



**AUTHORIZED FEDERAL SUPPLY SERVICE
INFORMATION TECHNOLOGY SCHEDULE PRICE LIST**

**Preferred Systems Solutions, Inc.
7925 Jones Branch Drive,
Suite 6200
McLean, VA 22102
703-663-2777 – telephone
703-663-2780 – fax
Website: www.pssfed.com**

SIN 132-51 - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES – Subject to Cooperative Purchasing

FSC/PSC Code D301	IT AND TELECOM – FACILITY OPERATIONS AND MAINTENANCE Facility Management
FSC/PSC Code D302	IT AND TELECOM – SYSTEMS DEVELOPMENT Systems Development Services
FSC/PSC Code D306	IT AND TELECOM – SYSTEMS ANALYSIS Systems Analysis Services
FSC/PSC Code D307	IT AND TELECOM – IT STRATEGY AND ARCHITECTURE Automated Information Systems Services
FSC/PSC Code D308	IT AND TELECOM – PROGRAMMING Programming Services
FSC/PSC Code D316	IT AND TELECOM TELECOMMUNICATIONS NETWORK MANAGEMENT IT Network Management Services
FSC/PSC Code D399	IT AND TELECOM – OTHER IT AND TELECOMMUNICATIONS Other Information Technology Services, Not Elsewhere Classified

Contract Number: GS-35F-469DA (Mod PS-0009)
Period Covered by Contract: August 19, 2016 through August 18, 2021
Business Size: Large Business
Point of Contact: Lynna S. Hood, CFCM, Vice President Contracts, Pricing & Administration
571-370-9681 – telephone
lhood@pssfed.com - email

Products and ordering information in this Authorized FSS Information Technology Schedule Pricelist are also available on the GSA Advantage! System. Agencies can browse GSA Advantage! by accessing the Federal Supply Service's Home Page via the Internet at <http://www.fss.gsa.gov/>

**INFORMATION FOR ORDERING OFFICES
APPLICABLE TO ALL SPECIAL ITEM NUMBERS**

SPECIAL NOTICE TO AGENCIES: Small Business Participation

SBA strongly supports the participation of small business concerns in the Federal Supply Schedules Program. To enhance Small Business Participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals.

For orders exceeding the micropurchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage!™ on-line shopping service (www.fss.gsa.gov). The catalogs/pricelists, GSA Advantage!™ and the Federal Supply Service Home Page (www.fss.gsa.gov) contain information on a broad array of products and services offered by small business concerns.

This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.

For orders exceeding the micropurchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

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| 1a. Awarded Special Item Numbers (SIN): | SIN 132-51 - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES – subject to cooperative purchasing |
| 1b. Lowest Priced model and lowest unit prices: | Prices shown are net. |
| 1c. Labor Category Descriptions: | Descriptions are provided starting on Page 6. |
| 2. Maximum Order: | \$500,000.00 |
| 3. Minimum Order: | \$100.00 or negotiated at the task order level |
| 4. Geographic Scope of Contract: | Domestic |
| 5. Point(s) of Production: | McLean, VA and government Sites |
| 6. Statement of Net Price: | Prices shown at net. |
| 7. Quantity Discounts: | None offered; Discounts for Orders that exceed the maximum Order threshold shall be negotiated on per Order basis. |
| 8. Payment Terms (net and prompt): | None. |
| 9. Government Purchase Cards: | PSS does not accept Government purchase cards |
| 10. Foreign Items: | Not Applicable |
| 11a. Time of Delivery: | 30 days ARO or as negotiated at the task order level. |
| 11b. Expedited Delivery: | As quoted |
| 11c. Overnight and 2-day Delivery: | Negotiated at the task order level |
| 11d. Urgent Requirements: | Contact PSS for urgent requirements |
| 12. F.O.B. Points: | Destination |
| 13a. Ordering Address: | Preferred Systems Solutions, Inc.
7925 Jones Branch Drive, Suite 6220
McLean, VA 22102
Phone: 703-663-2777 x1721 |
| 13b. Ordering Procedures: | For supplies and services, the ordering procedures information on Blanket Purchase Agreements (BPAs), and a sample BPA can be found at the |

- GSA/FSS Schedule homepage
(fss.gsa.gov/schedules).
14. **Payment Address:** Preferred Systems Solutions, Inc.
925 Jones Branch Drive, Suite 6200
McLean, VA 22102
Attn: Accounts Payable
 15. **Warranty Provision:** Standard Commercial Warranty
 16. **Export Packing Charges:** Not Applicable
 17. **Terms and Conditions of Government Purchase Card Acceptance:** Not Applicable
 18. **Terms and Conditions of Rental, Maintenance, and Repair:** Not Applicable
 19. **Terms and Conditions of Installation:** Not Applicable
 20. **Terms and Conditions of Repair Parts Indicating Date of Parts Price Lists, and Any Discounts From List Prices:** Not Applicable
 21. **Terms and Conditions for Any Other Services:** Not Applicable
 22. **List of Service and Distribution Points:** