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 for GSA Advantage® is: GSAAdvantage.gov.

Multiple Award Schedule

SIN 54151S: Information Technology Professional Services
SIN OLM: Order-Level Materials (OLM)

Contract Number GS-35F-188DA

For more information on ordering from Federal Supply Schedules go to the GSA Schedules page at GSA.gov.

CONTRACT PERIOD: February 16, 2021 - February 15, 2026

SMS Data Products Group, Inc.
1751 Pinnacle Drive, Suite 1200
McLean, VA 22102-3881
1-800-331-1767 or 703-288-8100; Fax: 703-356-6151
www.sms.com

Large Business
Customer Information:

1a. Awarded Special Item Number(s):

<table>
<thead>
<tr>
<th>SIN</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>54151S</td>
<td>Information Technology Services</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: Not applicable. Prices are shown on page 14.

1c. Descriptions of all corresponding commercial job titles with experience, function responsibility and education are provided beginning on page 3.

2. Maximum order: $500,000.

NOTE TO ORDERING ACTIVITIES: If the best value selection places your order over the Maximum Order identified in this catalog/pricelist, you have an opportunity to obtain a better schedule contract price. Before placing your order, contact the aforementioned contactor for a better price. The contractor may (1) offer a new price for this requirement (2) offer the lowest price available under this contract or (3) decline the order. A delivery order that exceeds the maximum order may be placed under the schedule contract in accordance with FAR 8.404.

3. Minimum order: $100.


5. Point of Production: 1751 Pinnacle Drive, Suite 1200, McLean, VA 22102-3881.

6. Prices Shown Herein are Net (basic discount deducted). Prices are listed on Page 14.

7. Quantity Discount: SMS offers a dollar volume discount of 1% on a single transaction that is $1 million or more. Single transaction means an order or modification to an order. It does not mean orders that reach $1 million and above due to modifications to the initial order.

8. Prompt Payment Terms: None. Payment terms are NET 30.

9. Foreign Items: None.

10a. Time of Delivery: The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

<table>
<thead>
<tr>
<th>SPECIAL ITEM NUMBER</th>
<th>DELIVERY TIME (Days ARO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>54151S Multiple Award Schedule</td>
<td>To Be Determined at the Time of Award</td>
</tr>
</tbody>
</table>

10b. Expedited Delivery: Consult with Contractor.

10c. Overnight and 2-day Delivery: Consult with Contractor.

10d. 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.

11. FOB Point: Destination.

12a. Ordering Address:
SMS Data Products Group, Inc.
1751 Pinnacle Drive, Suite 1200
McLean, VA 22102-3881
Email: bfriedman@sms.com

12b. Ordering Procedures: Ordering activities shall use the ordering procedures described in Federal Acquisition Regulation 8.405-3 when placing an order or establishing a BPA for supplies or services. The ordering procedures and information can be found at https://www.gsa.gov/buying-selling/purchasing-programs/gsa-schedule.

13. Payment Address:
SMS Data Products Group, Inc.
1751 Pinnacle Drive, Suite 1200
McLean, VA 22102-3881
Email: ap@sms.com


15. Export Packing Charges: Not applicable.

16. Terms and Conditions of rental, maintenance, and repair: Not applicable.

17. Terms and Conditions of installation: Not applicable.

18a. Terms and Conditions of repair parts indicating date of parts price lists and any discounts from list prices: Not applicable.

18b. Terms and Conditions of any other service parts: Not applicable.

19. List of Service and Distribution Points: Not applicable.

20. List of Participating Dealers: Not applicable.


22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): Not applicable.

22b. Section 508 compliance information is available by contacting SMS directly.

23. DUNS: 095350484.

24. SMS is registered in the System for Award Management (SAM) Database.
1. **DESCRIPTION OF SERVICES**

A description of the services offered is set forth below. Resumes shall be provided to the GSA Contracting Officer or user Agency upon request. In each of the descriptions set forth below, where qualifications permit the substitution of equivalent experience for education or education for equivalent experience, SMS will apply the following minimum standards:

Each year of education is equivalent to one year of experience.

   a. **SENIOR NETWORK SYSTEMS ENGINEER - (OTHV000224)**

   **Minimum/General Experience:** Five (5) years.

   **Functional Responsibility:** Participates in engineering projects and network implementations involving the extension and application of highly advanced engineering and networking principles and concepts. Capable of networking design implementation. Performs work that may include a variety of complex features and requires multi- or interdisciplinary approaches. Conducts advanced and state-of-the-art assignments under general supervision. Provides technical information for, and final technical editing of, all documents and proposals. Provides diagnosis of, and resolution for, complex networking and engineering problems.

