GENERAL SERVICES ADMINISTRATION
AUTHORIZED INFORMATION TECHNOLOGY SCHEDULE PRICELIST

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.

Category Attachment Code: F
Title: Information Technology
F04. IT Software Subcategory
FSC/PSC Code: 7030

F03. IT Services Subcategory
FSC/PSC Code: D399

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

I & I Software, Inc.
2571 Baglyos Circle, Suite B 32,
Bethlehem, PA 18020
TEL: (610) 882-9699 FAX: (610) 882-4341
WEBSITE: https://iandisoft.com/

Contract Number: GS-35F-128CA
Period Covered by Contract: December 24, 2019-December 23, 2024

Pricelist current through Modification PO-0018 effective November 6, 2019,
PO-0015 effective December 24, 2019 and PS A812 effective February 5, 2020

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

CONTRACTOR'S ADMINISTRATION SOURCE
Name: Shyam Kumar
Phone: (610) 882-9699, 610 509 6970, Fax: (610) 882-4341
Email: shyam.kumar@iandisoft.com

BUSINESS SIZE: Small business, SBA Certified Small Disadvantaged business

Tax ID: 23-3065691
Customer Information:

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

<table>
<thead>
<tr>
<th>SIN</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>511210; 511210 STLOC; 511210 RC</td>
<td>Software Licenses – Subject to Cooperative Purchasing</td>
</tr>
<tr>
<td>54151S; 54151S STLOC; 54151S RC</td>
<td>Information Technology Professional Services- Subject to Cooperative Purchasing</td>
</tr>
<tr>
<td>OLM; OLM STLOC; OLM RC</td>
<td>Order-Level Materials (OLMs) - Subject to Cooperative Purchasing</td>
</tr>
</tbody>
</table>

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

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 p.5 and p.17 for labor categories and pricing.

2. Maximum Order:
   SIN 511210: $500,000
   SIN 54151S: $500,000
   SIN OLM: $250,000

3. Minimum Order: $100.00

4. Geographic Coverage (delivery Area): Domestic
   *Domestic delivery* is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

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:

8. Prompt payment terms: None. 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):
SIN 511210: 2 Days ARO
SIN 54151S: TBD Task Order Level
SIN OLM: TBD Task Order Level

11b. Expedited Delivery:
SIN 511210: 1 Day ARO
SIN 54151S: TBD Task Order Level
SIN OLM: TBD Task Order Level

11c. Overnight and 2-day delivery: Contact Contractor

11d. Urgent Requirements: Agencies can contact the Contractor’s representative to affect a faster delivery. Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.

12. F.O.B Points(s): Destination

2571 Baglyos Circle, Suite B 32
Bethlehem, PA 18020
Phone: (610) 882-9699

13b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPS’s) are found in Federal Acquisition Regulation (FAR) 8.405-3.

2571 Baglyos Circle, Suite B 32
Bethlehem, PA 18020
Phone: (610) 882-9699

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. contractor’s website or other location.) The EIT standards can be found at: www.Section508.gov/. Not Applicable

25. Data Universal Numbering System (DUNS) number: 005531681

26. Notification regarding registration in the System for Award Management (SAM) Database: Registered. CAGE 61ZL9
SIN 54151S Labor Category Descriptions

**Commercial Job Title: Project Principal**

- Minimum/General Experience
  - Twelve (12) years’ experience in delivery of information systems and business transformation projects.
- Minimum Education
  - Bachelor’s degree
- Functional Responsibility
  - A Project Principal has executive responsibility and management accountability for the execution of client projects and typically oversees multiple projects. A Project Principal sets overall policy and direction for the engagement, communicates with clients and consulting teams to resolve issues, provide Subject Matter Expertise (SME) in one or more areas of their expertise to projects in their functional areas, act as senior client liaison, oversee contract and financial management for one or more engagements.

**Commercial Job Title: Solution Architect**

- Minimum/General Experience
  - Eight (8) years’ experience in technology solutions delivery, design & architecture of information systems and business transformation projects.
- Minimum Education
  - Bachelor’s degree
- Functional Responsibility
  - Participates in the design, creation, and maintenance of computerized applications and databases, based on a deep understanding of business transformation and enterprise architecture’s role in it. Responsible for the quality control and auditing of databases to ensure accurate and appropriate use of data. Consults with and advises users on access, works directly with users to resolve data conflicts and inappropriate data usage, and directs the maintenance and use of the enterprise architecture encyclopedia. Consults with programming personnel to resolve system performance issues. Responsible for the installation, maintenance, configuration, and integrity of databases. Implements application enhancements that will improve the reliability and performance of the application. Works with network engineers to schedule installations and upgrades and maintains them in accordance with established IT policies and procedures. Responsible for file maintenance, control, and product support and facilitates change control, problem management, and communication among architects, engineers, and analysts. Establishes and enforces processes to ensure a consistent, well-managed, and well integrated application infrastructure. Develops appropriate application and process documentation. Expertise with multiple technology stacks, latest evolving technology trends and object modeling methodology.

