

**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](http://GSAAdvantage.gov).

**SCHEDULE TITLE: Multiple Award Schedule (MAS)**

**Category Attachment Code: F**

**Title: Information Technology**

**F01. Electronic Commerce Subcategory**

FSC/PSC Code: D304

**F02. IT Hardware Subcategory**

FSC/PSC Code: 7010

**F03. IT Services Subcategory**

FSC/PSC Code: D399

**Category Attachment Code: G**

**Title: Miscellaneous**

**G06. Complimentary SINs Subcategory**

FSC/PSC Code: 0000



**National Capitol Contracting LLC dba National Capitol Captioning | 8255 Greensboro Drive, Suite C100, McLean, VA 22102 | Phone: (703) 243-9696 | Fax: (703) 243-2844 | [www.nccsite.com](http://www.nccsite.com)**

**Contract Number: GS-35F-0822R | Period Covered by Contract: August 30, 2020 - August 29, 2025**

Pricelist current through Modification PO-0027 effective August 30, 2020

*For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at [fss.gsa.gov](http://fss.gsa.gov).*

**CONTRACTOR'S ADMINISTRATION SOURCE:**

Joseph Dooley | Phone: 703.243.9696 x 210; Fax: (703) 243-2844 | Email: [joseph.dooley@nccsite.com](mailto:joseph.dooley@nccsite.com)

**BUSINESS SIZE: Small Business**

**Customer Information:**

**1a. Table of Awarded Special Item Number(s) with appropriate cross-reference to page numbers:**

SIN	Cooperative Purchasing	SIN Description
33411	33411 STLOC	Purchasing of new electronic equipment
54151ECOM	54151ECOM STLOC	Electronic Commerce and Subscription Services
54151S	54151S STLOC	Information Technology Professional Services
OLM	OLM STLOC	Order-Level Materials (OLM)

**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. See p. 22-24.**

**1c. If the Contractor is proposing hourly rates a description of all corresponding commercial job titles, experience, functional responsibility, and education for those types of employees or subcontractors who will perform services shall be provided. See p. 5-21.**

- 2. **Maximum Order: SIN 33411, 33411STLOC: \$500,000.00**  
**SIN 54151ECOM, 54151ECOMSTLOC: \$500,000.00**  
**SIN 54151S, 54151SSTLOC: \$500,000.00**  
**SIN OLM, OLM STLOC: \$250,000.00**

**3. Minimum Order: \$100.00**

**4. Geographic Coverage (delivery Area): Domestic- 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories.**

**5. Point(s) of production (city, county, and state or foreign country): N/A**

**6. Discount from list prices or statement of net price: Prices herein are net government prices.**

**7. Quantity discounts: None**

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

**9a. Notification that Government purchase cards are accepted up to the micro-purchase threshold: Yes**

**9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold: Yes**

- 10. Foreign items (list items by country of origin):** None
- 11a. Time of Delivery (Contractor insert number of days):**  
33411, 33411 STLOC: 4 to 6 weeks  
54151S, 54151SSTLOC: Negotiated on Terms of Contract  
54151ECOM, 54151ECOMSTLOC: 30 Days
- 11b. Expedited Delivery:** Contact Contractor
- 11c. Overnight and 2-day delivery:** Contact Contractor
- 11d. Urgent Requirements:** Contact Contractor
- 12. F.O.B Point(s):** Destination
- 13a. Ordering Address(es):** National Capitol Contracting LLC  
8255 Greensboro Drive, Suite C100  
McLean, Virginia 22102  
(703) 243-9696
- 13b. Ordering procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), are found in Federal Acquisition Regulation (FAR) 8.405-3.
- 14. Payment address(es):** National Capitol Contracting LLC  
8255 Greensboro Drive, Suite C100  
McLean, Virginia 22102  
(703) 243-9696
- 15. Warranty provision:** Contractor's standard commercial warranty.
- 16. Export Packing Charges (if applicable):** N/A
- 17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):** Contact Contractor
- 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 lists 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. 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. contactor's website or other location.)**  
**<http://www.nccsite.com>**
- The EIT standards can be found at:** [www.Section508.gov/](http://www.Section508.gov/).
- 25. Data Universal Numbering System (DUNS) number:** 125132048
- 26. Notification regarding registration in the System for Award Management (SAM) Database:** Registered. CAGE CODE: 3FFS7

## **Labor Category Descriptions SIN 54151S**

### **Labor Category: AV Technician**

Minimum Years of Experience: 1 to 3 years

Functional Responsibility: Audio/Visual Equipment Install

Works independently or with a team of AV technicians to install, test, troubleshoot, and repair audio visual systems including digital and wireless microphones, projection systems, audio mixing and distribution systems, AV device control systems, robotic cameras and camera switcher, and videoconferencing systems. Installs AV system components consisting of ceiling projectors, wall-mounted flat screens, motorized screens, cabling, ceiling speakers, video conferencing systems, and other audio visual system devices. Reads basic audio visual engineering drawings, pulls cables by working off a drawing package, and terminates cables.

Minimum Educational/Degree Requirements: High School Diploma or equivalent, industry technical training

Applicable Training/Certification Requirements: Industry technical training

### **Labor Category: AV Subject Matter Expert (SME)**

Minimum Years of Experience: 5 years

Functional Responsibility: Audio/Visual System Design and Engineering

Designs and engineers audio visual systems. Engages clients to determine appropriate technical solutions. Conducts site surveys, and communicates with clients to ascertain customer needs and requirements. Develops technical scope of work, system wiring diagrams, and equipment rack elevations. Serves as a technical resource for the client and for the AV integration team. Develops technical review packages, including structural requirements for mounting of equipment, signal flow diagrams, dimensions, system power, and mechanical requirements. Performs diagnosis and resolution of complex AV hardware and software problems for end users. Recommends and implements corrective solutions. Interacts with third party vendors and partners to ensure offerings are up to date.

Minimum Educational/Degree Requirements: Bachelor's Degree in computer science, economics, engineering, or equivalent. Industry technical training, Infocomm CTS certification

Applicable Training/Certification Requirements: Industry technical training, InfoComm CTS certification

### **Labor Category: AV Engineer**

Minimum Years of Experience: 2 years

Functional Responsibility: Audio/Visual System Design and Engineering

Creates AV system designs and drawings based on a preliminary statement of work and bill of materials. Amends drawings and specifications in compliance with proposed work. Finalizes design of AV systems and technical solutions. Interacts with third party vendors and partners to troubleshoot complex equipment issues. Develops technical review packages, including structural requirements for mounting of equipment, signal flow diagrams, dimensions, system power, and mechanical requirements. Performs diagnosis and resolution of complex AV hardware and software problems for end users.