   **Minimum Education:** Bachelors degree or equivalent experience.

   b. **PROJECT ENGINEER SENIOR - (009G)**

   **Minimum/General Experience:** Fourteen (14) years.

   **Functional Responsibility:** Under general direction, has duties of instructing, directing, and checking the work of other project engineers. Responsible for the completion of assigned engineering projects within budgetary and scheduling guidelines. Leads a group of engineers, analysts, and/or technicians assigned for the duration of a project or may function as ongoing lead within a group of engineers associated with one or more technical areas within the telecom function (such as, but not limited to, network design, engineering, implementation, or operations/user support). Does not have formal supervisory responsibilities, although may provide input for (project) team member performance appraisals.

   **Minimum Education:** Bachelors degree or equivalent experience.

   c. **PROJECT ENGINEER INTERMEDIATE - (010G)**

   **Minimum/General Experience:** Five (5) years.

   **Functional Responsibility:** Under general supervision, has duties of instructing, directing, and checking the work of other project engineers. Responsible for the completion of assigned engineering projects within budgetary and scheduling guidelines. Leads a group of engineers, analysts, and/or technicians assigned for the duration of a project or may function as ongoing lead within a group of engineers associated with one or more technical areas within the telecom function (such as, but not limited to, network design, engineering, implementation, or operations/user support). Does not have formal supervisory responsibilities, although may provide input for (project) team member performance appraisals.

   **Minimum Education:** Bachelors degree or equivalent experience.

   d. **SYSTEMS ENGINEER INTERMEDIATE - (018G)**

   **Minimum/General Experience:** Fourteen (14) years.

   **Functional Responsibility:** Under general supervision, performs high-level systems analysis, evaluation, design,
integration, documentation, and implementation of very complex application that require a thorough knowledge of administrative and technical skills. Directs and participates in all phases of system development with emphasis on planning, analysis, evaluation, integration, testing and acceptance phases (IV&V and DT&E). Applies higher-level business or technical principles and methods to very difficult technical problems to arrive at automated engineering solution.

**Minimum Education:** Bachelors degree or equivalent experience.

e. **IT CERTIFIED PROFESSIONAL - SENIOR - (032G)**

**Minimum/General Experience:** Nine (9) years.

**Functional Responsibility:** Under general direction, responsible for the most complex testing and analysis of all elements of the network facilities including: power, software, communications devices, lines, modems and terminals. Monitors and controls the performance and status of the network resources. May function in a lead capacity within the department. Provides guidance and direction for less experienced personnel.

**Minimum Education:** Bachelors degree or equivalent experience.

f. **SR IT SYSTEMS SOLUTION ARCHITECT - (107G)**

**Minimum/General Experience:** Nine (9) years.

**Functional Responsibility:** 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:** Bachelors degree or equivalent experience.

g. **SYSTEMS ENGINEER - (SERRRSE02)**

**Minimum/General Experience:** Six (6) years.

**Functional Responsibility:** Acts as a lead engineer in the area of telecommunications engineering and implementation. Provides technical expertise and support in one or more emerging technology areas including, but not limited to, knowledge wireless communications, Internet technologies, secure messaging, IP telephony, unified messaging, enterprise engineering, fraud detection, intrusion detection, information assurance, public key infrastructure (PKI), critical infrastructure protection, and installation or maintenance of PBX equipment.

**Minimum Education:** Bachelors degree or equivalent experience.

h. **PROGRAM MANAGER - (OTHV000176)**

**Minimum/General Experience:** Ten (10) years.
Functional Responsibility: Overall responsibility for company performance on specific programs or projects. Functions as the leader, manager, and coordinator of all contributing disciplines and resources in the completion of projects or management of the program. Engage in: assigning tasks; establishing and maintaining task schedules; maintaining liaison between appropriate engineering personnel and the customer to ensure effective coordination of all projects or program efforts; preparing and adhering to project cost and staffing plans; preparing plans, proposals, and briefings. Also provide management of contract negotiations and company representation with customers and subcontractors as required.

Minimum Education: Bachelors degree or equivalent experience.

i. SPECIAL APPLICATIONS SYSTEMS ENGINEER - (OTHV000228)

Minimum/General Experience: Six (6) years.

