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GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT,
SOFTWARE AND SERVICES

GSA *Advantage!*®
www.gsaadvantage.gov

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

SCHEDULE TITLE: FEDERAL SUPPLY MULTIPLE AWARD SCHEDULE

GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT, SOFTWARE, AND SERVICES

CONTRACT NUMBER: GS-35F-0395Y

Note: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

SPECIAL ITEM NUMBER 54151S - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES

FPDS Code D301	IT Facility Operation and Maintenance
FPDS Code D302	IT Systems Development Services
FPDS Code D306	IT Systems Analysis Services
FPDS Code D307	Automated Information Systems Design and Integration Services
FPDS Code D308	Programming Services
FPDS Code D310	IT Backup and Security Services
FPDS Code D311	IT Data Conversion Services
FPDS Code D313	Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) Services
FPDS Code D316	IT Network Management Services
FPDS Code D317	Creation/Retrieval of IT Related Automated News Services, Data Services, or Other Information Services (All other information services belong under Schedule 76)

Note 1: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

Note 2: Offerors and Agencies are advised that the Group 70 – Information Technology Schedule is not to be used as a means to procure services which properly fall under the Brooks Act. These services include, but are not limited to, architectural, engineering, mapping, cartographic production, remote sensing, geographic information systems, and related services. FAR 36.6 distinguishes between mapping services of an A/E nature and mapping services which are not connected nor incidental to the traditionally accepted A/E Services.

Note 3: This solicitation is not intended to solicit for the reselling of IT Professional Services, except for the provision of implementation, maintenance, integration, or training services in direct support of a product. Under such circumstances the services must be performance by the publisher or manufacturer or one of their authorized agents.

SPECIAL ITEM NUMBER ANCILLARY – ANCILLARY SUPPLIES AND SERVICES

FPDS Code D399 Other Information Technology Services, Not Elsewhere Classified

SPECIAL ITEM NUMBER OLM – ORDER-LEVEL MATERIALS (OLMs)
SUBJECT TO COOPERATIVE PURCHASING

Contract Number: **GS-35F-0395Y**	**SilTek, Inc.**
Period Covered by Contract: **May 9, 2012 – May 8, 2027**	107 Carpenter Dr., Suite 210
Pricing Current through **Mod PA-0025 Dated January 16, 2024**	Sterling, Virginia 20164
SAM UEI: LNNABMKX1VV3	(703) 464-7400, Ext. 224
DUNS Number: 01-491-7103	Fax: (703) 464-0989
Business Size: SBA Certified Woman-Owned Small Business (WOSB)	www. siltek.com

Products and ordering information in this Authorized Federal Supply Schedule Pricelist are also available on the GSA Advantage! System (http://www.gsaadvantage.gov).

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Appendices

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INFORMATION FOR ORDERING ACTIVITIES
APPLICABLE TO ALL SPECIAL ITEM NUMBER (SINs)

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1a. Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s). **See pricing charts on pages 22 and 24.**

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. **See pricing charts on pages 22 and 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. If hourly rates are not applicable, indicate "Not applicable" for this item. **See pricing charts on pages 22 and 24.**

2. Maximum order.

> **For SIN 54151S – $500,000**
>
> **For SIN ANCILLARY – $250,000**

3. Minimum order. **$100.00**

4. Geographic coverage (delivery area). **The Geographic Scope of Contract will be domestic and overseas delivery**

5. Point(s) of production (city, county, and State or foreign country).

> **SilTek, Inc.**
> **107 Carpenter Drive, Suite 210**
> **Sterling, Virginia 20164**

6. Discount from list prices or statement of net price. **See pricing charts on pages 22 and 24.**

7. Quantity discounts. **None**

8. Prompt payment terms. **Net 30 Days**

9a. Notification that Government purchase cards are accepted at or below the micro-purchase threshold.

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

10. Foreign items (list items by country of origin). **N/A**

11a. Time of delivery. **As negotiated between ordering agency and contractor**

11b. Expedited Delivery. The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list." under this heading. The Contractor may use a symbol of its choosing to highlight items in its price lists that have expedited delivery. **Need to contact contractor.**

11c. Overnight and 2-day delivery. The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery. **Need to contact contractor.**

11d. Urgent Requirements. The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery. **Need to contact contractor.**

12. F.O.B. point(s). **Destination** 13a.

Ordering address(es).

> **SilTek, Inc.**
> **107 Carpenter Drive, Suite 210**
> **Sterling, Virginia 20164**

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).