**Commercial Job Title: IT Project Manager**

- Minimum/General Experience
  - Eight (8) years’ experience in technology solutions development, delivery of information systems and business transformation projects.
- Minimum Education
  - Bachelor’s degree
- Functional Responsibility
  - Serves as the project manager for a project, task order or a group of task orders affecting the same common/standard/migration system and shall assist the Program Manager in working with the Government Contracting Officer (CO), the task order-level Task Managers (TMs), Government management personnel
and customer agency representatives. Under the guidance of the Program Manager, responsible for the overall management of the specific task order(s) and insuring that the technical solutions and schedules in the task order are implemented in a timely manner. Performs enterprise wide horizontal integration planning and interfaces to other functional systems. Has broad experience and background in the execution and delivery of IT projects.

**Commercial Job Title: Data Architect**

- Minimum/General Experience
  - Eight (8) years’ experience in technology solutions development with emphasis on database development, delivery of information systems and business transformation projects.
- Minimum Education
  - Bachelor’s degree
- Functional Responsibility
  - Defines and applies data policies in data discovery, data analysis and data architecture design across the enterprise. Works closely with subject matter experts to uncover, document, validate and model business requirements into specifications used to develop conceptual, logical and physical data structures. Ensures reuse and consistency of use of data across all applications. Monitors the implementation of business rules associated with data as reflected in the metadata.

**Commercial Job Title: Business Process Re-engineering Specialist**

- Minimum/General Experience
  - Four (4) years’ experience in delivery of information systems, business transformation projects and business process redesign.
- Minimum Education
  - Bachelor’s degree
- Functional Responsibility
  - Applies process improvement and re-engineering methodologies and principles to conduct process improvement and modernization projects. Responsible for effective transitioning of existing project teams and the facilitation of project teams in the accomplishment of project activities and objectives. Additional duties may include business process and data modeling, developing modern business methods, identifying best practices, and creating and assessing performance measurements. Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer. Key coordinator between multiple project teams to ensure enterprise-wide integration of reengineering efforts.

**Commercial Job Title: Principal Applications Developer**

- Minimum/General Experience:
  - Four (4) years’ experience in delivery of information systems, business transformation projects and business process redesign.
- Minimum Education
  - Bachelor’s degree
- Functional Responsibility
  - Leads a medium to large technical team performing design, implementation, and integration of software or independently performs complex software development tasks. Formulates /defines specifications for complex operating software programming applications or modifies/maintains complex existing applications using engineering releases and utilities from the manufacturer. Also, Designs, codes, test, debugs, and documents those programs. Provides overall guidance for operating systems, such as sophisticated file maintenance routines, large telecommunications networks, various middleware and software programs and applications. Assist all phases of software systems programming applications both custom as well as
packaged software. Experienced in a broad range of technologies or specialized in one technology stack. Evaluates new and existing software products.

**Commercial Job Title: IT Consultant**

- **Minimum/General Experience:**
  - Four (4) years experience in technology solutions development, delivery of information systems and business transformation projects.
- **Minimum Education:**
  - Bachelor's degree
- **Functional Responsibility:**
  - Leads major portions of large or medium projects, and leads small projects autonomously. Provides highly technical and specialized solutions to complex IT problems. Performs analyses and studies and prepares reports; Gathers facts through research, interviewing, surveys, etc. analyzes the client's business, draws conclusions, prepares final reports and gives presentations. Uses in-depth consultative skills and business knowledge to practice business transformation objectives and processes.

**Commercial Job Title: Sr. Applications Developer**

- **Minimum/General Experience:**
  - Four (4) years’ experience in technology solutions development, delivery of information systems and business transformation projects.
- **Minimum Education:**
  - Bachelor's degree
- **Functional Responsibility:**
  - Leads a small team performing design, implementation, and integration of software or independently performs complex software development tasks. Formulates /defines specifications for complex operating software programming applications or modifies/maintains complex existing applications using engineering releases and utilities from the manufacturer. Also, Designs, codes, test, debugs, and documents those programs. Participate all phases of software systems programming applications. Assist in evaluating new and existing software products.