Functional Responsibility: Install system hardware, maintenance and administration terminals, modems and any associated PC ancillary equipment. Connect all equipment requiring power to power source provided. Run cables to main distributing frame or cross-connect field. Connect modems for remote access by offsite engineers. Assemble and install specially designed furniture as required to support the application, including but not limited to other adjunct devices such as remote recorders, telephone jacks, hand/headsets, clocks, special button strips, radio circuit interface equipment, etc. Perform system translations and administrative tasks, coordinating with customers or responsible project managers. Test and troubleshoot using remote engineering support, product developers and designers prior to cutover to ensure equipment and design integrity. Provide support during cutovers. Perform software and hardware upgrades.

Minimum Education: Bachelors degree or equivalent experience.

j. SUBJECT MATTER SPECIALIST - (OTHV000438)

Minimum/General Experience: Ten (10) years.

Functional Responsibility: Recognized at the industry level in a technical field or specialized engineering or technology area and is proficient in relevant engineering principles and practices. Applies experience, skills, and expert knowledge within an engineering discipline to complex assignments. Generates unique concepts as evidenced by synthesis of new products or processes. Creates or uses engineering/scientific tools to solve technical problems. Utilizes and develops tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Provides leadership for engineering activities in a specialized engineering or technology subject area. Serves as a major contributor to technical planning process and for providing technical management and guidance.

Minimum Education: Masters degree or equivalent experience.

k. CALL CENTER ANALYST TIER II - (LCAT24)

Minimum/General Experience: Five (5) years.

Functional Responsibility: Tier II personnel are mid-level experts who are thoroughly knowledgeable in their respective areas of expertise and also possess a limited degree of knowledge and experience in areas that intersect with their areas of expertise (e.g. Tier II server personnel understands the impact of desktops and access layer switched on the servers).

Minimum Education: High school or equivalent experience.

l. SENIOR CABLE ENGINEER - (SERCAENGSR0)

Minimum/General Experience: Five (5) years.
**Functional Responsibility:** Acts as lead engineer in passive engineering projects and network implementations involving the extension and application of highly advanced engineering and networking principals and concepts. Capable of passive networking design implementation. Performs work that may include a variety of complex features and requires multi- or interdisciplinary approaches. Conducts advanced and state-of-the-art assignments under general supervision. Provides technical information for, and final technical editing of, all documents and proposals. Provides diagnosis of and resolutions for, complex passive networking and engineering problems.

**Minimum Education:** Bachelors degree or equivalent experience.

**m. CABLE TECH - INTERMEDIATE - (SERCABTCINT01)**

**Minimum/General Experience:** Two (2) years.

**Functional Responsibility:** Independently performs passive engineering tasks of an advanced nature but of limited scope, involving conventional and established procedures with minimal technical or administrative supervision. Participates in passive engineering projects and network implementations involving the extension and application of advanced engineering and networking principles and concepts. Capable of passive networking design implementation. Performs work that may include a variety of complex features and requires multi or interdisciplinary approaches. Conducts advanced and state-of-the-art assignments under general supervision. Provides technical information for, and final technical editing of, all documents and proposals. Provides diagnosis of, and resolution for, networking and engineering problems.

**Minimum Education:** High school or equivalent experience.

**n. SENIOR CABLE TECHNICIAN - (SERCABTCSR01)**

**Minimum/General Experience:** Five (5) years.

**Functional Responsibility:** Independently performs passive engineering tasks of an advanced nature but of limited scope, involving conventional and established procedures with minimal technical or administrative supervision. Participates in passive engineering projects and network implementations involving the extension and application of advanced engineering and networking principles and concepts. Capable of passive networking design implementation. Performs work that may include a variety of complex features and requires multi or interdisciplinary approaches. Conducts advanced and state-of-the-art assignments under general supervision. Provides technical information for, and final technical editing of, all documents and proposals. Provides diagnosis of, and resolution for, networking and engineering problems.

**Minimum Education:** High school or equivalent experience.

**o. INFORMATION ASSURANCE ENG STF - (SERIAES01)**

**Minimum/General Experience:** Nine (9) years.

**Functional Responsibility:** Provides security engineering designs and implementation in all aspects of Information Assurance and Information Security (InfoSec) Engineering. Assesses and mitigates system security threats/risks throughout the program life cycle; validates system security requirements definition and analysis; establishes system security designs; implements security designs in hardware, software, data, and procedures; verifies security requirements; performs system certification and accreditation planning and testing and liaison activities, and supports secure systems operations and maintenance.