Minimum Educational/Degree Requirements: Bachelor's Degree in computer science, economics, engineering, or equivalent. Industry technical training

Applicable Training/Certification Requirements: Industry technical training

### **Labor Category: AV Project Manager**

Minimum Years of Experience: 2 years

Functional Responsibility: Project Management

Under general direction, responsible for logistical aspects of the implementation of assigned projects, and provides a single customer point of contact for those projects. Takes projects from original concept through final implementation. Supports all areas affected by the project including end users, facility services, and client services. Defines project scope and objectives. Develops detailed work plans, schedules, and status reports. Conducts project meetings and is responsible for project tracking and analysis. Ensures adherence to quality standards and reviews project deliverables. Manages the integration of vendor tasks and tracks and reviews vendor deliverables. Provides technical and logistical guidance to project team. Takes action to solve problems.

Minimum Educational/Degree Requirements: Bachelor's Degree in business, operations, psychology, or Equivalent

**Labor Category:** AV Project Manager - Senior

Minimum Years of Experience: 5 years

Functional Responsibility: Project Management

Responsible for all aspects of the development and implementation of AV projects and provides a single customer point of contact for those projects. May supervise AV Project Managers. Takes projects from original concept through final implementation. Supports all areas affected by the project including end users, facility services, and client services. Defines project scope and objectives. Develops detailed work plans, schedules, project estimates, resource plans, and status reports. Conducts project meetings and is responsible for project tracking and analysis. Ensures adherence to quality standards and reviews project deliverables. Manages the integration of vendor tasks and tracks and reviews vendor deliverables. Provides technical, logistical, and analytical guidance to project team. Recommends and takes action to direct the analysis and solutions for problems.

Minimum Educational/Degree Requirements: Bachelor's Degree in business, operations, psychology, or Equivalent

**Labor Category:** AV Programmer

Minimum Years of Experience: 3 years

Functional Responsibility: Control System Programming

Participates as high-level technical expert in design development, coding, testing, and debugging AV software or significant enhancements to existing software. Works with technical staff to understand system issues and develops software specifications to resolve them. Resolves customer complaints and responds to suggestions for improvements and enhancements. May commission systems. Participates in the development of user manuals. Assists in training entry level programmers.

Minimum Educational/Degree Requirements: Bachelor's Degree in computer science, engineering, or Equivalent; key vendor certifications which may include AMX ACE or Crestron DMC-4K

Applicable Training/Certification Requirements: Industry technical training, key vendor certifications which may include AMX ACE and Crestron DMC-4K

**Labor Category:** Program Manager

Minimum Years of Experience: Minimum seven (7) years of technical experience in all phases of program management for complex computer systems and/or computer facilities operation. Requires knowledge of available hardware, related system software, system integration techniques, network management, and project management practices. Demonstrates ability to work independently based on the strategic plan or under general direction. Must be able to effectively employ contemporary project management tools. (must have at least one certification or equivalent from the list below and maintain throughout the task order: PMI Agile Certified Practitioner (PMI-ACP), PMP.

Functional Responsibility: Provides business, technical and personnel management to subordinate groups of technical and administrative personnel across multiple disciplines such as engineering, application program and systems development. Responsible for the overall, day-to-day management of a specific task order or group of task orders

affecting the same or related/interdependent systems. Conceives, plans, and executes a wide variety of projects requiring exploration of subject areas, definition of problems, and development of cost-effective approaches for resolution. Schedules and assigns work to subordinates and subcontractors and monitors progress and resolves discrepancies to ensure compliance with work/quality standards and contract/task order requirements. Ensures that the technical solutions and schedules in the task order(s) are implemented within estimated timeframes and budget constraints. Reports orally and in writing to contractor management and government representatives. May serve as the Contractor's authorized interface with the Government Contracting Officer, the Contracting Officer's Representative (COR), government management personnel, and agency representatives and is authorized to negotiate and make decisions binding on the Contractor.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Communications Network Technician Senior

Minimum Years of Experience: Minimum four (4) years' experience

Functional Responsibility: With minimal technical guidance, installs and repairs data communications lines and equipment. Reviews work orders to move, change, install, repair, or remove data communications equipment, such as modems, cables, network cards, and wires. Reads technical manuals to learn correct settings for equipment. Measures, cuts, and installs wires and cables. Splices wires or cables, using hand-tools or soldering iron. Connects microcomputer or terminals to data communication lines. Develops test plans and tests communication lines to ensure that data is being transmitted between locations according to specifications using testing instruments such as voltmeter and data scope. Uses diagnostic techniques to locate problem, and repairs wiring, cables. When equipment repair is required, coordinates with maintenance organization or company. Monitors repair activity to ensure repair or replacement is done in a timely manner. May plan layout and installation of data communications equipment. May negotiate and place orders with common carriers. May function as a technical lead for more junior specialists. Can perform all telecommunication, wiring, and cabling tasks.

Minimum Educational/Degree Requirements: Bachelor's Degree in a related technical field.

**Labor Category:** Voice/Data Communications Engineer

Minimum Years of Experience: Minimum four (4) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: CCDA, CCNP, CCSP, and CCNA).

Functional Responsibility: Provides technical direction and engineering knowledge for communications activities including planning, designing, developing, testing, installing, and maintaining large communications networks. Ensures that adequate and appropriate planning is provided to direct building architects and planners in building communications spaces and media pathways meet industry standards. Develops, operates, and maintains voice, wireless, video, and data communications systems. provides complex engineering or analytical tasks and activities associated with one or more technical areas within the communications function. Can perform all telecommunication, wiring, and cabling tasks.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Security Program Manager

Minimum Years of Experience: Minimum seven to fifteen (7 - 15) years of technical experience in all phases of program management for complex computer systems and/or computer facilities operation. Requires knowledge of available hardware, related system software, system integration techniques, network management, and project management practices. Demonstrates ability to work independently based on the strategic plan or under general direction. Must be able to effectively employ contemporary project management tools (must have at least one certification or equivalent from the following list and maintain throughout the task order: CISSP, CISM, CISA, PMI Agile Certified Practitioner (PMI-ACP), and PMP).

Functional Responsibility: Provides business, technical and personnel management to subordinate groups of technical and administrative personnel across multiple disciplines such as engineering, application program, and systems development. Responsible for the overall, day-to-day management of a specific task order or group of task orders affecting the same or related/interdependent systems. Conceives, plans, and executes a wide variety of projects requiring exploration of subject areas, definition of problems, and development of cost-effective approaches for resolution. Schedules and assigns work to subordinates and subcontractors and monitors progress and resolves discrepancies to ensure compliance with work/quality standards and contract/task order requirements. Ensures that the technical solutions and schedules in the task order(s) are implemented within estimated timeframes and budget constraints. Reports orally and in writing to contractor management and government representatives. May serve as the Contractor's authorized interface with the Government Contracting Officer, the Contracting Officer's Representative (COR), government management personnel, and agency representatives and is authorized to negotiate and make decisions binding on the Contractor.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Security Engineer

Minimum Years of Experience: Two to five (2 - 5) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: CISSP, CISM, CISA, CCNP, CCNA-Security, and MCSE).