**Commercial Job Title: Web Applications Developer**

- **Minimum/General Experience:**
  - Three (3) years’ experience in technology solutions development, delivery of information systems and web applications design and development.
- **Minimum Education:**
  - Associates degree
- **Functional Responsibility:**
  - Provide support to develop Web based applications including on line customer service to transform government agencies to be able to deliver their services on line. Provide support in developing the site concept, interface design, and architecture of the web-site. Provide support for the implementation of interfaces to applications.

**Commercial Job Title: Applications Developer**

- **Minimum/General Experience:**
  - Four (4) years’ experience in technology solutions development, delivery of information systems and applications design and development.
- **Minimum Education:**
  - Bachelor's degree
• Functional Responsibility:
  o Participates in design, implementation, and integration of software or independently performs complex software development tasks. Formulates /defines specifications for complex operating software programming applications or modifies/maintains complex existing applications using engineering releases and utilities from the manufacturer. Designs, codes, test, debugs, and document the programs. Provides overall operating system, such as sophisticated file maintenance routines, large Telecommunications networks, various middleware and software programs and applications. Assists all phases of software systems programming applications. Evaluates new and existing software products.

**Commercial Job Title: Sr. Database Management Specialist**

• Minimum/General Experience:
  o Four (4) years’ experience in technology solutions development with emphasis on database development, delivery of information systems and business transformation projects.

• Minimum Education:
  o Bachelor’s degree

• Functional Responsibility:
  o Supervises the development of database and data related projects including business requirements, design of logical and physical data models, development of database objects and scripts, testing, deployment and operations. Plans and budgets staff and data base resources. When necessary, reallocates resources to maximize benefits. Prepares and delivers presentations on database management systems (DBMS) concepts. Provides daily supervision and direction to support staff.

**Commercial Job Title: Sr. Business Analyst**

• Minimum/General Experience:
  o Four (4) years’ experience in delivery of technology solutions, information systems and business transformation projects. Experienced in understanding and bridging user community needs with technology solutions.

• Minimum Education:
  o Bachelor’s degree

• Functional Responsibility:
  o Analyze 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. Performs functional analysis to identify required tasks and their interrelationships. Possesses expert knowledge and experience in the requirements and integration. Works with end-users and developers on implementation and systems integration. Lead development of testing, Quality Assurance processes and requirements traceability. Provides daily supervision and direction to support staff and assist with development of plans and status reports.

**Commercial Job Title: Programmer Analyst**

• Minimum/General Experience
  o Three (3) years’ experience participating in delivery of technology solutions, information systems and business transformation projects.

• Minimum Education:
  o Associates degree

• Functional Responsibility:
  o Assist with Joint Application Development (JAD) sessions with business users to gather and analyze requirements. Develop and document technical requirements from gathered business requirements. Assist
with general design and detailed design including user interfaces to meet requirements. Development of code modules, data loading scripts, testing scripts and batch processes.

**Commercial Job Title: Database Management Specialist**

- **Minimum/General Experience:**
  - Four (4) years’ experience in technology solutions development with emphasis on database development, delivery of information systems and business transformation projects.
- **Minimum Education:**
  - Bachelor’s degree
- **Functional Responsibility:**
  - Work on the development of database and data related projects including business requirements, design of logical and physical data models, development of database objects and scripts, testing, deployment and operations. Provides highly technical expertise in the use of DBMS. Evaluates and recommends available DBMS products to support validated user requirements. Defines file organization, indexing methods and security procedures for specific user applications.

**Commercial Job Title: Business Analyst**

- **Minimum/General Experience:**
  - Three (3) years’ experience in delivery of technology solutions, information systems and business transformation projects. Experienced in understanding and bridging user community needs with technology solutions.
- **Minimum Education:**
  - Associates degree
- **Functional Responsibility:**
  - Analyze user needs to determine functional and cross-functional requirements. Handles test scripts and service requirements; works closely with end users on project development and implementation. Analysts should have a working knowledge of relational database environments, structured analysis, data modeling, information engineering, mathematical model building, sampling, and business processes to plan the system. They must be able to specify the inputs to be accessed by the system, design the processing steps, and format the output to meet the users’ needs. They also may prepare cost-benefit and return-on-investment analyses to help management decide whether implementing the proposed system will be financially feasible.

**Commercial Job Title: Jr. Programmer Analyst**

- **Minimum/General Experience:**
  - Two (2) years participating in delivery of technology solutions, information systems and business transformation projects.
- **Minimum Education:**
  - Associates degree
- **Functional Responsibility:**
  - Assist with Joint Application Development (JAD) sessions with business users to gather and analyze requirements. Develop and document technical requirements from gathered business requirements. Assist with general design and detailed design including user interfaces to meet requirements. Develop code modules, data loading scripts, testing scripts and batch processes under supervision of senior staff. Assist with the development of detailed technical documentation, technical manuals, end-user training and tier 2 user support.