**Minimum Education:** Bachelors degree or equivalent experience.

**p. JR COMPUTER SECURITY SPECIALIST - (SERJRSC01)**

**Minimum/General Experience:** Zero to Five (0-5) years.
Functional Responsibility: At direction can research DOD and NIST IA related documentation. Certifications: must have MCSE, CISSP, CAP or SANS GIAC or within 6 months can obtain. Can assist with Certification and Accreditation, Risk assessment and IT auditing. Can assist with Computer Forensics, Intrusion detection, incident response, penetration testing. Has 0 to 5 years of work experience in IA technology or a related field. Microsoft Windows Server and UNIX/Linux usage. Can use IT assessment tools; Knowledge of network security architectures. Knowledge of purpose and usage of Firewall, VPN, router, switch, wireless. Knowledge of AV, patch management. Knowledge of domain, IIS, SQL, web, client/server services. Verbal, interpersonal and written communication skills; Team player.

Minimum Education: IA/IT security certification or computer related scientific or technical discipline.

q. MID COMPUTER SECURITY SPECIALIST - (SERMDSC01)

Minimum/General Experience: Three (3) years.

Functional Responsibility: Capable of researching and applying DOD and NIST IA related documentation. Certifications: must have MCSE, CISSP, CAP or SANS GIAC or within 6 months can obtain. Computer Forensics, Intrusion detection, incident response, penetration testing. Has at least 3 years work experience in IA technology or a related field. Microsoft Windows Server and UNIX/Linux administration. Use and analyze IT assessment tools. Knowledge and capable of reading network security architectures. Concepts in Firewall, VPN, router, switch, wireless. Concepts in AV, patch management. Concepts in domain, IIS, SQL, web, client/server services. Experience with virtual machine environments. Good verbal, interpersonal and written communication skills. Has analytical, problem-solving and decision making capabilities. Team player with the ability to work in diverse environment. Ability to multi-task.

Minimum Education: A 2-year degree in Information Systems, Engineering, Business, or other related scientific or technical discipline; or educational requirements may be substituted with IA/IT security certification with work experience.

r. SENIOR RCDD - (SERRCDDSR01)

Minimum/General Experience: Five (5) years.

Functional Responsibility: Acts as lead engineer in passive engineering projects and network implementations involving the extension and application of highly advanced engineering and networking principals and concepts. Capable of passive networking design implementation. Performs work that may include a variety of complex features and requires multi- or interdisciplinary approaches. Conducts advanced and state-of-the-art assignments under general supervision. Provides technical information for, and final technical editing of, all documents and proposals. Provides diagnosis of and resolutions for, complex passive networking and engineering problems.

Minimum Education: Bachelors degree or equivalent experience and RCDD Certification.

s. LEAD TECHNICIAN - (SERSCT01)

Minimum/General Experience: Three (3) years.

Functional Responsibility: Independently performs passive engineering tasks of an advanced nature but of limited scope, involving conventional and established procedures with minimal technical or administrative supervision. Participates in passive engineering projects and network implementations involving the extension and application of advanced engineering and networking principles and concepts. Capable of passive networking design implementation. Performs work that may include a variety of complex features and requires multi or interdisciplinary approaches. Conducts advanced and state-of-the-art assignments under general supervision. Provides technical information for, and final technical editing of, all documents and proposals. Provides diagnosis of, and resolution for, networking and engineering problems.
Minimum Education: High school or equivalent experience.

t. **SYSTEM ENGINEER SENIOR - (SERSEA01)**

Minimum/General Experience: Fifteen (15) years.

**Functional Responsibility:** Systems Engineer (Senior) ensures technical solutions meet mission needs; develops models and frameworks of existing and/or future wireless infrastructure; is responsible for defining and maintaining standards and best practices for all wireless and general communication systems engineering; provides identification/fixing of problems within existing systems, design/implementation of new systems and enhancement of existing systems; participates in analysis, design and new construction of next generation communication systems. In addition, provides technical direction for the development of interoperability standards in support of DHS objectives.

Minimum Education: Bachelors degree or equivalent experience.

u. **SR COMPUTER SECURITY SPECIALIST - (SERSRSC01)**

Minimum/General Experience: Seven (7) years.