> **SilTek, Inc.**
> **107 Carpenter Drive, Suite 210**
> **Sterling, Virginia 20164**

15. Warranty provision. **Standard 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). **N/A**

18. Terms and conditions of rental, maintenance, and repair. **N/A**

19. Terms and conditions of installation (if applicable). **N/A**

20a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable). **N/A**

20b. Terms and conditions for any other services (if applicable). **N/A**

21. List of service and distribution points (if applicable). **N/A**

22. List of participating dealers (if applicable). **N/A**

23. Preventive maintenance (if applicable). **N/A**

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

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

25. Data Universal Number System (DUNS) number. **014917103**

26. Notification regarding registration in the System for Award Management (SAM) database. **SilTek is registered in SAM.**

APPENDIX A: SIN 54151S - IT LABOR CATEGORY DESCRIPTIONS

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Project/Program Manager I	**Functional Responsibility & Experience:** The position provides technical oversight for projects such as computer applications, systems development, facilities management, network operations, and engineering studies and ensures that the program is executed on schedule and within budget. The Project/Program Manager I also provide expert functional and management guidance to the project and meets regularly with client and program managers to discuss program status and resolve related issues. **Experience:** Requires two years of project experience that provides the required knowledge and skills for technical management and three years of general technology experience. **Minimum Education**: Bachelor's degree (or equivalent experience) in a related engineering, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.
Project/Program Manager II	**Functional Responsibility & Experience:** The Program/Project Manager II provides business, financial, technical and personnel management for projects such as computer applications, systems development, facilities management, network operations, and engineering studies. This position has overall management authority for a program or project and is the contractor's authorized interface with the Government Contracting Officer (CO) or the Contracting Officer's representative. The Program Manager meets periodically with program management to review the quality of services being provided, ensure services meet expectations, and address any contract issues. This position is responsible for resources, work standards, schedules, reviewing progress reports, supervising personnel, communicating policies, purposes, goals, accomplishments and responsible for overall contract performance. **Experience**: Requires five years of experience that provides the required knowledge and skills for project management and eight years of general IT experience. **Minimum Education:** Bachelor's degree (or equivalent experience) in a related engineering, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.
Systems Engineer I	**Functional Responsibility & Experience:** The Systems Engineer I performs a combination of the following functions: (a) Computer and/or Network Systems background in systems analysis, systems design, systems operations, and/or systems integration; (b) Systems Integration experience in government or commercial systems integration work with major systems, sub-systems, computer interfaces conducting module and integrated systems test programs; (c) Database Systems background shall include experience in database prototyping, integration of new and existing database systems; and (d) Information Systems Planning implementing strategic planning, business process re-engineering, information engineering, migration studies, data flow operations, and related operations research including the use of CASE modeling tools such as System Architect, Design IDEF, Composer, BPWin, IEF, IEW and/or ERWin. **Experience:** Three years of experience in any combination of the above disciplines. **Minimum Education:** Bachelor's degree (or equivalent experience) in a related engineering, business, information systems, computer science, physical science, professional or technical field.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Systems Engineer II	**Functional Responsibility & Experience:** The Systems Engineer II performs a combination of the following functions: (a) Computer and/or Network Systems background in systems analysis, systems design, systems operations, and/or systems integration; (b) Systems Integration experience in government or commercial systems integration work with major systems, sub-systems, computer interfaces conducting module and integrated systems test programs; (c) Database Systems background shall include experience in database prototyping, integration of new and existing database systems; and (d) Information Systems Planning implementing strategic planning, business process re-engineering, information engineering, migration studies, data flow operations, and related operations research including the use of CASE modeling tools such as System Architect, Design IDEF, Composer, BPWin, IEF, IEW and/or ERWin. **Experience:** Five years of experience in any combination of the above disciplines. **Minimum Education:** Master's degree (or equivalent experience) in a related engineering, business, information systems, computer science, physical science, professional or technical field.
Network Engineer I	**Functional Responsibility & Experience:** The position performs design, installation, troubleshooting, and support of local and wide area network hardware, software and applications and is vendor-certified with industry standard Network Operating Systems such as CNE, MCSE, and Banyan Vines. Installs and configures WAN hardware including routers and CSU/DSU's, as well as LAN hardware such as servers, switches, hubs, and bridges. Works independently with minimal supervision. **Experience:** Requires two years of directly related experience. **Minimum Education:** Bachelor's degree (or equivalent experience) in a related engineering, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.
Network Engineer II	**Functional Responsibility & Experience:** The position performs design, installation, troubleshooting, and support of local and wide area network hardware, software and applications. Is vendor-certified with industry standard Network Operating Systems such as CNE, MCSE, and Banyan Vines. Installs and configures WAN hardware including routers and CSU/DSU's, as well as LAN hardware such as servers, switches, hubs, and bridges. Works independently with minimal supervision. **Experience:** Requires four years of directly related experience. **Minimum Education:** Bachelor's degree (or equivalent experience) in a related engineering, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Information Assurance Specialist	**Functional Responsibility & Experience:** The Information Assurance Specialist (IAS) is knowledgeable in several aspects of computer technology including computer network design and infrastructure. In creating or working with a network design (local or wide area networks), the IAS analyzes business needs and objectives of the client organization and evaluates cryptography as included as a part of the information technology security design. IA specialists are knowledgeable in intrusion detection and control, understanding how to inspect all inbound and outbound network activity to identify suspicious patterns that may indicate someone is attempting to break into or compromise a computer system. IA Specialists understand how to implement and manage user authorization and authentication, plan for and manage an organization's data integrity and recovery processes, evaluate systems for bugs or viruses, and participate in the disaster planning and recovery processes. Participate in organizational functions of creating a security policy for the organization and making sure that people within the organization adhere to it has familiarity with national and state laws that regulate privacy concerns and electronic commerce. **Experience:** One to three years of directly related experience. **Minimum Education:** A combination of education (Bachelor's in systems engineering or equivalent), experience and certifications including the Certified Information System Security Professional (CISSP).