**Commercial Job Title: Quality Assurance Specialist**
• Minimum/General Experience:
  o Three (3) years’ experience with information systems projects, systems analysis and systems administration in one or more technology stacks.

• Minimum Education:
  o Associates degree

• Functional Responsibility:
  o Assists in the implementation of Quality Assurance processes for correctness, adherence to the design concept and to user standards, review of program documentation to assure Government standards/requirements are adhered to, and for progress in accordance with schedules. Development of test plans, test scripts, testing processes and development of QA documentation. Coordinates with development teams to ensure bug fixes, problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates and end user representatives.

**Commercial Job Title: Data Warehouse Specialist I**

• Minimum/ General Experience:
  o Four (4) years of specific data warehousing experience in development data warehouses using either Oracle, MS SQL server, IBM DB2, Sybase, TeraData or similar relational database products.

• Minimum Education:
  o Bachelor’s degree in Computer Science or related discipline

• Functional Responsibility:
  o Performs as a Data Warehouse Developer/Administrator on large-scale database management systems, knowledge of system and database packages and ability to develop complex software to satisfy design objectives. Possesses ability to assume increasing responsibilities in enterprise data warehouse project information system design and management. Applies an enterprise-wide set of data warehouse disciplines for the planning, analysis, data refinement, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodologies for problem solutions. Performs enterprise-wide strategic systems planning, business information planning, business and analysis. Provides daily supervision and direction to organization.

**Commercial Job Title: Database Administrator I**

• Minimum/ General Experience:
  o Seven (7) years of experience in set-up, upgrade and maintenance of either Oracle, MS SQL server, IBM DB2, Sybase, TeraData or similar relational database products.

• Minimum Education:
  o Bachelor’s degree in Computer Science or related discipline

• Functional Responsibility:
  o Provides technical expertise in the design of the database structures. The Database Administrator shall be responsible for a group of databases. The Database Administrator shall have experience in the logical design of database structure. This includes record content and record to record (set) relationships to achieve a desired information processing goal. The individual shall have experience in the design and use of databases in the N-tier or client server and Operational Database Connectivity (ODBC) environment. The individual shall have experience in translation of the logical design into the schema view of the logical and physical aspects of the database. He/she shall be knowledgeable in the design and translation of schemas to partition the total view of the database into subset views of each distinct application, experience in maintenance of privacy locks and monitoring of subschemas validated against the schema and programs compiled against the subschema. The individual shall also be able to determine when and where problems exist in a database and be able to fix those problems. He/she will institute and implement database backup and recovery procedures. Setup Database security and performance standards.
Commercial Job Title: Database Modeler I

- Minimum/General Experience:
  o Four (4) years of experience in data modeling and analysis of medium to large databases using database modeling or diagramming tools.
- Minimum Education:
  o Bachelor's degree
- Functional Responsibility:
  o Identifies and documents data requirements that support business needs. Create context level information flow diagrams. Perform data analysis and data profiling. Develop data models that support specific project needs as well as data sharing across systems. Design data interfaces and document source-to-target data transformation rules. Work with Database Base Administrator's and provide information needed for transferring logical models into physical model. Required Knowledge of enterprise architecture concepts and practices. Thorough understanding of different data integration methods and techniques. Ability to identify issues with information flows between systems and recommend improvements. Extensive data modeling and data design experience. Analyzes functional business applications and design, specifications for data and functional activities. Develops data models, block diagrams, and logic flow charts. Prepares required documentation, including both program-level and user-level documentation. Demonstrated ability to work independently with minimal supervision.

Commercial Job Title: Functional Analyst I

- Minimum/General Experience:
  o Three (3) year of requirements analysis in a specialized IT area(s), e.g., Operations Analysis, T&E/IV&V, CM, QA, Technical Documentation, Information Security, Financial Management and Administration, Program Support.
- Minimum Education:
  o Bachelor’s degree in Computer Science or related discipline
- Functional Responsibility:
  o Functional knowledge of task order specific requirements, or developing functional requirements for small to mid-size projects or specific tasks. Demonstrated ability to work independently or under only general direction of the Principal Functional Analyst. Leads a medium to large team performing tasking in area of discipline or related areas (Operations Analysis, T&E/IV&V, CM, QA, Technical Documentation, Information Security, Financial Management and Administration, Program Support, etc.), or independently performs highly complex tasks in area of discipline or related areas. Works with the Principal Functional Analyst to define and document task requirements. Performs systematic reviews of selected functions to determine application and design against defined requirements. Develops and updates functional or operating manuals outlining established methods of performing work in accordance with organizational policy. Provides functional guidance on assigned tasks. Skilled at the advanced word processing, spreadsheet, and general office tools.