Functional Responsibility: Advises the customer and/or performs tasks to ensure cost effective system design and development, with integrated/embedded security features that are compliant with required certification/accreditation standards. May be required to evaluate, develop, recommend, test, modify, and change software/hardware configurations in order to meet government service level computer security requirements.

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

**Labor Category:** Security Engineer Mid

Minimum Years of Experience: Six to nine (6 - 9) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: CISSP, CISM, CISA, CCNP, CCNA-Security, and MCSE).

Functional Responsibility: Advises customer and/or performs tasks of intermediate complexity to ensure cost effective system design and development, with integrated/embedded security features that are compliant with required certification/accreditation standards. May be required to evaluate, develop, recommend, test, modify, and change software/hardware configurations in order to meet government service level computer security requirements. May supervise Junior System Security Engineers.

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

**Labor Category:** Security Engineer Senior

Minimum Years of Experience: Ten (10) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: CISSP, CISM, CISA, CCNP, CCNA-Security, and MCSE).

Functional Responsibility: Advises customer and/or performs complex tasks to ensure cost effective system design and development, with integrated/embedded security features that are compliant with required certification/accreditation standards. May be required to evaluate, develop, recommend, test, modify, and change software/hardware configurations in order to meet government service level computer security requirements.

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

**Labor Category:** Lead Security Engineer Senior

Minimum Years of Experience: Fifteen (15) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: CISSP, CISM, CISA, CCNP, CCNA-Security, and MCSE).

Functional Responsibility: Oversees and directs the System Security Engineers' team. Provides high level technical expertise and advice to the team and the customer and/or performs tasks of highly complex nature to ensure cost effective system design and development, with integrated/embedded security features that are compliant with required certification/accreditation standards. May be required to evaluate, develop, recommend, test, modify, and change software/hardware configurations in order to meet government service level computer security requirements. May supervise more junior System Security Engineers.

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

**Labor Category:** Database Administrator

Minimum Years of Experience: Two to five (2 - 5) years' experience required (must have at least one certification or equivalent from the following list and maintain throughout the task order: SQL Server, Oracle Certified Professional, MCTS, MCITP, DBA IT Professional, Database Developer IT Professional, Business Intelligence Developer IT Professional, CompTIA A+, CompTIA Network+, VMWare Certified Professional, and CompTIA Security+).

Functional Responsibility: Implements and maintains smooth operation and physical design of databases. Reviews database design and integration of systems, provides backup recovery, and makes recommendations regarding enhancements and/or improvements. Maintains security and integrity controls. Formulates policies, procedures, and standards relating to database management, and monitors transaction activity and utilization. Responsibilities include: database loading; development and management of operational procedures; environment management; database health (e.g. monitoring, proactive and reactive responses); resource planning; database upgrade planning; backup and recovery strategy planning and implementation; environment transition planning (development, test, stage, production).

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Database Administrator Mid

Minimum Years of Experience: Six to nine (6 - 9) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: SQL Server, Oracle Certified Professional, MCTS, MCITP, DBA IT Professional, Database Developer IT Professional, Business Intelligence Developer IT Professional, CompTIA A+, CompTIA Network+, VMWare Certified Professional, and CompTIA Security+).

Functional Responsibility: Implements and maintains smooth operation and physical design of databases. Reviews database design and integration of systems, provides backup recovery, and makes recommendations regarding enhancements and/or improvements. Maintains security and integrity controls. Formulates policies, procedures, and standards relating to database management, and monitors transaction activity and utilization. Responsibilities include: database loading; development and management of operational procedures; environment management; database health (e.g. monitoring, proactive and reactive responses); resource planning; database upgrade planning; backup and recovery strategy planning and implementation; environment transition planning (development, test, stage, production).

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Database Administrator Senior

Minimum Years of Experience: Ten to fifteen (10 - 15) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: SQL Server, Oracle Certified Professional, MCTS, MCITP, DBA IT Professional, Database Developer IT Professional, Business Intelligence Developer IT Professional, CompTIA A+, CompTIA Network+, VMWare Certified Professional, and CompTIA Security+).

Functional Responsibility: Implements and maintains smooth operation and physical design of databases. Reviews database design and integration of systems, provides backup recovery, and makes recommendations regarding enhancements and/or improvements. Maintains security and integrity controls. Formulates policies, procedures, and standards relating to database management, and monitors transaction activity and utilization. Responsibilities include: database loading; development and management of operational procedures; environment management; database health (e.g. monitoring, proactive and reactive responses); resource planning; database upgrade planning; backup and recovery strategy planning and implementation; environment transition planning (development, test, stage, production).

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Data Warehouse Specialist

Minimum Years of Experience: Minimum of five (5) years' experience of which at least three (3) years' experience in design, develop, implement and support of data warehousing required. Experience in implementing business rules via stored procedures, middleware, or other technologies. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks..

Functional Responsibility: Designs, implements and supports data warehousing. Implements business rules via stored procedures, middleware, or other technologies. Defines user interfaces and functional specifications. Responsible for verifying accuracy of data, and maintaining and supporting the data warehouse.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Enterprise Architect

Minimum Years of Experience: Minimum of five to twelve (5 - 12) years of experience, of which at least three (3) years must be specialized. Specialized experience includes: supervision of enterprise architects, use of structured analysis, design methodologies and design tools, object oriented principles, and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. (must have at least one certification or equivalent from the following list and maintain throughout the task order: CCAr, Enterprise and Architecture Practitioner, AWS Certified Solution Associate & Professional, CTA, and ITIL Master Certificate).

Functional Responsibility: Establishes enterprise system information requirements in supporting the transformation from as-is enterprise architect to the to-be architect. Ensures these systems are compatible and in compliance with the standards of Federal Information Technology Systems.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Enterprise Network Engineer

Minimum Years of Experience: Two to nine (2 - 9) years' experience (must have at least one certification or equivalent from the following list and maintain through the contract: CCNA R&S, CCNP, CCIE R&S, CCNA Cyber Ops, Citrix Certified Associate, and VMware Certified Professional 6).

Functional Responsibility: Designs and plans network communications systems. Provides specifications and detailed schematics for network architecture. Provides specific detailed information for hardware and software selection,

implementation techniques and tools for the most efficient solution to meet business needs, including present and future capacity requirements. Conducts testing of network design. Maintains technical expertise in all areas of network and computer hardware and software interconnection and interfacing, such as routers, multiplexers, firewalls, hubs, bridges, gateways, etc. Evaluates and reports on new communications technologies to enhance capabilities of the network.

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

**Labor Category:** Enterprise Network Engineer Mid

Minimum Years of Experience: Minimum ten (10) years of progressive experience in hardware/software integration and/or engineering or related experience in the analysis, design, management, operation, and maintenance of the desktop and its network infrastructure. Eight (8) years of this experience must be in supervision of substantial Information Resources Management (IRM) (must have at least one certification or equivalent from the following list and maintain throughout the task order: CCNA R&S, CCNP, CCIE R&S, CCNA Cyber Ops, Citrix Certified Associate, and VMware Certified Professional 6).