Chief Enterprise Architect	**Functional Responsibility & Experience:** Leads and directs large teams with diverse functional and technical disciplines to include enterprise architects, systems engineers, business analysts, and network engineers. Works directly with senior executives of the enterprise to consult, coach, and advise on strategy, business alignment, enterprise architecture, information technology solutions, and the associated impact on the organization and its stakeholders. Coordinates resolution of highly complex problems and tasks, selling new ideas and concepts in support of operational goals and objectives. Provides technical and analytical guidance to enterprise architecture team. Integrates and translates complex concepts into tactical action plans. Directs high-level enterprise architecture analysis, evaluation, design, integration, documentation, and development. Has a deep understanding of DoD business transformation and processes, DoD organizational structure, experience in developing briefings and responses to GAO, OMB, and executives within the department, and coordinated and developed BEA Compliance Guidance criteria and various BEA evolution strategies. Possesses extensive knowledge of the DoDAF, the DoD Net-Centric and Data Strategies, the DoD Information Assurance Guidance, and the DoD Federation Strategy, and has had handson experience with the Business Enterprise Architecture and Enterprise Transition Plan, Service Oriented Architecture, and the Business Mission Area Federation Strategy and Roadmap. **Minimum Education:** Advanced degree or FEAC or equivalent certification.
SR Governance Architect	**Functional Responsibility & Experience:** Expertise and expertise in SOA, business process reengineering, and DoD acquisition processes/procedures. Ability to develop lifecycle management models for the acquisition, governance, and implementation of a SOA. Functional Responsibility: Develop lifecycle management models for the acquisition, governance, and implementation of a SOA. **Minimum Education:** Bachelor of Science in Business, Computer science, engineering or related field.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Senior IT Systems Solutions Architect	**Functional Responsibility & Experience:** Participates in the design, creation, and maintenance of computerized databases. Responsible for the quality control and auditing of Telelogic System Architect (SA) 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 SA programming personnel to resolve system performance issues. Responsible for the installation, maintenance, configuration, and integrity of SA. 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 the BEA SA repository and its internal structure, Visual Basic, SA macros, Windows XT server, SQL server, and DoDAF modeling methodology. Has a deep understanding of BTA business transformation and enterprise architecture's role in it, the BTA organizational structure, and experience in coordinating delivery and publishing of the BEA. **Minimum Education:** Advanced degree or FEAC or equivalent certification.
Senior Service Oriented Architect	**Functional Responsibility & Experience:** Expertise in Service Oriented Architecture (SOA) and the tools and architecture designs applicable to the implementation of SOA on a large scale. Knowledge and expertise in presentation, data services, and security layers. Experience with the design and implementation of ESBs in a federated environment. The Services Oriented Architect will have knowledge and skills in the service oriented architecture design and implementation of business software application and infrastructure. The Services Oriented Architect will incorporate centralized and disciplined enforcement of industry standards, assembly of reusable autonomous business functions (also called "services"), and develop solutions for loosely coupled connections between services. Services Oriented Architect possesses fundamental knowledge and understanding of commercially available vendor solutions. The Services Oriented Architect will have knowledge and expertise in the following disciplines: Enterprise Architecture integration, business and technical services, SOA governance standards, policies, and metrics, and XML Data Strategy. The Services Oriented Architect should have knowledge and expertise in Web services, SAML, BPEL, .Net, UDDI, WSDL, SOAP, ESB, C#, C++, UML, XML, XSD, XSLT, and others that may be required to implement the defined solution set for the customer. It is not necessary for the Services Oriented Architect to be skilled in every tool listed but he/she must be cognizant of the tools available for use in developing and deploying the solution. Functional Responsibility: Team management, coordination, research and documentation analysis, presentation of analysis results in written form along with presentation skills. **Minimum Education:** Bachelor of Science in Engineering, Business, or computer science or other related degree. At least 5 Years, experience may be substituted for Degree requirements at 1 year experience for 6 months of school.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
SOA Data Services Layer Data Architect	**Functional Responsibility & Experience:** Five years of experience in data architecture or data modeling methodologies specific to Services Oriented Architecture. Comprehensive understanding of data management tools, SQL databases, query optimization, integration, data registries and SOA concepts with products such as Composite and Meta Matrix. Functional Responsibility: Performs analysis and evaluation of existing or proposed processes, applications, systems, or software involving data policies, data architectures and data services. Understands business requirements and translates them into technical designs. Performs complex integration of disparate systems. Investigates and documents data and data quality in existing systems. Designs and implements data service layers to enable trusted access of data using flexible and open technologies. All Composite Professional Services engineers are skilled in data architecting. **Minimum Education:** Bachelor's degree in Computer Science, Engineering, or a related field.
Data Architect	**Functional Responsibility & Experience:** Works in a SOA Center of Excellence data warehouse environment that includes data design, database architecture, metadata and repository creation. Translates business needs into long-term architecture solutions. Defines, designs, and builds dimensional databases. Responsible for developing data warehousing blueprints, evaluating hardware and software platforms, and integrating systems. Evaluates reusability of current data for additional analyses. Conducts data cleaning to rid the system of old, unused, or duplicate data. Reviews object and data models and the metadata repository to structure the data for better management and quicker access. **Minimum Education:** Bachelor's degree in Computer Science, Engineering, or a related field.