Commercial Job Title: Graphical User Interface (GUI) Development Specialist Level I

- Minimum/General Experience:
  o Four (4) years’ experience developing GUI applications using graphical Object Oriented Programming Systems (OOPS) capable of supporting N-tier or client server architecture. Has expertise and experience in the use of application development environments, which require the use of OOPS, techniques to include the use of classes, properties, methods, inheritance, overloading and polymorphism.
- Minimum Education:
• Bachelor’s degree

**Functional Responsibility:**
• Provides highly technical expertise and guidance for the development of N-tier or client server applications, which will operate in a GUI environment including but not limited to Microsoft Windows, OS/2 Presentation Manager, X-Windows, and UNIX. Provides recommendations and guidance to the Government and other contractors in the conversion of character-based applications to GUI based platforms. Participates in the evaluation of GUI/OOPS development environments to determine the most suitable platform to support the conversion, development and operation of applications.

**Commercial Job Title: LAN Administrator Level I**

• Minimum/General Experience:
  • Four (4) years of specific experience in the administration of multiple protocol LAN and troubleshooting and maintaining large LANs.

• Minimum Education:
  • Bachelor’s degree in a related discipline

• Functional Responsibility:
  • Installs, maintains and monitors the operation of the organization’s local area network. Evaluates vendor products in hardware, software, and telecommunications equipment and recommends purchases consistent with the organization’s short and long term objectives. Recommends and implements LAN policies and standards and ensures adherence to security procedures. Maintains contact with outside organizations in the maintenance, service and/or purchase of the LAN. Trains users on LAN operations and procedures. Position may require certification.

**Commercial Job Title: Programmer I**

• Minimum/General Experience:
  • Five (5) years of independent programming, including responsibility for significant software development projects. One (1) year of supervision of programming personnel on significant software development projects.

• Minimum Education:
  • Associates degree

• Functional Responsibility:
  • Develops diagrammatic plans for solution to problems by means of IT hardware and software. Analyzes programs outlined by a system analyst for such factors as type and extent of information to be transferred from storage units, sorting, and format of final printed results. Confers with contractor technical and analyst personnel, and designs detailed computations and sequence of machine operations. Translates design into coded instructions. Verifies accuracy and validity of programs by preparing sample data and testing. Corrects program errors and modifies the program as required by revising instructions. As required, may supervise programmers in all phases of software development projects.

**Commercial Job Title: Programmer Level II**

• Minimum/General Experience:
  • Three (3) years of independent programming on significant software development projects.

• Minimum Education:
  • Bachelor’s degree in Information Management Systems or a related field, or equivalent experience through course work or job experience.

• Functional Responsibility:
  • Under general supervision, analyzes systems requirements and design specifications, and develops block diagrams and logic flowcharts. Translates detailed design into computer program to produce the product
required by the written specifications. Documents procedures used throughout the program to allow the program to be run as a part of system, and prepare program documentation to enable a subsequent programmer to make changes as may be required. Revises program to make refinements, reduce operating time or improve efficiency.

**Commercial Job Title: Senior Project Manager**

- **Minimum/General Experience:**
  - Five (5) years of program management tasks on a major IT-related projects.
- **Minimum Education:**
  - Bachelor's degree in a related discipline. A Master's degree is preferred but not required.
- **Functional Responsibility:**
  - Must demonstrate proven leadership and management skills. Requires comprehensive engineering project development experience from start through deployment, a demonstrated ability to provide guidance and direction for multiple tasks across several functional areas, including the use of different technologies. Proven expertise in understanding program requirements of the types of tasks to be performed, reviewing and evaluating all work performed, management and control of funds and resources, and providing direction to ensure compliance with all management policies.

**Commercial Job Title: Project Manager**

- **Minimum/ General Experience:**
  - Two (2) years of program management tasks on a major IT-related projects.
- **Minimum Education:**
  - Bachelor's degree in a related discipline. A Master's degree is preferred but not required.
- **Functional Responsibility:**
  - Provides management and technical guidance to contract personnel on the performance of all task orders issued under this contract. Expertise will be in advanced or highly complex IT systems. Shall be able to evaluate and manage the work performed in all phases of software development and implementation, with a special emphasis on study, analysis, and testing and acceptance phases. Areas of IT specialization may include telecommunications, interactive processing, real-time programming, software/ interaction, source data automation, software validation and verification, micro/mini computers, teleprocessing monitors, and operating system software. Participates in hardware/software evaluations. Coordinates with Government personnel to ensure that the solution will satisfy the customer’s requirements. Provides highly technical expertise and guidance in IT specialties not covered by other specialties.