Functional Responsibility: Provides technical support to design, develop, modify, implement, and/or migrate hardware and software systems. Provides technical support in systems engineering, LAN/WAN communication networks, and telecommunication capabilities. Ensures problem resolution and customer satisfaction. Provides supervisory, technical, and administrative direction for personnel.

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

**Labor Category:** ERP Systems Architect

Minimum Years of Experience: Minimum of five to ten (5 - 10) years' experience in ERP systems including Financial and Supply chain management, data warehousing, e-commerce, procurement, ordering and manufacturing. A strong understanding of software lifecycle methodology and information systems development and support.

Functional Responsibility: Analyzes new project-level application architecture needs and recommends solutions compliant with future state application architecture, providing world-class solutions and services to customers. Identifies and aids in the decision making around architecture trade-offs with risks, delivery, scalability/performance, flexibility, maintainability, security, and other quality concerns. Monitors and reviews systems so that they are designed and developed in compliance with privacy, security. Legal, and other governance policies. Advises IT executives on technology and architecture trends.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Functional Analyst Junior

Minimum Years of Experience: Minimum three (3) years' experience, of which at least one (1) year must be specialized. Specialized experience includes: developing functional requirements for complex integrated ADP systems. With a Master's Degree in the same areas as the Bachelor's Degree requirement, minimum of one (1) year specialized experience. (must have at least one certification or equivalent from the following list and maintain throughout the task order: (ECBA, CCBA, CBAP, CSPO, IIBA, PMI, PBA, and Agile Analysis Certification).

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

Minimum Educational/Degree Requirements: Bachelor's Degree in a technical field such as Computer Science or Engineering

**Labor Category:** Functional Analyst Senior

Minimum Years of Experience: Six to ten (6-10) years' experience, of which at least four (4) years must be specialized. Specialized experience includes functional experience with the specific requirements of a task order or developing functional requirements for complex integrated IT systems. With a Master's Degree in the same areas as the Bachelor's Degree requirement, eight (8) years of general experience of which at least 4 years must be specialized. (must have at least one certification or equivalent from the following list and maintain throughout the task order: ECBA, CCBA, CBAP, CSPO, IIBA, PMI, PBA, and Agile Analysis Certification).

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

Minimum Educational/Degree Requirements: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

**Labor Category:** Service Desk Manager

Minimum Years of Experience: Minimum five (5) years' experience, of which at least three (3) years must be specialized. Specialized experience includes: management of help desks in a multi-server environment, help desk support, and end user training. General experience includes information systems development, network and other work in the client/server or related fields. With a Master's Degree (in the fields described above), five (5) years general experience of which at least three (3) years must be specialized experience is required. (must have at least one certification or equivalent from the following list and maintain throughout the task order: CompTIA, ITIL, MCSA, MCP, MCSE, and HDI Desktop Support Technician Certificate).

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

Minimum Educational/Degree Requirements: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

**Labor Category:** Service Desk Specialist Asc

Minimum Years of Experience: One to two (1 - 2) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: CompTIA, ITIL, MCSA, MCP, MCSE, and HDI Desktop Support Technician Certificate).

Functional Responsibility: Resolves technical problems and answers queries by telephone in support of internal and/or outside customer computer hardware, software, network, and telecommunications systems. Diagnoses, identifies, isolates, and analyzes problems utilizing historical database records. May route calls to product line specialists. Maintains and updates records and tracking databases. Alerts management to recurring problems and patterns of problems.

Minimum Educational/Degree Requirements: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

**Labor Category:** Service Desk Specialist Mid

Minimum Years of Experience: Three to eight (3 - 8) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: CompTIA, ITIL, MCSA, MCP, MCSE, and HDI Desktop Support Technician Certificate).

Functional Responsibility: Resolves technical problems and answers queries by telephone in support of internal and/or outside customer computer hardware, software, network, and telecommunications systems. Diagnoses,

identifies, isolates, and analyzes problems utilizing historical database records. May route calls to product line specialists. Maintains and updates records and tracking databases. Alerts management to recurring problems and patterns of problems.

Minimum Educational/Degree Requirements: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

**Labor Category:** Applications Developer

Minimum Years of Experience: Minimum four (4) years of specialized experience. Associates degree or IT certification with six (6) years specialized experience. Six (6) years of intensive progressive experience in performing computer programming and systems analysis in IT and web site applications. (must have at least one certification or equivalent from the following list and maintain throughout the task order: MCSD, MTA, AWS Certified Developer, Oracle APEX, Oracle OCP, OCM, and OCE).

Functional Responsibility: Analyzes the performance of hardware and software interfaces and identifies alternatives for optimizing the usage of computer resources; applies generally accepted programming standards and techniques to assure efficient program logic and data manipulation; participates in designing, coding, testing, debugging, configuring, and documenting operating systems and software; provides assistance and routine consultation to users in the development of operating systems and software; manages, diagnoses and resolves hardware problems.

Minimum Educational/Degree Requirements: BS in Computer Science, Information Systems, or other related scientific or technical discipline.

**Labor Category:** Applications Developer Mid

Minimum Years of Experience: Minimum eight (8) years' experience in design, develops, and implements applications to support business requirements. Experience in development life cycle methodologies including waterfall and Agile. Experience in production support, technical issue debugging, research, and investigation. (must have at least one certification or equivalent from the following list and maintain throughout the task order: MCSD, MTA, AWS Certified Developer, Oracle APEX, Oracle OCP, OCM, and OCE).

Functional Responsibility: Analyzes the performance of hardware and software interfaces and identifies alternatives for optimizing the usage of computer resources; applies generally accepted programming standards and techniques to assure efficient program logic and data manipulation; participates in designing, coding, testing, debugging, configuring, and documenting operating systems and software; provides assistance and routine consultation to users in the development of operating systems and software; manages, diagnoses and resolves hardware problems.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Applications Developer Senior

Minimum Years of Experience: Minimum ten (10) years' experience in design, develops, and implements applications to support business requirements. Experience in development life cycle methodologies including waterfall and Agile. Experience in production support, technical issue debugging, research, and investigation. (must have at least one certification or equivalent from the following list and maintain throughout the task order: MCSD, MTA, AWS Certified Developer, Oracle APEX, Oracle OCP, OCM, and OCE).

Functional Responsibility: Designs, develops, enhances, debugs, and implements software. Troubleshoots production problems related to software applications. Researches, tests, builds, and coordinates the conversion and/or integration of new products based on client requirements. Designs and develops new software products or major enhancements to existing software. Addresses problems of systems integration, compatibility, and multiple platforms. Consults with project teams and end users to identify application requirements. Performs feasibility analysis on potential future projects to management. Assists in the evaluation and recommendation of application software packages, application integration and testing tools. Resolves problems with software and responds to suggestions for improvements and

enhancements. Acts as team leader on projects. Instructs, assigns, directs, and checks the work of other software developers on development team. Participates in development of software user manuals.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Network Engineer

Minimum Years of Experience: Minimum five (5) years of intensive and progressive specific experience in planning, designing, and analyzing telecommunications networks. Four (4) years' experience in supervision of IRM engineering projects, two (2) years of which must have been in supervising desktop computing contracts. Should have experience with network analysis/management tools and techniques and be familiar with PCs in a client/server environment. Should be familiar with IT and long distance and local carrier management. (must have at least one certification or equivalent from the following list and maintain throughout the task order: CCNA R&S, CCNP, CCIE R&S, CCNA Cyber Ops, Citrix Certified Associate, and VMware Certified Professional 6).

