that the problem has been properly identified and that the solution shall satisfy the customer's requirements. Provides technical expertise and guidance in IT specialties not covered by other specialists. Systems analysis in a specialized IT area(s), e.g. telecommunications, operating systems software, software/hardware integration, software validation and verification preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Technical Writer (Senior)

Qualifications: Five (5) years

Functional Responsibility: Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Knowledge of commonly-used concepts, practices, and procedures within a particular field preferred. Oversees staff developing technical documents and workflows. Experience developing and providing technical and end-user documents on technical services, computer hardware and application software preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Technical Writer (Intermediate)

Qualifications: Zero (0) years

Functional Responsibility: Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Knowledge of commonly-used concepts, practices, and procedures within a particular field preferred. Relies on instructions and pre-established guidelines to perform the functions of the job. Primary job functions do not typically require exercising independent judgment. Works under immediate supervision; typically reports to a supervisor or manager. Experience in developing and providing technical and end-user training on computer hardware and application software preferred. Experience in the field or in a related area preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Technical Writer (Junior)

Qualifications: Zero (0) years

Functional Responsibility: May be responsible for coordinating the display of graphics and the production of the document. 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. Primary job functions do not typically require exercising independent judgment. Works under immediate supervision; typically reports to a supervisor or manager. Experience developing and providing technical and end-user documents on technical services, computer hardware and application software preferred. Scope is Health IT related.

Education: Associate's Degree

Health IT Test Engineer (Senior)

Qualifications: Five (5) years

Functional Responsibility: Provides subject matter expertise-level testing proficiency to support requirements of complex software/hardware applications. Directs and participates in all phases of system and application assessments and software/hardware development with emphasis on analysis of user requirements, test design, and test tools selection. Manages the test design and documentation to support all applicable client, agency, or industry standards schedules and budgets. Ensures program managers are fully informed of testing status and application deviations from documented user requirements. Experience in a computer-related field including progressive experience in performing software testing for complex to highly complex software hardware applications and/or systems preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Test Engineer (Intermediate)

Qualifications: Two (2) years

Functional Responsibility: Provides testing proficiency to support requirements of complex software/hardware applications. Directs and participates in all phases of system and application assessments and software/hardware development with emphasis on analysis of user requirements, test design, and test tools selection. Manages the test design and documentation to support all applicable client, agency, or industry standards schedules and budgets. Ensures program managers are fully informed of testing status and application deviations from documented user requirements. Experience in a computer-related field including progressive experience in performing software testing for complex software hardware applications and/or systems preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Test Engineer (Junior)

Qualifications: Zero (0) years

Functional Responsibility: Provides testing to support requirements of complex software/hardware applications. Participates in system and application assessments and software/hardware development with emphasis on analysis of user requirements, test design, and test tools selection. Participates in test design and documentation to support all applicable client, agency, or industry standards schedules and budgets. Ensures program managers are fully informed of testing status and application deviations from documented user requirements. Experience in a computer-related field including progressive experience in performing software testing for complex software hardware applications and/or systems preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Training Developer (Senior)

Qualifications: Six (6) years

Functional Responsibility: Assesses, designs, and conceptualizes training scenarios, approaches, objectives, plans, tools, curriculums, and other technologies related to training. Identifies training requirements to include, but not limited to hardware, software, simulations, course assessment and refreshment, computer assisted and adaptive testing, and team and unit assessment and measurement. Develops and revises training courses. Prepares training catalogs and course materials. Trains

personnel by conducting formal classroom courses, workshops, and seminars. Experience in training and training development preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Training Developer (Intermediate)

Qualifications: Four (4) years

Functional Responsibility: Assesses, designs, and conceptualizes training approaches, objectives, plans, tools, curriculums, and other technologies related to training. Identifies training requirements to include, but not limited to hardware, software, course assessment and refreshment, computer assisted and adaptive testing, and team and unit assessment and measurement. Develops and revises training courses. Prepares course materials. Trains personnel by conducting formal classroom courses, workshops, and seminars. Experience in training and training development preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Training Developer (Junior)

Qualifications: One (1) year

Functional Responsibility: Assesses, designs, and conceptualizes training approaches, objectives, and curriculums related to training. Identifies training requirements to include, but not limited to hardware, software, course assessment and refreshment, computer assisted and adaptive testing, and team and unit assessment and measurement. Develops and revises training courses. Prepares course materials. Trains personnel by conducting formal classroom courses, workshops, and seminars. Experience in training and training development preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Web Developer (Senior)

Qualifications: Six (6) years

Functional Responsibility: Designs and builds user interfaces for web sites using a variety of graphics software applications, techniques, and tools. Interface design includes animation and special-effects elements. Ensures that the "look and feel" supports the organization's strategies and goals and facilitates user interaction with the system. Experience in open source development, HTML, and knowledge of web architecture/development for the web preferred. Scope is Health IT related.