**Commercial Job Title: Software Architect**

- **Minimum/ General Experience:**
  - Four (4) years of software development life cycle and implementing software architecture.
- **Minimum Education:**
  - Bachelor's Degree in Systems Engineering, Computer Science or related field
- **Functional Responsibility:**
  - Serves as technical lead for large-scale software development efforts. Oversees teams of technical resources in the full development life-cycle for complex software systems. Has demonstrated technical and business management experience. Interacts with clients and technical resources to ensure on-time, within-budget delivery of system specifications. Defines, gathers and analyzes system requirements and specifications. Designs architecture and data flow of complex software systems. Programs software components to specifications. Integrates, tests, and debugs software components. Deploys and maintains software systems. Tunes system performance in both software and hardware. Provides technical database support including database design, development and management. Recommends and deploys long term
database process and performance improvements. Develops database policies and procedures. Knowledgeable of data warehousing and data.

**Commercial Job Title: Software Tester I**

- **Minimum/ General Experience:**
  - Two (2) years of experience in the testing of computer systems or software.
- **Minimum Education:**
  - Associates degree
- **Functional Responsibility:**
  - Must have working experience with systems and/or software standards, configuration control and documentation management, requirements analysis, problem solving, troubleshooting, and the use of metrics and testing. Guide technical staff to develop testing metrics during functional analysis of requirements. Conducts preliminary and acceptance testing. Participates in design concept reviews and walkthroughs, and works with QA staff to ensure adherence to standards and quality. Issues test results.

**Commercial Job Title: Systems Administrator I**

- **Minimum/ General Experience:**
  - Five (5) years of experience in performing systems administration functions on UNIX or Mainframe or Windows server with data storage arrays.
- **Minimum Education:**
  - Bachelor’s Degree
- **Functional Responsibility:**
  - Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Ensures the security and resource access policies are implemented. Provides assistance to users in accessing and using business systems. Upgrades Operating Systems, applies patches and enhancements. Reconfigures the resources for new distribution requirements.

**Commercial Job Title: Systems Analyst I**

- **Minimum/ General Experience**
  - Five (5) years of experience in the analysis and design of business applications on complex, large-scale system.
- **Minimum Education:**
  - Bachelor's Degree
- **Functional Responsibilities:**
  - Provide the analysis and design of business applications on complex, large-scale systems, including experience in database management. Knowledge of state-of-the-art storage and retrieval methods is required, as well as the ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs. Provide systems analysis and design, development, support implementation, and integration of micro, mainframe, distributed, and N-tier or client server systems.

**Commercial Job Title: Systems Architect**

- **Minimum/ General Experience:**
  - Eight (8) year of design and engineering in a specialized IT area(s), e.g., enterprise architecture, networking, operating systems software, software/hardware integration, software validation and verification. Two years of supervisory experience.
- **Minimum Education:**
Master's degree in Engineering or a related discipline. A Bachelor's Degree and three (3) years of general experience is equivalent to a Master's Degree.

- Functional Responsibility:
  - Works independently to provide system design and engineering tasks which are concerned with design and implementation of enterprise systems development and integration, including hardware, software, and support personnel, facilities and/or equipment. Integrates design and engineering services into customer organization's Enterprise Architecture. Work encompasses all elements of the system, including the network, hardware, software, and services. Supervises team of engineers through project completion and is considered an expert in one or more specific areas of computer system design and networking. Responsible for complex technical/engineering projects, as the lead design authority on the project. Ensures conformance with system and network design, engineering, and customer specifications.

**Commercial Job Title: Technical Specialist**

- Minimum/ General Experience:
  - Two (2) years of experience in job functions related to Information technology field.
- Minimum Education:
  - Bachelor's degree
- Functional Responsibility:
  - Coordinates proposed policies, procedures, systems, forms and reports among all locations and departments. Analyzes existing forms and methods to promote effective operations through standardization, improvement, simplification, discontinuance or other methods. Installs new systems and procedures in various departments and instructs personnel regarding them. Recommends installation of office equipment and business machines best suited for work to be performed. Reviews the functions and structure of organization units to avoid overlapping or duplication. Reviews personnel change requisitions to determine their effect on established organization structures and job functions.

**Commercial Job Title: Web Developer I**

- Minimum/ General Experience:
  - Four (4) years of experience in demonstrating a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals, such as production of graphic sketches, designs, and copy layouts for online content
- Minimum Education:
  - Bachelor's degree
- Functional Responsibility:
  - Determines size and arrangement of illustrative material and copy, selects style and size of type, and arranges layout based upon available space, knowledge of layout principles, and aesthetic design concepts. Designs and constructs web pages/sites including incorporating graphic user interface (GUI) features and other techniques. Maintains and provides ongoing design of the website, promos and ad banners, seasonal content specials and custom chat launcher design for partners.