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

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

**Labor Category:** Programmer/Program Analyst Junior

Minimum Years of Experience: Minimum three (3) years' experience in designing, coding, testing, developing and documenting application programs for complex computer systems; performing modification to and maintenance of highly complex operational programs and procedures. (must have at least one certification or equivalent from the following list and maintain throughout the task order: Data Analysis Certificate, CSBA, PBA-PMI, CPA, Optimizing Big Data Certificate, CAP, MCSE, and MAPA).

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

Minimum Educational/Degree Requirements: Bachelor's Degree in a technical field such as Computer Science, Engineering, or other task relevant discipline.

**Labor Category:** Programmer/Program Analyst Mid

Minimum Years of Experience: Four to nine (4 - 9) years' experience (must have at least one certification or equivalent from the following list and maintain through the contract: Data Analysis Certificate, CSBA, PBA-PMI, CPA, Optimizing Big Data Certificate, CAP, MCSE, and MAPA).

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

Minimum Educational/Degree Requirements: BA or BS Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

**Labor Category:** Programmer/Program Analyst Senior

Minimum Years of Experience: Minimum ten (10) years' experience in designing, coding, testing, developing and documenting application programs for complex computer systems; performing modification to and maintenance of highly complex operational programs and procedures. Experience in leading development teams. Minimum of eight (8) years' experience in designing, coding, testing, and documenting application programs for complex computer systems, performing modifications and maintenance of highly complex operational. (must have at least one certification or equivalent from the following list and maintain throughout the task order: Data Analysis Certificate, CSBA, PBA-PMI, CPA, Optimizing Big Data Certificate, CAP, MCSE, and MAPA).

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

Minimum Educational/Degree Requirements: BA or BS Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

**Labor Category:** Project Coordinator

Minimum Years of Experience: Minimum of five (5) years' experience of which three years must include specialized experience to include acquisition/engineering project coordination from inception to deployment, demonstrated ability to perform the tasks inherent in the services offered and proven support in the project management and control of funds and resources. (must have at least one certification or equivalent from the following list and maintain throughout the task order: PMI Agile Certified Practitioner (PMI-ACP), PMP.

Functional Responsibility: Reports to the program manager or project manager on task performance, responsible for day-to-day coordination and technical performance of assigned task.

Minimum Educational/Degree Requirements: Bachelor's Degree in a technical field such as Computer Science, Engineering, or other task relevant discipline.

**Labor Category:** Project Manager

Minimum Years of Experience: Minimum five (5) years' experience in designing, coding, testing, and documenting application programs for complex computer systems, performing modifications and maintenance of highly complex operational programs and procedures. (must have at least one certification or equivalent from the following list and maintain throughout the task order: PMI Agile Certified Practitioner (PMI-ACP), PMP.

Functional Responsibility: Performs day-to-day management of assigned delivery order projects that involve teams of data processing and other information system and management professionals who have previously been involved in analyzing, designing, integrating, testing, documenting, converting, extending, and implementing automated information and telecommunications systems. Demonstrates proven skills in those technical areas addressed by the delivery order to be managed. Organizes, directs, and coordinates the planning and production of all activities associated with assigned delivery order projects. Demonstrates writing and oral communication skills.

Minimum Educational/Degree Requirements: BA or BS Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

**Labor Category:** Project Manager Mid

Minimum Years of Experience: Six to nine (6 - 9) years' experience (must have at least one certification or equivalent from the following list and maintain through the contract: PMI Agile Certified Practitioner (PMI-ACP), PMP.

Functional Responsibility: Plans, conducts, and coordinates software development activities. Designs, develops, documents, tests, and debugs software that contains logical and mathematical solutions to business/mission problems or questions in computer language for solutions by means of data processing equipment. Applies the appropriate standards, processes, procedures, and tools throughout the development life cycle. Applies knowledge of computer hardware and software, subject matter to be programmed in business/mission applications, information processing techniques used, and information gathered from system users to develop software. Corrects program errors, prepares operating instructions, compiles documentation of program development, and analyzes system capabilities to resolve questions of program intent, output requirements, input data acquisition, programming techniques, and controls. Ensures software standards are met.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Project Manager Senior

Minimum Years of Experience: Ten to fifteen (10-15) years of experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: PMI Agile Certified Practitioner (PMI-ACP), PMP).

Functional Responsibility: Plans, conducts, and coordinates software development activities. Designs, develops, documents, tests, and debugs software that contains logical and mathematical solutions to business/mission problems or questions in computer language for solutions by means of data processing equipment. Applies the appropriate standards, processes, procedures, and tools throughout the development life cycle. Applies knowledge of computer hardware and software, subject matter to be programmed in business/mission applications, information processing techniques used, and information gathered from system users to develop software. Corrects program errors, prepares operating instructions, compiles documentation of program development, and analyzes system capabilities to resolve questions of program intent, output requirements, input data acquisition, programming techniques, and controls. Ensures software standards are met.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Quality Assurance Engineer

Minimum Years of Experience: Minimum of four (4) years' experience with at least two (2) years specialized experience including configuration management, verification and validation, and analysis of development and production limitations and standards. (must have at least one certification or equivalent from the following list and maintain throughout the task order: CSQA, CTFL, CTAL, ISTQB, and ASTQB).

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

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

**Labor Category:** Query and Report Writer

Minimum Years of Experience: Minimum of three (3) years' experience and Proficient in using tools such as Business Objects, Crystal Reports, Oracle, Hyperion, Structured Query Language (SQL) and Excel.

Functional Responsibility: Develops customized reports from databases to extract and collect data according to client or Senior management needs. Builds and repairs data reports and software applications. Understands in data frameworks, possesses strong skills in analysis and problem solving, as well as the ability to multitask. Analyzes statistics and other metrics in addition to providing end-user training on report writing software.

Minimum Educational/Degree Requirements: Bachelor's Degree from a technical college, major in computer science or management information systems.

**Labor Category:** Security Analyst

Minimum Years of Experience: Minimum of four (4) years of experience in defining network security requirements for local and wide area networks, evaluation of approved network security product capabilities, configuring standard communications protocols, detecting and analyzing network vulnerabilities, and developing proper computer system security solutions. (must have at least one certification or equivalent from the following list and maintain throughout the task order: GCIH, GCIA, and CSIH).