**Functional Responsibility:** Capable of interpreting and applying DOD and NIST IA related documentation. Certifications: must have one or more of the following: MCSE, CISSP, CAP; or SANS GIAC. Certification and Accreditation, Risk assessment and IT auditing. Computer Forensics, Intrusion detection, incident response, penetration testing. Programming in VBS, Unix Shell scripting, PHP, Perl, SQL. Has at least 7 years work experience in IA technology or a related area. Microsoft Windows Server and UNIX/Linux administration. Installation, configuration and use of IT assessment tools. Engineer and design network security architectures. Configuration and concepts in Firewall, VPN, router, switch, wireless. Configuration and concepts in AV, patch management. Configuration and concepts in domain, IIS, SQL, web, client/server services. Experience with virtual machine environments. Excellent verbal, interpersonal and written communication skills. Strong analytical, problem-solving and decision making capabilities. Team player with the ability to work in a fast-paced environment. Ability to multi-task in a fast-paced environment.

Minimum Education: Bachelors degree or equivalent experience.

v. **TECHNICIAN - (SERTECH01)**

Minimum/General Experience: Four (4) years.

**Functional Responsibility:** Four (4) years of progressive experience in supervision of installation software and hardware technicians; analysis, design, and installation of computer based systems; analysis, design, and installation of LANs/WANs; and analysis, design, and installation of communications systems. General experience must include increasing responsibilities in technical management. Progressive experience including at least two projects in technical areas (e.g., automated data processing equipment, networks, software, client/server configurations, LANs/WANs, communications, etc.).

Minimum Education: High school or equivalent experience.

w. **PROJECT MANAGER - (SERTPM01)**

Minimum/General Experience: Four (4) years.

**Functional Responsibility:** Overall responsibility for company performance on specific programs or projects. Functions as the leader, manager, and coordinator of all contributing disciplines and resources in the completion of projects or management of the program. Engages in such activities as: assigning tasks; establishing and maintaining task schedules; maintaining liaison between appropriate engineering personnel and the customer to ensure effective coordination of all projects or program efforts; prepares and adheres to project cost and staffing plans; prepares
plans, proposals, and briefings.

**Minimum Education:** Bachelors degree or equivalent experience.

**x. SUBJECT MATTER EXPERT - (SME)**

**Minimum/General Experience:** Ten (10) years.

**Functional Responsibility:** Provides subject matter expertise in the field of computer science and information technologies. Plans, designs, and provides leadership in the development and implementation of complex data communications networks and systems applications, using the wide application of state of the art engineering principles, theories, and concepts. Designs large WANs which interface with legacy equipment and state of the art equipment, as well as networks that permit multiple environments to work together. Leads customer engagements and plays a key role developing recommendations based on customer requirements. Leads development and definitions of programs and projects, and implementation solutions. Other duties include providing technical guidance to senior members of the technical staff and developing and implementing procedures and techniques to ensure that technical solutions are achieved. Also serves as technical planning staff member.

**Minimum Education:** Bachelors degree or equivalent experience.

**y. PROJECT/TASK IPT LEAD - Sr - (SMS093SR)**

**Minimum/General Experience:** Ten (10) years.

**Functional Responsibility:** Usually acting independently, analyzes complex local and wide area network systems, including planning, designing, evaluating, selecting operating systems and protocol suites and configuring communication media with concentrators, bridges and other devices. Resolves difficult interoperability problems to obtain operation across all platforms including e-mail, files transfer, multimedia, teleconferencing and the like. Configures systems to user environments. Supports acquisition of hardware and software as well as subcontractor services. Serves as Task Leader. Responsible for ensuring the quality and services delivered for particular task(s) for which this skill is performing the Task Leader position.

**Minimum Education:** Bachelors degree or equivalent experience.

**z. SYSTEMS ENGINEER Sr - (017G)**

**Minimum/General Experience:** Twenty (20) years.

**Functional Responsibility:** Under general direction, performs high-level systems analysis, evaluation, design, integration, documentation, and implementation of very complex application that require a thorough knowledge of administrative and technical skills. Directs and participates in all phases of system development with emphasis on planning, analysis, evaluation, integration, testing and acceptance phases (IV&V and DT&E). Applies higher-level business or technical principles and methods to very difficult technical problems to arrive at automated engineering solution. Designs and prepares technical reports and related documentation, and makes charts and graphs to record results. Prepare and deliver presentations and briefings as required by the Task Order. May be required to serve as Task Leader. Responsible for ensuring the quality and services delivered for particular task(s) for which this skill is performing the Task Leader position.