**Commercial Job Title: Web Developer II**

- Minimum Experience:
  - Three (3) years of experience in demonstrating a variety of the field's concepts, practices, and procedures. Plans and accomplish goals, such as producing graphic sketches, designs, and copy layouts for online content.
- Minimum Education:
  - Bachelor's degree
- Functional Responsibility:
• Determines size and arrangement of illustrative material and copy, selects style and size of type, and
  arranges layout based upon available space, knowledge of layout principles, and aesthetic design concepts.
  Designs and constructs web pages/sites including incorporating graphic user interface (GUI) features and
  other techniques. Maintains and provides ongoing design of the website, promos and ad banners, seasonal
  content specials and custom chat launcher design for partners.

Commercial Job Title: Personally Identifiable Information (PII) Privacy and Security Data Architect

• Minimum/General Experience
  o 3+ years of information privacy and security information technology data policy and process experience
  o Minimum 3 years’ experience with data storage, transmitting and at rest security controls.
  o Minimum 3 years’ experience with network and host security assessment tools, vulnerability analysis and
    internal auditing
• Minimum Education
  o Bachelor’s degree
• Functional Responsibility
  o Provide personally identifiable information (PII) privacy and security architecture expertise
  o Assist in establishing customer and employee data privacy and security programs
  o Provide PII analysis of the identified PII data to include data use process mapping, data classification, data
    stewardship and data retention
  o Assist development of integrated organization-wide policies, plans and procedures enabling the business
    use of PII data in a protected and secure data environment
  o Assist systems administrators in implementing corrective actions required as a result of vulnerabilities
    uncovered during data discovery and analysis
  o Assist with project planning and scope for improved privacy and security of customer and employee PII
  o Assist in developing operational processes and controls to ensure the effective and safe use and storage of
    PII data across the enterprise.

Commercial Job Title: Business Systems Analyst

• Minimum/General Experience
  o Minimum 7 years of Business Systems Analyst experience in retail domain.
  o Knowledge of System Development Life Cycle (SDLC), including Waterfall and Agile methodologies.
  o Solid understanding in Relational Database SQL, analyzing data using database tools, Object Oriented
    Programming Concepts.
• Minimum Education
  o Bachelor’s degree
• Functional Responsibility
  o Provide personally identifiable information (PII) privacy and security architecture expertise
  o Assist in establishing customer and employee data privacy and security programs
  o Provide PII analysis of the identified PII data to include data use process mapping, data classification, data
    stewardship and data retention
  o Assist development of integrated organization-wide policies, plans and procedures enabling the business
    use of PII data in a protected and secure data environment
  o Assist systems administrators in implementing corrective actions required as a result of vulnerabilities
    uncovered during data discovery and analysis
  o Assist with project planning and scope for improved privacy and security of customer and employee PII
  o Assist in developing operational processes and controls to ensure the effective and safe use and storage of
    PII data across the enterprise.

Commercial Job Title: Software Quality Analyst

• Minimum/General Experience
  o Minimum 3 plus years of QA experience in the retail domain.
  o Traditional QA skills, including ability to create various testing artifacts, creation and execution of test plans,
    create and execution of test scripts and support UAT
- Solid understanding in Relational Database SQL, Analyzing data using database tools, Object Oriented Programming Concepts

- **Minimum Education**
  - Bachelor's degree

- **Functional Responsibility**
  - Develop publish and implement test plans
  - Write and maintain test cases and test scripts
  - Create and maintain test data
  - Clearly document and re-verify all defects
  - Document test results
  - Analyzing the requirements for multi-tier architected web-commerce applications from industry standard design documents.
  - Developing high-level test design and planning documentation.
  - Design, code, test, and execute test case scenarios
  - Analysis of test results leading to defect isolation and resolution.
  - Report and track defects in a bug tracking system.
  - Identify test automation opportunities
  - Identifying process improvements and take lead on ongoing initiatives.
  - Experience in implementing software solutions in a retail environment, including POS implementation

**Commercial Job Title: Quality Assurance(QA) Test Lead**

- **Minimum/General Experience**
  - Minimum 7 years of Test Lead/QA experience in the ecommerce retail domain.
  - Identifying process improvements and take lead on ongoing initiatives.
  - Experience in implementing software solutions in a retail environment, including ATG and/or sterling commerce