Functional Responsibility: Analyzes and defines security requirements for local and wide area networks. Designs, develops, engineers, and implements solutions that meet network security requirements. Responsible for integration and implementation of the network security solution. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development lifecycle.

Minimum Educational/Degree Requirements: Bachelor's in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Security Analyst Mid

Minimum Years of Experience: Six to nine (6 - 9) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: GCIH, GCIA, and CSIH).

Functional Responsibility: Designs, tests, and implements state-of-the-art secure operating systems, networks, and database products. Conducts risk assessment and provides recommendations for application design. Involved in a wide range of security issues including architectures, firewalls, electronic data traffic, and network access. Uses encryption technology, penetration and vulnerability analysis of various security technologies, and information technology security research. May prepare security reports for regulatory agencies.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Security Analyst Senior

Minimum Years of Experience: Ten to fifteen (10 - 15) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: GCIH, GCIA, and CSIH).

Functional Responsibility: Designs, tests, and implements state-of-the-art secure operating systems, networks, and database products. Conducts risk assessment and provides recommendations for application design. Involved in a wide range of security issues including architectures, firewalls, electronic data traffic, and network access. Uses encryption technology, penetration and vulnerability analysis of various security technologies, and information technology security research. May prepare security reports for regulatory agencies.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** Enterprise Solutions Architect

Minimum Years of Experience: Minimum four to nine (4 - 9) years' experience. Must have knowledge of SOA - based architectures, REST, SOAP, and Microservices. (must have at least one certification or equivalent from the following list and maintain throughout the task order: CCAr, Enterprise and Architecture Practitioner, AWS Certified Solution Associate & Professional, CITA, CTA, and ITIL Master Certificate).

Functional Responsibility: Provides thought leadership on best practices for architectural design, understands the Microsoft SharePoint solution stack, and has a thorough understanding of enterprise application integration involving Business Process and Forms, Business Intelligence, Collaboration, CRM, Enterprise Content Management, and Portals. Leads architecture and design reviews for SharePoint projects that focus on planning, deploying, and targeting new or significant modifications of existing enterprise SharePoint implementations. Provides individual or

project support for complex projects or applications, adheres to project timelines and technical deliverables within different client environments; and analyzes and provides quality technical solutions that exceed client expectations. Requires a proven technical skill set that has been demonstrated in the development of enterprise Line of Business applications and their integration into heterogeneous enterprise systems.

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

**Labor Category:** Software Engineer

Minimum Years of Experience: Minimum four to nine (4 - 9) years' experience in information systems development, functional and data requirements analysis, systems analysis and design, programming, program design, and documentation preparation, management of complex software projects and experience using CASE tools (must have at least one certification or equivalent from the following list and maintain throughout the task order: CSDA, CSDP, MCSD, MCSA/MCSE, MTA, Oracle APEX, and OCP).

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

Minimum Educational/Degree Requirements: BS in Computer Science, Information Systems, or other related scientific or technical discipline.

**Labor Category:** Software Engineer Senior

Minimum Years of Experience: Ten to fifteen (10 - 15) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: CSDA, CSDP, MCSD, MCSA/MCSE, MTA, Oracle APEX, and OCP).

Functional Responsibility: Plans, conducts, and coordinates software development activities. Designs, develops, documents, tests, and debugs software that contains logical and mathematical solutions to business/mission problems or questions in computer language for solutions by means of data processing equipment. Applies the appropriate standards, processes, procedures, and tools throughout the development life cycle. Applies knowledge of computer hardware and software, subject matter to be programmed in business/mission applications, information processing techniques used, and information gathered from system users to develop software. Corrects program errors, prepares operating instructions, compiles documentation of program development, and analyzes system capabilities to resolve questions of program intent, output requirements, input data acquisition, programming techniques, and controls. Ensures software standards are met.

Minimum Educational/Degree Requirements: BS in Computer Science, Information Systems, or other related scientific or technical discipline.

**Labor Category:** Subject Matter Expert (SME)

Minimum Years of Experience: Must have twelve (12) years of experience in the IT field. Specialized Experience: At least eight (8) years of combined new and related older technical experience in the IT field directly related to the required area of expertise.

Functional Responsibility: Defines problems and analyzes and develops plans and requirements in the subject matter area for moderately complex to complex systems. Coordinates and manages the preparation of analysis, evaluations, and recommendations for proper implementation of programs and systems specifications in the following specialties: information systems architecture; networking; telecommunications; automation; communications protocols; risk management/electronic analysis; software; life-cycle management; software development methodologies; and modeling and simulation.

Minimum Educational/Degree Requirements: BA or BS in Computer Science, Information Systems, or other related discipline.

**Labor Category:** System Architect

Minimum Years of Experience: Minimum seven to twelve (7 - 12) years' experience, of which at least five (5) years must be specialized. Specialized experience includes: supervision of system architects, use of structured analysis, design methodologies and design tools, object oriented principles, and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. General experience includes increasing responsibilities in systems engineering. With a Bachelor's Degree (in the fields described above), fourteen (14) years general experience and at least seven (7) years of specialized experience. (must have at least one certification from the following list and maintain throughout the task order: CTME, MCA, CCAr, Enterprise and Architecture Practitioner, AWS Certified Solution Associate & Professional, CITA, CTA, and ITIL Master Certificate).

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

Minimum Educational/Degree Requirements: Master's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

**Labor Category:** System Architect Senior

Minimum Years of Experience: Minimum fifteen (15) years (must have at least one certification or equivalent from the following list and maintain through the contract: CTME, MCA, CCAr, Enterprise and Architecture Practitioner, AWS Certified Solution Associate & Professional, CITA, CTA, and ITIL Master Certificate).

Functional Responsibility: Designs, develops and oversees system architectures, including complex systems and systems design activities. Serves as focal point for the development and communication of the system architecture. Ensures conversion of mission requirements into total systems solutions that account for design and technology maturity constraints of the system. Develops systems and system element architecture, design, and interface definition. Supports internal and external design reviews. Maintains knowledge of current and developing technologies and design and analysis methodologies. Develops models and architectural guidelines for current and future system development.

Minimum Educational/Degree Requirements: Master's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

**Labor Category:** System Engineer

Minimum Years of Experience: Minimum three (3) years' experience in performing system requirement analyses and specifications, and modeling and trade-off studies; reviewing and analyzing complex task statements, standards, specifications documentation to determine engineering requirements; developing test plans and determining appropriate test criteria and procedures; and planning and conducting work requiring judgment in the independent evaluation, selection, and adaptation and modification of standard techniques, procedures and criteria. (must have at least one certification or equivalent from the following list and maintain throughout the task order: ESEP, CSEP, ASEP, and MCSE).

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

Minimum Educational/Degree Requirements: BS in a technical field such as Engineering or Computer Science.

**Labor Category:** System Engineer Mid

Minimum Years of Experience: Four to nine (4 - 9) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: ESEP, CSEP, ASEP, and MCSE).