**Minimum Education:** Bachelors degree or equivalent experience.

**aa. DATABASE DESIGNER - Md - (SMS033MD)**

**Minimum/General Experience:** Seven (7) years.

**Functional Responsibility:** Under limited supervision, designs, develops, and implements database applications to accommodate a variety of user needs. Administers, maintains, develops and implements the integrity, security and
availability of multiple database(s). Defines informational needs and elements, data relationships and attributes, proposed manipulation, data flow and storage requirements, data output and reporting capabilities. Tests and recommends software products. Performs system level database and software maintenance. May act as a technical project leader or provide work leadership for lower level employees.

**Minimum Education:** Bachelors degree or equivalent experience.

**bb. DATABASE DEVELOPER - Sr - (SMS035SR)**

**Minimum/General Experience:** Six (6) years.

**Functional Responsibility:** Designs, implements, and maintains complex databases with respect to access methods, access time, device allocation, validation checks, organization, protection and security, documentation, guidelines, and statistical methods. Includes maintenance of database dictionaries, overall monitoring of standards and procedures, and integration of systems through database design. Is expected to competently work at the highest level of all phases of database management.

**Minimum Education:** Bachelors degree or equivalent experience.

**cc. ENTERPRISE MGMT ENG - Mid - (SMS047MD)**

**Minimum/General Experience:** Seven (7) years.

**Functional Responsibility:** Under limited supervision, develops and applies advanced methods, theories and research techniques in the investigation and solution of complex and difficult system design requirements and problems requiring the expert application of advanced knowledge. Plans, conducts and technically directs projects or major phases of significant projects, coordinating the efforts of engineers and technical support staff in the performance of assigned projects. Conducts investigations of considerable complexity. Reviews literature, patents and current practices relevant to the solution of assigned projects. Reviews completion and implementation of systems additions and/or enhancements and recommends corrections in technical application and analysis to management. Evaluates vendor capabilities to provide required products or services. Provides technical consultation to other organizations. May provide work leadership for lower level employees. Excludes those with full supervisory responsibilities.

**NOTE:** This is often the highest level of individual contributor within an organization. Incumbents are normally widely recognized for their achievements, technical expertise and meritorious standing within their professional field. Work is normally on the forefront of new technologies.

**Minimum Education:** Bachelors degree or equivalent experience.

**dd. ENTERPRISE MGMT ENG - Sr - (SMS046SR)**

**Minimum/General Experience:** Ten (10) years.

**Functional Responsibility:** Develops and applies innovative methods, theories and research techniques in the investigation and solution of extremely complex and difficult system design requirements and problems requiring the expert and innovative application of advanced superior knowledge. Plans, conducts and technically directs the most complex, cross functional, and high revenue projects, coordinating the efforts of engineers and technical support staff in the performance of assigned projects. Conducts investigations of the highest complexity. Reviews literature, patents and current practices relevant to the solution of assigned projects. Reviews completion and implementation of systems additions and/or enhancements and recommends corrections in technical application and analysis to management. Evaluates vendor capabilities to provide required products or services. May provide work leadership for lower level employees.

**Minimum Education:** Bachelors degree or equivalent experience.

**ee. HARDWARE MAINT TECH - Jr - (SMS57JR)**
Minimum/General Experience: Zero (0) years.

Functional Responsibility: Under close supervision, performs field activities associated with installing, maintaining and servicing computer-related products at customer sites. May include PC & laptop computers, disc drives, and computer or telecommunications systems and networks. May provide operation/maintenance instruction to customers. Sets up and utilizes specialized test and diagnostic equipment to isolate malfunctions. Replaces defective units/components as appropriate. May work with customer via phone to identify operation/technical problems. Assists in the conduct of equipment/system acceptance testing following established procedures. Performs preventive maintenance. Usually handles basic, non-complex products and/or problems, referring more complex problems to higher-level technicians.

Minimum Education: High school or equivalent experience.

ff. INFORM ASSURANCE ENG - MD - (SMS065MD)

Minimum/General Experience: Seven (7) years.