Education: Bachelor's Degree

Health IT Web Developer (Intermediate)

Qualifications: Three (3) years

Functional Responsibility: Designs and builds user interfaces for web sites using a variety of graphics software applications, techniques, and tools. Interface design includes animation and special-effects elements. Ensures that the "look and feel" supports the organization's strategies and goals and facilitates user interaction with the system. Experience in open source development, HTML, and knowledge of web architecture/development for the web preferred. Scope is Health IT related.

Education: Bachelor's degree

Health IT Web Developer (Junior)

Qualifications: One (1) year

Functional Responsibility: Designs and builds user interfaces for web sites using a variety of graphics software applications, techniques, and tools. Interface design includes animation and special-effects elements. Ensures that the "look and feel" supports the organization's strategies and goals and facilitates user interaction with the system. Experience in open source development, HTML, and knowledge of web architecture/development for the web preferred. Scope is Health IT related.

Education: Bachelor's degree

SIN 132-56/RC/STLOC GOVERNMENT SITE RATES:

SIN	Labor Category	4/24/2017 - 4/23/2018 Government Site	4/24/2018 – 4/23/2019 Government Site
132-56	Health IT Applications Systems Analyst/Programmer (Senior)	\$119.68	\$123.27
132-56	Health IT Applications Systems Analyst/Programmer (Intermediate)	\$89.92	\$92.62
132-56	Health IT Applications Systems Analyst/Programmer (Junior)	\$75.78	\$78.05
132-56	Health IT Budget/Financial Analyst (Senior)	\$95.79	\$98.66
132-56	Health IT Budget/Financial Analyst (Intermediate)	\$78.69	\$81.05
132-56	Health IT Budget/Financial Analyst (Junior)	\$68.26	\$70.31
132-56	Health IT Business Analyst (Senior)	\$110.74	\$114.06
132-56	Health IT Business Analyst (Intermediate)	\$81.38	\$83.82
132-56	Health IT Business Analyst (Junior)	\$72.43	\$74.60
132-56	Health IT Business Subject Matter Expert	\$337.88	\$348.02
132-56	Health IT Configuration Management Specialist (Senior)	\$96.12	\$99.00
132-56	Health IT Configuration Management Specialist (Intermediate)	\$84.83	\$87.37
132-56	Health IT Configuration Management Specialist (Junior)	\$62.21	\$64.08
132-56	Health IT Cybersecurity Engineer (Senior)	\$182.21	\$187.68
132-56	Health IT Cybersecurity Engineer (Intermediate)	\$118.06	\$121.60
132-56	Health IT Cybersecurity Engineer (Junior)	\$100.84	\$103.87
132-56	Health IT Database Specialist (Principal)	\$160.30	\$165.11
132-56	Health IT Database Specialist (Senior)	\$149.05	\$153.52
132-56	Health IT Database Specialist (Intermediate)	\$111.95	\$115.31
132-56	Health IT Database Specialist (Junior)	\$75.21	\$77.47
132-56	Health IT Enterprise Architect	\$166.02	\$171.00
132-56	Health IT Helpdesk Specialist (Senior)	\$85.08	\$87.63
132-56	Health IT Helpdesk Specialist (Intermediate)	\$65.19	\$67.15
132-56	Health IT Helpdesk Specialist (Junior)	\$41.50	\$42.75
132-56	Health IT Information Assurance/Security Specialist (Senior)	\$155.64	\$160.31
132-56	Health IT Information Assurance/Security Specialist (Intermediate)	\$117.22	\$120.74
132-56	Health IT Information Assurance/Security Specialist (Junior)	\$75.78	\$78.05
132-56	Health IT Microsoft Consulting Services SME II	\$282.62	\$291.10
132-56	Health IT Microsoft Consulting Services SME I	\$254.20	\$261.83
132-56	Health IT Network Engineer (Senior)	\$150.34	\$154.85
132-56	Health IT Network Engineer (Intermediate)	\$81.00	\$83.43
132-56	Health IT Network Engineer (Junior)	\$73.97	\$76.19
132-56	Health IT Program Manager (Principal)	\$196.09	\$201.97
132-56	Health IT Program Manager (Senior)	\$158.37	\$163.12