Functional Responsibility: Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems. Analyses are performed at all levels of total system product to include: concept, design, fabrication, test, installation, operation, maintenance and disposal. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Performs functional analysis, timeline analysis, detail trade studies, requirements allocation and interface definition studies to translate customer requirements into hardware and software specifications.

Minimum Educational/Degree Requirements: BS in Computer Science, Information Systems, or other related scientific or technical discipline.

**Labor Category:** System Engineer Senior

Minimum Years of Experience: Ten to fifteen (10 - 15) years' experience (must have at least one certification or equivalent from the following list and maintain throughout the task order: ESEP, CSEP, ASEP, and MCSE).

Functional Responsibility: Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems. Analyses are performed at all levels of total system product to include: concept, design, fabrication, test, installation, operation, maintenance and disposal. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Performs functional analysis, timeline analysis, detail trade studies, requirements allocation and interface definition studies to translate customer requirements into hardware and software specifications.

Minimum Educational/Degree Requirements: BS in Computer Science, Information Systems, or other related scientific or technical discipline.

**Labor Category:** Technical Writer/Editor

Minimum Years of Experience: Minimum three (3) years' experience in gathering, analyzing, and composing technical information; conducting research and ensuring the use of proper technical terminology; and writing and editing technical reports and documents pertaining to all aspects of ADP.

Functional Responsibility: Collects, analyzes, and organizes information required for technical documentation and for the preparation of manuals, materials, and reports; edits functional descriptions, system specifications, manuals, reports and other customer deliverables and documents.

Minimum Educational/Degree Requirements: Bachelor's Degree in English, Literature, or other related discipline.

**Labor Category:** Test Engineer Junior

Minimum Years of Experience: Minimum two (2) years' experience in testing various systems. (must have at least one certification or equivalent from the following list and maintain throughout the task order: CSTP-P, CSTP-A, CASTP-P, CASTP-M, STE, CSTE, ISTQB, ASTQB, V Skills, and CSTAS). Possesses experience in writing test cases and test scripts from requirement documents and executes them. Experience in using different test tools for manual and automated testing.

Functional Responsibility: Analyzes requirement, writes test cases, tests scripts, and executes them. Identifies defects, logs defects, and reports them. Assists in the definition of internal quality control standards and the maintenance of reliability programs. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision.

Minimum Educational/Degree Requirements: Bachelor's Degree in related field.

**Labor Category:** Test Engineer Mid

Minimum Years of Experience: Minimum four (4) years of IT experience with two (2) years in testing various systems. (must have at least one certification or equivalent from the following list and maintain throughout the task order: CSTP-P, CSTP-A, CASTP-P, CASTP-M, STE, CSTE, ISTQB, ASTQB, V Skills, and CSTAS). Possess experience in writing test plans, test cases and test scripts from requirement documents and executes them. Experience in using different test tools for manual and automated testing. Experience in regression testing.

Functional Responsibility: Interacts with other teams to define, document, analyze, perform, and interpret tests for products, systems, components, or modifications. Analyzes requirement, prepares test plan, writes test cases, tests scripts, and executes them. Identifies defects, logs defects, and reports them. Assists in the definition of internal quality control standards and the maintenance of reliability programs. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision.

Minimum Educational/Degree Requirements: Bachelor's Degree in Computer Science, Engineering, or related field.

**Labor Category:** Test Engineer Senior

Minimum Years of Experience: Minimum eight (8) years of IT experience with four (4) years in testing various systems. (must have at least one certification or equivalent from the following list and maintain throughout the task order: CSTP-P, CSTP-A, CASTP-P, CASTP-M, STE, CSTE, ISTQB, ASTQB, V Skills, and CSTAS). Possess experience in writing test cases and test scripts from requirement documents and executes them. Experience in using different test tools for manual and automated testing. Experience in regression testing. Experience in leading test Teams.

Functional Responsibility: Interacts with other teams to define, document, analyze, perform, and interpret tests for products, systems, components, or modifications. Identifies functional problems and suggests resolutions. Assists in the definition of internal quality control standards and the maintenance of reliability programs. Analyzes requirements, prepares test plans, writes test cases, tests scripts, and executes them. Identifies defects, logs defects, and reports them. Leads the test teams.

Minimum Educational/Degree Requirements: Bachelor's Degree in Computer Science, Engineering, or related field.

Please see the education and experience equivalency notes below.

**High School Diploma** = Three (3) years of industry experience or GED

**Bachelor's Degree** = High school diploma plus four (4) years of industry experience

**Master's Degree** = High School diploma plus (6) years, or a Bachelor's Degree plus two (2) years of experience

**SIN 33411 GSA Pricelist**

<b>Part #</b>	<b>Description</b>	<b>GSA Price w/IFF</b>
TCHPAD-KIT	Wireless Touchscreen Control Interface System*	\$1,510.73
<b>Note:</b> *The Wireless Touchscreen Control Interface System is self-installable, but NCC installation is offered through the labor categories in SIN 54151S.		

**SIN 54151S GSA Pricelist**

<b>Labor Category</b>	<b>GSA PRICE + IFF 8/30/2020-8/29/2021</b>	<b>GSA PRICE + IFF 8/30/2021-8/29/2022</b>	<b>GSA PRICE + IFF 8/30/2022-8/29/2023</b>	<b>GSA PRICE + IFF 8/30/2023-8/29/2024</b>	<b>GSA PRICE + IFF 8/30/2024-8/29/2025</b>
AV Technician**	\$95.27	\$97.17	\$99.12	\$101.10	\$103.12
AV Subject Matter Expert (SME)	\$186.69	\$190.42	\$194.23	\$198.11	\$202.08
AV Engineer	\$171.13	\$174.55	\$178.04	\$181.60	\$185.24
AV Project Manager	\$129.64	\$132.24	\$134.88	\$137.58	\$140.33
AV Project Manager - Senior	\$168.54	\$171.91	\$175.35	\$178.85	\$182.43
A/V Programmer	\$171.13	\$174.55	\$178.04	\$181.60	\$185.24
Program Manager	\$250.14	\$255.14	\$260.24	\$265.45	\$270.76
Communications Network Technician Senior	\$98.69	\$100.66	\$102.68	\$104.73	\$106.83
Voice/Data Communications Engineer	\$153.94	\$157.02	\$160.16	\$163.36	\$166.63
Security Program Manager	\$200.97	\$204.99	\$209.09	\$213.27	\$217.54
Security Engineer	\$106.33	\$108.45	\$110.62	\$112.83	\$115.09
Security Engineer Mid	\$145.11	\$148.01	\$150.97	\$153.99	\$157.07
Security Engineer Senior	\$171.55	\$174.98	\$178.48	\$182.05	\$185.69
Lead Security Engineer Senior	\$176.14	\$179.66	\$183.25	\$186.92	\$190.66
Database Administrator	\$119.30	\$121.68	\$124.12	\$126.60	\$129.13
Database Administrator Mid	\$161.37	\$164.60	\$167.89	\$171.25	\$174.68
Database Administrator Senior	\$185.15	\$188.85	\$192.63	\$196.48	\$200.41
Data Warehouse Specialist	\$147.34	\$150.29	\$153.29	\$156.36	\$159.48
Enterprise Architect	\$184.83	\$188.53	\$192.30	\$196.14	\$200.07
Enterprise Network Engineer	\$137.42	\$140.17	\$142.97	\$145.83	\$148.75
Enterprise Network Engineer Mid	\$162.62	\$165.87	\$169.19	\$172.57	\$176.03
ERP Systems Architect	\$170.08	\$173.48	\$176.95	\$180.49	\$184.10
Functional Analyst Junior	\$114.70	\$116.99	\$119.33	\$121.72	\$124.16
Functional Analyst Senior	\$175.78	\$179.29	\$182.88	\$186.54	\$190.27
Service Desk Manager	\$152.55	\$155.60	\$158.72	\$161.89	\$165.13
Service Desk Specialist Asc	\$71.87	\$73.31	\$74.78	\$76.27	\$77.80