Enterprise Architect I	**Functional Responsibility & Experience:** Provides analysis and systems engineering, data architecture expertise, and operational domain knowledge; understanding of the broad range of ISR and intelligence systems, capabilities, and data flows; and systems engineering and operational development support to agencies. Provides Alignment of IT strategy and planning with company's business goals. Optimization of information management approaches through an understanding of evolving business needs and technology capabilities. Provides Long-term strategic responsibility for the organization's IT systems. Promotes shared infrastructure and applications to reduce costs and improve information flows. Ensures that projects do not duplicate functionality or diverge from each other and business and IT strategies. Works with Solution Architects to provide a consensus based enterprise solution that is scalable, adaptable and in sync with ever changing business needs. Manages the risks associated with information and IT assets through appropriate standards and security policies. Provides direct or indirect involvement in the development of policies, standards and guidelines that direct the selection, development, implementation and use of Information Technology within the enterprise. Builds employee knowledge and skills in specific areas of expertise. **Experience:** 2 years of experience. **Minimum Education:** Bachelor's Degree (or equivalent experience) in systems engineering, project management, or related technical or managerial field.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Enterprise Architect II	**Functional Responsibility & Experience:** Provides enterprise systems engineering leadership, data architecture expertise, and operational domain knowledge; understanding of the broad range of ISR and intelligence systems, capabilities, and data flows; and systems engineering and operational development support to agencies and their broader enterprises. Provides enterprise systems engineering leadership for the government, as well as operational domain knowledge, understanding of the broad range of decision support, telecommunications, and intelligence systems, capabilities and data flows to impact systems engineering and operational transformation of federal, state, and local Information Infrastructure capabilities. Provides enterprise-level, data systems engineering supporting two-way National-to-tactical data exchanges, creating strategic partnerships among and between agencies on Information Management and data connectivity to the "Edge." Develop architectures for agile and scalable data management support solutions to and from remote units/commands/organizations. **Experience:** 3 years of experience. **Minimum Education:** Bachelor's Degree (or equivalent experience) in systems engineering, project management, or related technical or managerial field.
Enterprise Architect III	**Functional Responsibility & Experience:** Certified by the FEAC institute, provides leadership and subject matter expertise to build a holistic view of an organization's strategy, processes, information, and information technology assets. The Enterprise Architect applies broad domain knowledge to ensure that the business and IT are in alignment. The enterprise architect links the business mission, strategy, and processes of an organization to its IT strategy, and documents this using multiple architectural models or views that show how the current and future needs of an organization will be met in an efficient, sustainable, agile, and adaptable manner. Operates across organizational and computing "silos" to drive common approaches and expose information assets and processes across the enterprise. Responsible for ensuring the delivery of an architecture that supports the most efficient and secure IT environment meeting a company's business needs. **Experience:** DoDAF, FEA, Zachman, and other architectures with over 3 years of experience. **Minimum Education:** Master's degree (or equivalent experience) in systems engineering, project management, or related management field.
Software Programmer / Engineer I	**Functional Responsibility & Experience:** The position performs application development with current technologies including, but not limited to, Visual Basic, Visual C++, Oracle, World Wide Web, and PowerBuilder. Performs complete code generation from CASE tools and migration of data and platforms from legacy systems. **Experience:** A minimum of six months to two years of progressive data processing and application development experience in the design and development of systems and components. **Minimum Education:** Bachelor's degree (or equivalent) in a related engineering, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Software Programmer / Engineer II	**Functional Responsibility & Experience:** The position performs system-wide analysis with respect to software development, hardware requirements, and application maintainability and availability. Oversees the production of code and systems developed by junior computer programmers. Performs application development with current technologies including, but not limited to, Visual Basic, Visual C++, Oracle, World Wide Web, and PowerBuilder. Performs complete code generation from CASE tools and migration of data and platforms from legacy systems. **Experience:** Requires a minimum of two to five years of progressive data processing and application development experience in the design and development of systems and components and 2 years of experience in supervising application design and development. **Minimum Education:** Bachelor's degree in a related engineering, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.
Software Programmer / Engineer III	**Functional Responsibility & Experience:** The position directs and performs systemwide analysis with respect to software development, hardware requirements, and application maintainability and availability. Oversees the production of code and systems developed by junior computer programmers. Performs application development with current technologies including, but not limited to, Visual Basic, Visual C++, Oracle, World Wide Web, and PowerBuilder. Performs complete code generation from CASE tools and migration of data and platforms from legacy systems. **Experience:** Requires a minimum of five to ten years of progressive data processing and application development experience in the design and development of systems and components and two years of experience in supervising application design and development. **Minimum Education:** Bachelor's degree in a related engineering, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.
Software Programmer / Engineer IV	**Functional Responsibility & Experience:** Over ten years of experience in software/data architecture methodologies, SOA concepts, and tools that support enterprise wide data convergence. Experience with products such as Composite and Meta Matrix. Functional Responsibility: Provides thought leadership and strategic level consultation regarding Service Oriented Architecture, specifically in the Data Services Layer. Defines a technology strategy to leverage SOA as applicable to a customer's specific environment and business needs. Defines a strategy for a customer to evolve their current information systems into a data services fabric that facilitates access to data across the enterprise. Consults to customers who need strategic level guidance on the benefits of SOA focusing on practical applications within a customer enterprise and articulates the value of SOA and data integration as it applies to a customer's specific use. **Minimum Education:** Bachelor's degree in Computer Science, Engineering, or a related field.
Database Administrator	**Functional Responsibility & Experience:** The individual provides technical expertise in the use, development, and administration of databases. Evaluates and recommends databases and related products to support validated user requirements. **Experience:** Requires two to five years of experience in one or more database platforms. **Minimum Education:** Bachelor's degree in a related engineering, business, information systems, computer science, physical science, professional or technical field, or other related scientific or technical discipline or equivalent experience.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Data Analyst I	**Functional Responsibility & Experience**: The position designs and conducts investigations and special studies. Performs analysis on program level information including, but not limited to, budgets, technologies, program representation, and other data driven issues. Recommends corrective actions to improve cost and schedule performance and responds to changing program developments. Works under minimal supervision. **Experience:** Requires one year of relevant work experience, plus the capability to understand technical, financial, and/or policy issues confronting the project**. Minimum Education:** Bachelor's degree (or equivalent experience) in a related, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.