- **Minimum Education**
  - Bachelor’s degree

- **Functional Responsibility**
  - Define the Test Strategy for various projects.
  - Develop the test plan for the tasks, dependencies and participants required to mitigate the risks to system quality and obtain stakeholder support for this plan.
  - Estimate and obtain management support for the time, resources and budget required to perform the testing.
  - Ensure content and structure of all Testing documents / artifacts is documented and maintained.
  - Document, implement, monitor, and enforce all processes for testing as per standards defined by the organization and project.
  - Check / Review the Test Cases documents.
  - Keep track of the new requirements / change in requirements of the Project.
  - Escalate the issues about project requirements (Software, Hardware, Resources) to Project leadership.
  - Track and prepare the report of testing activities like test testing results, test case coverage, required resources, defects discovered and their status, performance baselines etc.
  - Review various reports prepared by BSAs/Testers

**SIN 54151S GSA Pricing**

<table>
<thead>
<tr>
<th>Labor Category</th>
<th>GSA HOURLY RATE W/ IFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Principal</td>
<td>$147.36</td>
</tr>
<tr>
<td>Solution Architect</td>
<td>$132.62</td>
</tr>
<tr>
<td>IT Project Manager</td>
<td>$93.32</td>
</tr>
<tr>
<td>Data Architect</td>
<td>$103.15</td>
</tr>
<tr>
<td>Business Process Re-engineering Specialist</td>
<td>$88.41</td>
</tr>
<tr>
<td>Principal Application Developer</td>
<td>$98.24</td>
</tr>
<tr>
<td>Labor Category</td>
<td>GSA HOURLY RATE W/ IFF</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>IT Consultant</td>
<td>$103.15</td>
</tr>
<tr>
<td>Sr. Applications Developer</td>
<td>$83.50</td>
</tr>
<tr>
<td>Web Applications Developer</td>
<td>$63.85</td>
</tr>
<tr>
<td>Applications Developer</td>
<td>$68.77</td>
</tr>
<tr>
<td>Sr. Database Management Specialist</td>
<td>$83.50</td>
</tr>
<tr>
<td>Sr. Business Analyst</td>
<td>$88.41</td>
</tr>
<tr>
<td>Programmer Analyst</td>
<td>$63.85</td>
</tr>
<tr>
<td>Database Management Specialist</td>
<td>$68.77</td>
</tr>
<tr>
<td>Business Analyst</td>
<td>$82.89</td>
</tr>
<tr>
<td>Jr. Programmer Analyst</td>
<td>$54.03</td>
</tr>
<tr>
<td>Quality Assurance Specialist</td>
<td>$54.03</td>
</tr>
<tr>
<td>Data Warehouse Specialist I</td>
<td>$108.06</td>
</tr>
<tr>
<td>Database Administrator I</td>
<td>$86.45</td>
</tr>
<tr>
<td>Database Modeler I</td>
<td>$76.87</td>
</tr>
<tr>
<td>Functional Analyst I</td>
<td>$54.03</td>
</tr>
<tr>
<td>Graphical User Interface(GUI) Development Specialist Level I</td>
<td>$60.91</td>
</tr>
<tr>
<td>LAN Administrator Level I</td>
<td>$73.68</td>
</tr>
<tr>
<td>Programmer I</td>
<td>$67.78</td>
</tr>
<tr>
<td>Programmer II</td>
<td>$56.98</td>
</tr>
<tr>
<td>Senior Project Manager</td>
<td>$68.77</td>
</tr>
<tr>
<td>Project Manager</td>
<td>$65.82</td>
</tr>
<tr>
<td>Software Architect</td>
<td>$72.70</td>
</tr>
<tr>
<td>Software Tester I</td>
<td>$54.03</td>
</tr>
<tr>
<td>System Administrator I</td>
<td>$82.52</td>
</tr>
<tr>
<td>System Analyst I</td>
<td>$84.73</td>
</tr>
<tr>
<td>Systems Architect</td>
<td>$108.06</td>
</tr>
<tr>
<td>Technical Specialist</td>
<td>$39.29</td>
</tr>
<tr>
<td>Web Developer I</td>
<td>$55.99</td>
</tr>
<tr>
<td>Web Developer II</td>
<td>$51.08</td>
</tr>
<tr>
<td>Personally Identifiable Information(PII) Privacy and Security Data Architect</td>
<td>$132.62</td>
</tr>
<tr>
<td>Business Systems Analyst</td>
<td>$95.29</td>
</tr>
<tr>
<td>Quality Assurance (QA) Test Lead</td>
<td>$103.15</td>
</tr>
<tr>
<td>Software Quality Analyst</td>
<td>$95.29</td>
</tr>
</tbody>
</table>