Functional Responsibility: Under limited supervision, designs, tests and implements state-of-the-art secure operating systems, networks, and database products. Conducts risk assessment and provides recommendations for application design. Handles a wide range of security issues including architectures, firewalls, electronic data traffic, and network access. Analyses are performed at all levels of total system product to include: concept, design, fabrication, test, installation, operation, maintenance and disposal. Uses encryption technology, penetration and vulnerability analysis of various security technologies, and information technology security research. Designs and develops new systems, applications, and solutions for external customer enterprise-wide cyber systems and networks. Responsible for analysis, evaluation, and recommendations designed to promote economy, efficiency, and effectiveness in the customer's security program. Builds and maintains trusted relationships with customers. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Integrates new architectural features into existing infrastructures, designs cyber security architectural artifacts, provides architectural analysis and relates existing system to future needs and trends, embeds advanced forensic tools and techniques for attack reconstruction, provides engineering recommendations, and resolves integration/testing issues. May interface with external entities including law enforcement, and intelligence/government agencies. Able to communicate effectively and clearly present technical approaches and findings. Able to apply extensive technical expertise, and has full knowledge of other related disciplines. Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Completed work is reviewed from a relatively long-term perspective, for desired results. Guides the successful completion of major programs and may function in a project leadership role.

Minimum Education: Bachelors degree or equivalent experience.

gg. INFRASTRUCTURE ENG Nr MGR - SR - (SMS067SR)

Minimum/General Experience: Twelve (12) years.

Functional Responsibility: Under general supervision and usually acting independently, conducts analysis, design, and installation of infrastructure systems; analysis, design, and installation of LANs/WANs; and analysis, design, and installation of communications systems. General experience must include management of infrastructure engineers and/or enterprise level projects. Conducts investigations and tests of the highest complexity. Reviews literature, patents and current practices relevant to the solution of assigned projects. Recommends corrections in technical applications and analysis. Evaluates vendor capabilities to provide required products or services.

Minimum Education: Bachelors degree or equivalent experience.

hh. REQUIREMENTS ENGINEER - SR - (SMS99SR)

Minimum/General Experience: Ten (10) years.
Functional Responsibility: Under general supervision and usually acting independently, gathers customer requirements, conducts site surveys and assessments, performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools. Capable of managing other engineers in the requirement gathering and analysis functions. Generates design plans and project schedules based on customer requirements.

Minimum Education: Masters degree or equivalent experience.

ii. SOFTWARE ENGINEER - SR - (SMS110SR)

Minimum/General Experience: Seven (7) years.

Functional Responsibility: Develops and applies innovative methods, theories and research techniques in the investigation and solution of extremely complex and advanced software applications and problems requiring the expert application of advanced superior knowledge. Plans, conducts, technically directs and evaluates the most complex, cross functional, and high revenue significant projects, coordinating the efforts of engineers and technical support staff in the performance of assigned projects. Conducts investigations and tests of the highest complexity. Reviews literature, patents and current practices relevant to the solution of assigned projects. Recommends corrections in technical applications and analysis. Evaluates vendor capabilities to provide required products or services. May provide work leadership for lower level employees.

Minimum Education: Bachelors degree or equivalent experience.

jj. SYSTEM ARCHITECT - JR - (SMS123JR)

Minimum/General Experience: Ten (10) years.

Functional Responsibility: Under close supervision, acts as engineer for backbone, Remote Office and SOHO networking projects and implementations. Performs networking design implementation including technologies such as DSL, T1, Fast Ethernet, VPN, and/or ISDN. Designs, installs, and tests data communication equipment providing secure LAN and WAN connectivity to user communities of 1000 individuals or smaller. Uses tools such as QoS, RMON, VLAN, and ELAN to provide high quality, reliable, and manageable network solutions. Ensures interoperability of multi-vendor, multi-technology networks to provide integrated, seamless services to end-users. Provides diagnosis of and resolutions for networking and engineering issues such as bandwidth bottlenecks, remote dial-in security assurance, and technology migration planning.

Minimum Education: Bachelors degree or equivalent experience.

kk. SYSTEM ARCHITECT - MD - (SMS122MD)

Minimum/General Experience: Twelve (12) years.

Functional Responsibility: Under limited supervision, acts as engineer for backbone, Remote Office and SOHO networking projects and implementations. Performs networking design implementation including technologies such as DSL, T1, Fast Ethernet, VPN, and/or ISDN. Designs, installs, and tests data communication equipment providing secure LAN and WAN connectivity to user communities of 1000 individuals or smaller. Uses tools such as QoS, RMON, VLAN, and ELAN to provide high quality, reliable, and manageable network solutions. Ensures interoperability of multi-vendor, multi-technology networks to provide integrated, seamless services to end-users. Provides diagnosis of and resolutions for networking and engineering issues such as bandwidth bottlenecks, remote dial-in security assurance, and technology migration planning.

Minimum Education: Bachelors degree or equivalent experience.