132-56	Health IT Program Manager (Intermediate)	\$127.26	\$131.08
132-56	Health IT Program Manager (Junior)	\$85.08	\$87.63
132-56	Health IT Quality Assurance Manager	\$121.00	\$124.63
132-56	Health IT Quality Assurance Specialist (Senior)	\$99.68	\$102.67
132-56	Health IT Quality Assurance Specialist (Intermediate)	\$89.56	\$92.25
132-56	Health IT Quality Assurance Specialist (Junior)	\$73.18	\$75.38
132-56	Health IT Security Analyst (Senior)	\$125.71	\$129.48
132-56	Health IT Security Analyst (Intermediate)	\$94.28	\$97.11
132-56	Health IT Security Analyst (Junior)	\$57.62	\$59.35
132-56	Health IT SharePoint Architect/Developer	\$124.86	\$128.61
132-56	Health IT Software Development Engineer (Principal)	\$192.54	\$198.32
132-56	Health IT Software Development Engineer (Senior)	\$161.59	\$166.44
132-56	Health IT Software Development Engineer (Intermediate)	\$117.78	\$121.31
132-56	Health IT Software Development Engineer (Junior)	\$96.65	\$99.55
132-56	Health IT Subject Matter Expert (Senior)	\$176.68	\$181.98
132-56	Health IT Subject Matter Expert (Intermediate)	\$166.02	\$171.00
132-56	Health IT Subject Matter Expert (Junior)	\$114.93	\$118.38
132-56	Health IT Systems Administrator (Senior)	\$99.78	\$102.77
132-56	Health IT Systems Administrator (Intermediate)	\$83.22	\$85.72
132-56	Health IT Systems Administrator (Junior)	\$61.51	\$63.36
132-56	Health IT Systems Engineer (Senior)	\$162.97	\$167.86
132-56	Health IT Systems Engineer (Intermediate)	\$128.48	\$132.33
132-56	Health IT Systems Engineer (Junior)	\$87.36	\$89.98
132-56	Health IT Technical Writer (Senior)	\$80.43	\$82.84
132-56	Health IT Technical Writer (Intermediate)	\$72.09	\$74.25
132-56	Health IT Technical Writer (Junior)	\$45.67	\$47.04
132-56	Health IT Test Engineer (Senior)	\$94.45	\$97.28
132-56	Health IT Test Engineer (Intermediate)	\$72.75	\$74.93
132-56	Health IT Test Engineer (Junior)	\$52.46	\$54.03
132-56	Health IT Training Developer (Senior)	\$101.77	\$104.82
132-56	Health IT Training Developer (Intermediate)	\$84.83	\$87.37
132-56	Health IT Training Developer (Junior)	\$73.52	\$75.73
132-56	Health IT Web Developer (Senior)	\$109.52	\$112.81
132-56	Health IT Web Developer (Intermediate)	\$84.83	\$87.37
132-56	Health IT Web Developer (Junior)	\$73.52	\$75.73

SIN 132-56/RC/STLOC CONTRACTOR SITE RATES:

SIN	Labor Category	4/24/2017 - 4/23/2018 Contractor Site	4/24/2018 – 4/23/2019 Contractor Site
132-56	Health IT Applications Systems Analyst/Programmer (Senior)	-	-
132-56	Health IT Applications Systems Analyst/Programmer (Intermediate)	-	-
132-56	Health IT Applications Systems Analyst/Programmer (Junior)	-	-
132-56	Health IT Budget/Financial Analyst (Senior)	\$105.37	\$108.53
132-56	Health IT Budget/Financial Analyst (Intermediate)	\$86.56	\$89.16
132-56	Health IT Budget/Financial Analyst (Junior)	-	-
132-56	Health IT Business Analyst (Senior)	-	-
132-56	Health IT Business Analyst (Intermediate)	-	-
132-56	Health IT Business Analyst (Junior)	\$79.67	\$82.06
132-56	Health IT Business Subject Matter Expert	-	-
132-56	Health IT Configuration Management Specialist (Senior)	\$105.74	\$108.91
132-56	Health IT Configuration Management Specialist (Intermediate)	\$93.31	\$96.11
132-56	Health IT Configuration Management Specialist (Junior)	\$68.43	\$70.48
132-56	Health IT Cybersecurity Engineer (Senior)	\$209.81	\$216.10
132-56	Health IT Cybersecurity Engineer (Intermediate)	\$137.84	\$141.98
132-56	Health IT Cybersecurity Engineer (Junior)	\$116.13	\$119.61
132-56	Health IT Database Specialist (Principal)	-	-
132-56	Health IT Database Specialist (Senior)	-	-
132-56	Health IT Database Specialist (Intermediate)	-	-
132-56	Health IT Database Specialist (Junior)	-	-
132-56	Health IT Enterprise Architect	-	-
132-56	Health IT Helpdesk Specialist (Senior)	-	-
132-56	Health IT Helpdesk Specialist (Intermediate)	-	-
132-56	Health IT Helpdesk Specialist (Junior)	-	-
132-56	Health IT Information Assurance/Security Specialist (Senior)	-	-
132-56	Health IT Information Assurance/Security Specialist (Intermediate)	-	-
132-56	Health IT Information Assurance/Security Specialist (Junior)	-	-
132-56	Health IT Microsoft Consulting Services SME II	-	-
132-56	Health IT Microsoft Consulting Services SME I	-	-
132-56	Health IT Network Engineer (Senior)	-	-
132-56	Health IT Network Engineer (Intermediate)	\$89.09	\$91.76
132-56	Health IT Network Engineer (Junior)	-	-
132-56	Health IT Program Manager (Principal)	-	-
132-56	Health IT Program Manager (Senior)	-	-

132-56	Health IT Program Manager (Intermediate)	\$139.98	\$144.18
132-56	Health IT Program Manager (Junior)	-	-
132-56	Health IT Quality Assurance Manager	\$139.32	\$143.50
132-56	Health IT Quality Assurance Specialist (Senior)	\$109.65	\$112.94
132-56	Health IT Quality Assurance Specialist (Intermediate)	\$94.58	\$97.42
132-56	Health IT Quality Assurance Specialist (Junior)	\$80.49	\$82.90
132-56	Health IT Security Analyst (Senior)	\$140.79	\$145.01
132-56	Health IT Security Analyst (Intermediate)	\$105.59	\$108.76
132-56	Health IT Security Analyst (Junior)	\$64.53	\$66.47
132-56	Health IT SharePoint Architect/Developer	\$137.35	\$141.47
132-56	Health IT Software Development Engineer (Principal)	\$222.17	\$228.84
132-56	Health IT Software Development Engineer (Senior)	\$180.98	\$186.41
132-56	Health IT Software Development Engineer (Intermediate)	\$134.71	\$138.75
132-56	Health IT Software Development Engineer (Junior)	\$111.29	\$114.63
132-56	Health IT Subject Matter Expert (Senior)	\$194.34	\$200.17
132-56	Health IT Subject Matter Expert (Intermediate)	-	-
132-56	Health IT Subject Matter Expert (Junior)	-	-
132-56	Health IT Systems Administrator (Senior)	\$109.76	\$113.05
132-56	Health IT Systems Administrator (Intermediate)	\$91.54	\$94.29
132-56	Health IT Systems Administrator (Junior)	\$67.66	\$69.69
132-56	Health IT Systems Engineer (Senior)	\$187.67	\$193.30
132-56	Health IT Systems Engineer (Intermediate)	\$147.95	\$152.39
132-56	Health IT Systems Engineer (Junior)	\$97.84	\$100.78
132-56	Health IT Technical Writer (Senior)	\$88.48	\$91.13
132-56	Health IT Technical Writer (Intermediate)	-	-
132-56	Health IT Technical Writer (Junior)	\$50.24	\$51.75
132-56	Health IT Test Engineer (Senior)	\$103.89	\$107.01
132-56	Health IT Test Engineer (Intermediate)	\$80.03	\$82.43
132-56	Health IT Test Engineer (Junior)	\$57.70	\$59.43
132-56	Health IT Training Developer (Senior)	\$111.95	\$115.31
132-56	Health IT Training Developer (Intermediate)	\$93.31	\$96.11
132-56	Health IT Training Developer (Junior)	\$80.88	\$83.31
132-56	Health IT Web Developer (Senior)	-	-
132-56	Health IT Web Developer (Intermediate)	\$93.31	\$96.11
132-56	Health IT Web Developer (Junior)	\$80.88	\$83.31