<b>Labor Category</b>	<b>GSA PRICE + IFF 8/30/2020- 8/29/2021</b>	<b>GSA PRICE + IFF 8/30/2021- 8/29/2022</b>	<b>GSA PRICE + IFF 8/30/2022- 8/29/2023</b>	<b>GSA PRICE + IFF 8/30/2023- 8/29/2024</b>	<b>GSA PRICE + IFF 8/30/2024- 8/29/2025</b>
Service Desk Specialist Mid	\$97.69	\$99.65	\$101.64	\$103.67	\$105.75
Applications Developer	\$128.32	\$130.88	\$133.50	\$136.17	\$138.90
Applications Developer Mid	\$146.03	\$148.95	\$151.93	\$154.97	\$158.07
Applications Developer Senior	\$153.63	\$156.70	\$159.84	\$163.03	\$166.29
Network Engineer	\$164.72	\$168.02	\$171.38	\$174.81	\$178.30
Programmer/Program Analyst Junior	\$132.45	\$135.10	\$137.81	\$140.56	\$143.37
Programmer/Program Analyst Mid	\$137.04	\$139.78	\$142.58	\$145.43	\$148.34
Programmer/Program Analyst Senior	\$146.35	\$149.28	\$152.26	\$155.31	\$158.42
Project Coordinator	\$97.56	\$99.52	\$101.51	\$103.54	\$105.61
Project Manager	\$145.11	\$148.01	\$150.97	\$153.99	\$157.07
Project Manager Mid	\$176.14	\$179.66	\$183.25	\$186.92	\$190.66
Project Manager Senior	\$215.74	\$220.06	\$224.46	\$228.95	\$233.53
Quality Assurance Engineer	\$111.85	\$114.09	\$116.37	\$118.70	\$121.07
Query and Report Writer	\$111.10	\$113.32	\$115.59	\$117.90	\$120.26
Security Analyst	\$145.11	\$148.01	\$150.97	\$153.99	\$157.07
Security Analyst Mid	\$171.55	\$174.98	\$178.48	\$182.05	\$185.69
Security Analyst Senior	\$176.14	\$179.66	\$183.25	\$186.92	\$190.66
Enterprise Solutions Architect	\$220.96	\$225.38	\$229.88	\$234.48	\$239.17
Software Engineer	\$154.06	\$157.14	\$160.28	\$163.49	\$166.76
Software Engineer Senior	\$210.40	\$214.61	\$218.90	\$223.28	\$227.74
Subject Matter Expert (SME)	\$220.96	\$225.38	\$229.88	\$234.48	\$239.17
System Architect	\$196.50	\$200.43	\$204.44	\$208.53	\$212.70
System Architect Senior	\$220.96	\$225.38	\$229.88	\$234.48	\$239.17
System Engineer	\$115.57	\$117.88	\$120.24	\$122.64	\$125.09
System Engineer Mid	\$180.49	\$184.10	\$187.79	\$191.54	\$195.37
System Engineer Senior	\$200.97	\$204.99	\$209.09	\$213.27	\$217.54
Technical Writer/Editor	\$123.02	\$125.49	\$127.99	\$130.55	\$133.17
Test Engineer Junior	\$111.85	\$114.09	\$116.37	\$118.70	\$121.07
Test Engineer Mid	\$125.37	\$127.87	\$130.43	\$133.04	\$135.70
Test Engineer Senior	\$146.47	\$149.40	\$152.39	\$155.44	\$158.55

**SIN 54151ECOM GSA Pricelist**

<b>Item #</b>	<b>Service Description</b>	<b>GSA price w/IFF</b>
<b>Captioning</b>		
RTCR-1	Real Time Captioning (remote) per event hour	\$120.91
RTCO-1	Real time Captioning (Onsite) (per hour) per event hour	\$201.51
OSSF	Real time Captioning (Onsite) (set up fee only)	\$210.58
	Post Production Set Up fee (Tape)	\$136.02
	Post Production Set Up fee (Electronic caption files)	\$68.01
	Post Production Set Up fee (Electronic video files)	\$113.35
PPSUF	Post Production (Set Up fee)	\$143.58
PPRU	Post Production (Roll Up) (Not real time) (per video hr)	\$235.77
PPPO	Post Production (Pop On)	\$362.72
PPPO-2	RealPlayer, WMV, Quicktime (Post production pop ons)	\$352.64
CCOR	Challenging Content (applicable to both onsite and remote) (per hour)	\$45.34
	Rush pricing per video / event hour	\$45.34
<b>Transcription**</b>		
TR-ST-1	Standard Transcription	\$116.37
TR-CC-1	Challenging Content (poor audio only) per audio hr	\$23.93
TR-CCST-1	Challenging Content (scientific/technical) per audio hr	\$23.93
TR-TC-1	Time Coded (per audio hr)	\$201.51
TR-AT-1	Attended Transcripts (per event hour)	\$176.32
TR-R-1	Recording (per hour)	\$42.32
TR-R-2	Three Day Rush pricing per audio hour	\$42.32
TR-R-2	Next Day Rush pricing per audio hour	\$63.48
TR-R-2	Same Day Rush pricing per audio hour	\$118.49
<b>Editing</b>		
E-CC-1	Coverion Costs (per video hr)	\$47.86
E-DG-1	Digitization (per video hr)	\$100.76
E-EDT-1	Editing (per work hour)	\$120.91
<b>Translation</b>		
T-SP-1	Spanish (per word)	\$0.10
TR-FRG-1	French, German (per word)	\$0.13
TR-FRG-1	Other language (per word)	\$0.24
<b>Note:</b> ** Labor category subject to Service Contract Labor Standards (SCLS). ***If an agency requires translation within another language that is currently not offered on schedule, National Capitol Contracting will offer that pricing outside the scope of this contract.		

<b>SCA/SCLS Matrix</b>		
<b>SCLS Eligible contract Labor Category</b>	<b>SCLS Equivalent Code</b>	<b>WD Number</b>
AV Technician	30032 Engineering Technician II	2005-2103

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