II. SYSTEM ENGINEER – MD - (SMS125MD)

Minimum/General Experience: Four (4) years.
**Functional Responsibility:** Under limited supervision, develops and applies advanced methods, theories and research techniques in the investigation and solution of advanced system requirements and problems. Plans, conducts and technically directs projects or major phases of significant projects, coordinating the efforts of technical support staff in the performance of assigned projects. Conducts investigations and tests of considerable complexity. Reviews literature, patents and current practices relevant to the solution of assigned projects. Reviews completion and implementation of system additions and/or enhancements and makes recommendations to management. Evaluates vendor capabilities to provide required products or services. May provide technical consultation to other organizations and work leadership for lower level employees. Excludes those with full supervisory responsibilities.

**Minimum Education:** Bachelors degree or equivalent experience.

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**SYSTEM ENGINEER - SR - (SMS124SR)**

**Minimum/General Experience:** Ten (10) years.

**Functional Responsibility:** Under general supervision and usually acting independently, develops and applies advanced methods, theories and research techniques in investigation and solution of complex and difficult system design requirements and problems. Plans, conducts and technically directs projects or major phases of significant projects, coordinating the efforts of engineers and technical support staff in the performance of assigned projects. Conducts investigations of considerable complexity. Reviews literature, patents and current practices relevant to the solution of assigned projects. Reviews completion and implementation of systems additions and/or enhancements and recommends corrections in technical application and analysis to management. Evaluates vendor capabilities to provide required products or services. Provides technical consultation to other organizations. May provide work leadership for lower level employees. Excludes those with full supervisory responsibilities.

**Minimum Education:** Bachelors degree or equivalent experience.

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**SYSTEMS INTEGRATION ENGINEER JR - (SMS117JR)**

**Minimum/General Experience:** Two (2) years.

**Functional Responsibility:** Under close supervision, defines, designs and develops system requirements. Assesses architecture and current hardware limitations, defines and designs complex system specifications, input/output processes and working parameters for hardware/software compatibility. Coordinates design of subsystems and integration of total system. Analyzes and resolves difficult and complicated program support deficiencies. Conducts independent technical investigations in systems design. Coordinates and consolidates design efforts on major projects. May provide work leadership for lower level employees. Excludes those with full supervisory responsibilities.

**Minimum Education:** Bachelors degree or equivalent experience.
<table>
<thead>
<tr>
<th>SERVICE (Job Title/LCAT)</th>
<th>UNIT</th>
<th>PRICE (including IFF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Network Systems Engineer - (OTHV000224)</td>
<td>Hour</td>
<td>$148.60</td>
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<tr>
<td>Project Engineer Senior - (009G)</td>
<td>Hour</td>
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<tr>
<td>Project Engineer Intermediate - (010G)</td>
<td>Hour</td>
<td>$64.19</td>
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<tr>
<td>Systems Engineer Intermediate - (018G)</td>
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<tr>
<td>IT Certified Professional - Senior - (032G)</td>
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<tr>
<td>Sr IT Systems Solution Architect - (107G)</td>
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<tr>
<td>Systems Engineer - (SERRRSE02)</td>
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<td>Program Manager - (OTHV000176)</td>
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<tr>
<td>Special Applications Systems Engineer - (OTHV000228)</td>
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<tr>
<td>Subject Matter Specialist - (OTHV000438)</td>
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<td>Senior Cable Engineer - (SERCABENGSR0)</td>
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<td>Cable Tech-Intermediate - (SERCABTCINT01)</td>
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<td>Senior Cable Technician - (SERCABTCSR01)</td>
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<tr>
<td>Information Assurance Eng Stf - (SERIAES01)</td>
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<tr>
<td>Jr Computer Security Specialist - (SERJRSC01)</td>
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<tr>
<td>Mid Computer Security Specialist - (SERMDSC01)</td>
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<tr>
<td>Senior RCDD - (SERRUDDCSR01)</td>
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<td>Subject Matter Expert - (SME)</td>
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<td>Project/Task IPT Lead-Sr - (SMS093SR)</td>
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<td>Systems Engineer Sr - (017G)</td>
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<td>Database Designer-Md - (SMS033MD)</td>
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<td>Database Developer-Sr - (SMS035SR)</td>
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<td>Enterprise Mgmt Eng-Md - (SMS047MD)</td>
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<td>Software Engineer - Sr - (SMS110SR)</td>
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<td>System Architect-Jr - (SMS123JR)</td>
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<tr>
<td>System Engineer-Sr - (SMS124SR)</td>
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<tr>
<td>Systems Integration Engineer Jr - (SMS117JR)</td>
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