Data Analyst II	**Functional Responsibility & Experience:** The position designs and conducts investigations and special studies. Performs analysis on program level information including, but not limited to, budgets, technologies, program representation, and other data driven issues. Recommends corrective actions to improve cost and schedule performance and responds to changing program developments. Works under minimal supervision. **Experience:** Requires two years relevant work experience, plus the capability to understand technical, financial, and/or policy issues confronting the project. **Minimum Education:** Bachelor's degree (or equivalent experience) in a related, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.
Data Analyst III	**Functional Responsibility & Experience:** The position designs and conducts investigations and special studies. Performs analysis on program level information including, but not limited to, budgets, technologies, program representation, and other data driven issues. Recommends corrective actions to improve cost and schedule performance and responds to changing program developments. Works under minimal supervision**. Experience:** Requires five years relevant work experience, plus the capability to understand technical, financial, complex business and/or policy issues confronting the project. **Minimum Education:** Bachelor's degree (or equivalent experience) in a related, business, information systems, computer science, physical science, professional or technical field, or relevant technical certification from an accredited technical school.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Subject Matter Expert	**Functional Responsibility & Experience:** The Subject Matter Expert serves as the expert and technical authority in area of expertise and provides consultative support to senior management, senior Government officials and/or corporate customers. Regularly applies extensive and diversified knowledge and experience of highly advanced technologies, scientific principles and theories contributing to the development of new processes, methods and concepts. Provides high-level subject matter expertise for work described in the program or task. Provides advanced technical knowledge and analysis of highly specialized applications and operational environment, high-level functional systems analysis, design, integration, documentation, training, and/or implementation advice on complex problems which require a high level knowledge of the subject matter for effective implementation. From computer systems standpoint, participates as needed in all phases of software and hardware development with emphasis on the planning, analysis, testing, integration, documentation, training, and presentation phases. From a business process standpoint, provides technical advice, guidance and direction for the improvement, modification, and re-engineering of business processes, policies and procedures for any functional area under consideration or review. Applies principles, methods, and knowledge of specific functional areas of expertise to specific task order or program and is able to work independently at the highest level. **Experience:** Requires five or more years of experience in technical, complex business, financial, and/or policy issues. **Minimum Education:** Depending on experience, a Bachelor's degree or Master's degree in a related information systems, computer science, physical science, professional or technical field related to the client's requirements (or equivalent experience.)
Engineer I	**Functional Responsibility & Experience:** Provides technical services and guidance related to systems engineering projects. Engineering support for systems design to process engineering and modeling. Supports engineering related aspects of systems engineering projects and programs throughout the entire lifecycle to include design, development, and technical project management. Reviews engineering analyses related to systems and automation involving environmental, mechanical, civil, energy, electrical, chemical, and related programs. Other areas of support may include preliminary design, load and model formulation and calculations, life cycle cost, and equipment selection. Supports design efforts and surveys to gather technical data. Interprets electronic blueprints (CAD and AutoCAD), schematic drawings, layouts and other visual aids. Reviews proposed changes to engineering standards, policies, or details. Reviews development plans for compliance with adopted engineering standards and good engineering practices. **Experience:** Requires one to two years of specialized functional experience and two years of generalized experience. **Education:** Requires Bachelor's degree (or equivalent experience) in a related engineering or computer science discipline. Has demonstrated experience in cost estimating and engineering economics.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Engineer II	**Functional Responsibility & Experience:** Provides technical services and guidance related to systems engineering projects. Engineering support encompasses everything from systems design to process engineering and modeling. Responsible for engineering related aspects of systems engineering projects and programs throughout the entire lifecycle to include design, development, and technical project management. Prepares engineering analyses related to systems and automation involving environmental, mechanical, civil, energy, electrical, chemical, and related programs. Other areas of support may include preliminary design, load and model formulation and calculations, life cycle cost, and equipment selection. Designs and conducts surveys to gather technical data. Prepares and interprets electronic blueprints (CAD and AutoCAD), schematic drawings, layouts and other visual aids. Manages project issues, budgets, and schedules. Reviews and critiques proposed changes to engineering standards, policies, or details. Reviews development plans for compliance with adopted engineering standards and good engineering practices. **Experience:** Requires four years of specialized functional experience and three years of generalized experience. **Education:** Requires Bachelor's degree (or equivalent experience) in a related engineering or computer science discipline. Has demonstrated experience in cost estimating and engineering economics.
Engineer III	**Functional Responsibility & Experience:** Provides technical services and guidance related to systems engineering projects. Engineering support encompasses everything from systems design to process engineering and modeling. Responsible for engineering related aspects of systems engineering projects and programs throughout the entire lifecycle to include design, development, and project completion. Prepares engineering analyses related to systems and automation involving environmental, mechanical, civil, energy, electrical, chemical, and related programs. Other areas of support may include preliminary design, load and model formulation and calculations, life cycle cost, and equipment selection. Conducts surveys to gather data. Manages project issues, budgets, and schedules and oversees the work assignments of Engineers I and II. Reviews and critiques proposed changes to engineering standards, policies, or details. Reviews development plans for compliance with adopted engineering standards and good engineering practices. **Experience:** Requires more than five years of specialized functional experience and three years of generalized experience. **Education:** Requires Master's degree (or equivalent experience) in a related engineering or computer science discipline. May have additional professional or technical credentials. Has demonstrated experience in cost estimating and engineering economics.
Technical Writer / Editor	**Functional Responsibility & Experience:** The position writes and supervises all documentation activities. Assigns work to technical writing and/or support personnel and directs their activities; reviews, edits and evaluates written materials, and prepares performance reports. **Experience:** Requires two to three years of experience. **Minimum Education:** Technical Writer/Editor shall have Bachelor's degree (or equivalent experience) involving communications skills or a technical discipline.

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Identity Management / Senior Systems Security Engineer	**Functional Responsibility & Experience:** Over seven years of experience in information systems engineering with a demonstration of increasing responsibilities within this technical field with five or more years specialized experience engineering large, complex systems or networks. Experience with LANs, WANs, VPNs, routers, firewalls, network protocols, and other security and network operations and monitoring, vulnerability analysis, PKI, data encryption, key management, data warehousing, and data mining capabilities. Demonstrated experience in analytical problem solving of work flows, organization and planning. Demonstrated experience with IA products and systems. Functional Responsibility: Performs a variety of complex project tasks applied to specialized technology problems. Tasks involve integration of electronic processes or methodologies to resolve total system problems or technology problems. Applies analytical and systematic approaches in the resolution of problems of work flow, organization, and planning and directs and assists system engineers in the application of system engineering principles to the solution of secure systems design problems. Expert knowledge of LANs, WANs, VPNs, routers, firewalls, network protocols, and other security and network operations and monitoring, vulnerability analysis, PKI, data encryption, key management, data warehousing, and data mining capabilities. **Minimum Education:** A Master's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

**APPENDIX B: SIN ANCILLARY – ANCILLARY SERVICES LABOR
CATEGORY DESCRIPTIONS
TO SUPPORT SIN 54151S - IT PROFESSIONAL SERVICES**

JOB TITLE	POSITION DESCRIPTION, EXPERIENCE & EDUCATION
Budget Analyst I	**Functional Responsibility & Experience:** The Budget Analyst I supports development, testing, and validation of budgeting software to insure that the data for reviews of budgets and consolidation of departmental budgets into operating and capital budget summaries is designed and developed to produce accurate information. Budget Analysts provide technical consulting support and analysis for ongoing budget plans and programs with respect to delivering timely, quality information derived from software products. They devise possible alternatives if the projected results are unsatisfactory. Budget Analysts are experienced with spreadsheet, database, and word-processing software. **Experience:** Requires one year of relevant work experience, plus the capability to understand technical, financial, and/or policy issues confronting the project. **Education:** Bachelor's degree (or equivalent experience) in a related, business, information systems, computer science, professional or technical field, or relevant technical certification from an accredited technical school.
Budget Analyst II	**Functional Responsibility & Experience:** The Budget Analyst II supports the software design, development, testing, and validation of budgeting software to insure that the data for reviews of budgets and consolidation of departmental budgets into operating and capital budget summaries is designed and developed to produce accurate information. Budget Analysts provide technical consulting support and analysis for ongoing budget plans and programs with respect to delivering timely, quality information derived from software products. Budget Analysts provide support and analysis for the proposed testing plans and devise possible alternatives if the projected results are unsatisfactory. Budget Analysts are experienced with developing program requirements, testing procedures, spreadsheet, database, and word-processing software. Works under minimal supervision. **Experience:** Requires two years of relevant work experience, plus the capability to understand technical, financial, and/or policy issues confronting the project. **Education:** Bachelor's degree (or equivalent experience) in a related, business, information systems, computer science, professional or technical field, or relevant technical certification from an accredited technical school.
Budget Analyst III	**Functional Responsibility & Experience:** Budget Analysts III II work with end users to gather requirements for the software design and develop and execute test plans to ensure that the budgeting software that collects and manages the data and prepares reports for review of budgets and consolidation of departmental budgets into operating and capital budget summaries functions according to design. Budget Analysts provide support and analysis for the proposed testing plans and devise possible alternatives if the projected results are unsatisfactory. Budget Analysts provide technical consulting support and analysis for ongoing budget plans and programs with respect to delivering timely, quality information derived from software products. Budget Analysts are experienced with developing program requirements, testing procedures, spreadsheet, database, and word-processing software. Works under minimal supervision and works independently, overseeing assignments and quality of work for Budget Analysts I and II. **Experience:** Requires over three years of relevant work experience, plus the capability to understand technical, financial, and/or policy issues confronting the project. **Education:** Bachelor's degree (or equivalent experience) in a related, business, information systems, computer science, professional or technical field, or relevant technical certification from an accredited technical school.
JOB TITLE	**POSITION DESCRIPTION, EXPERIENCE & EDUCATION**

Budget Specialist	**Functional Responsibility & Experience:** Budget Specialists set the direction for system and program requirements as well as test planning for budget reviews. They have experience and expertise consolidating departmental budgets into operating and capital budget summaries. Budget Specialists develop and validate system requirements in addition to providing support and analysis for budget programs and provide budget policy support and guidance related to systems support for senior managers and executives. Throughout the year, Budget Specialists monitor the budget system products by reviewing reports and accounting records to alignment with agency policy and budgetary goals. Before new programs begin or existing programs are changed, the Budget Specialist must assess the program's efficiency and effectiveness. Budget Specialists support long-range financial planning. Budget Specialists provide software engineering lifecycle support including requirements development, validation and verification, test development and management, etc. They have expertise in various spreadsheet, database, and word-processing software and work independently. They are also supervisors for Budget Analysts I, II and III, managing assignments, workload, and quality of work. **Experience:** Requires over five years of relevant work experience, plus the capability to understand technical, financial, and/or policy issues confronting the project. **Education:** Depending on experience, a Bachelor's degree or Master's degree in a related, business, information systems, computer science, professional or technical field, or relevant technical certification from an accredited technical school.

APPENDIX C: DEGREE/EXPERIENCE EQUIVALENCIES

ALLOWABLE SUBSTITUTIONS FOR EDUCATION, CERTIFICATIONS AND/OR EXPERIENCE

The first table in this appendix indicates the allowable substitutions of education, technical certification and/or experience which may be used to allow a specific individual to meet the job description requirements for experience and education. The use of this table of substitutions permits a determination that the minimum education and experience will be met when the equivalencies in the tables below are considered.

Additional education in excess of requirements can be substituted for experience requirement.

Required Education Or Certification	Actual Education Or Certification Obtained	Additional Years of Experience Credited to Employee
MA/MS	Ph.D.	4
BA/BS	Ph.D.	6
BA/BS	MA/MS	2
AA/Tech Institute Degree	2 Years College	2
HS/GED	BA/BS	4
CNE, CNA	BS in Computer Science	2
MCSE, MPS, MCD	BS in Computer Science	2
UNIX Certification	BS in Computer Science	2
CNE, CNA	Equivalent Certifications	2
MCSE, MPS, MCD	Equivalent Certifications	2
UNIX Certification	Equivalent Certifications	2
Engineer in Training	BS in Engineering	2
Professional Engineer	BS in Engineering	N/A

The table below indicates the allowable substitutions of experience for education and/or technical certification which may be used to allow a specific individual to meet the job description requirements for experience and/or education. The use of this table of substitutions permits a determination that the minimum education and experience will be met when the equivalencies in the tables below are considered.

Additional experience in excess of requirements may be substituted for educational requirements.

Actual Education Or Certification	Required Education Or Certification	Additional Years of Experience Needed For Educational Requirements Equivalency
HS/GED	BA/BS	4
HS/GED	MA/MS	6
HS/GED	Ph.D.	No equivalency
BA/BS	MA/MS	2
BA/BS	Ph.D.	No equivalency
MA/MS	Ph.D.	4
HS/GED	AA/Tech Institute Degree	2
BS in Computer Science	CNE, CNA	1
BS in Computer Science	MCSE, MPS, MCD	1
BS in Computer Science	UNIX Certification	1
CNE, CNA Coursework	CNE, CNA	3
MCSE, MPS, MCD Coursework	MCSE, MPS, MCD	3
UNIX Courses	UNIX Certification	3
BS in Engineering	Engineer In Training	2
BS in Engineering	Professional Engineer	No equivalency

APPENDIX D: LABOR RATES FOR SIN 54151S

CLIN	Labor Category	GSA Rate
1	Project / Program Manager I	177.10
2	Project / Program Manager II	248.85
3	Systems Engineer I	189.10
4	Systems Engineer II	234.72
5	Network Engineer I	138.03
6	Network Engineer II	171.71
7	Information Assurance Specialist	229.25
8	Chief Enterprise Architect	285.76
9	SR Governance Architect	273.80
10	Senior IT Systems Solutions Architect	229.29
11	Senior Service Oriented Architect	221.60
12	SOA Data Services Layer Data Architect	258.61
13	Data Architect	161.90
14	Enterprise Architect I	149.93
15	Enterprise Architect II	182.52
16	Enterprise Architect III	216.17
17	Software Engineer I	125.00
18	Software Engineer II	164.08
19	Software Engineer III	195.56
20	Software Engineer IV	255.34
21	Database Administrator	177.10
22	Data Analyst I	110.86
23	Data Analyst II	138.03
24	Data Analyst III	164.08
25	Subject Matter Expert	229.25
26	Engineer I	98.86
27	Engineer II	138.03
28	Engineer III	182.52
29	Tech Writer	125.00
30	Identity Management / Senior Systems Security Engineer	255.34

APPENDIX E: LABOR RATES FOR SIN ANCILLARY

CLIN	Labor Category	GSA Rate
1	Budget Analyst I	92.39
2	Budget Analyst II	131.46
3	Budget Analyst III	164.08
4	Budget Specialist	229.25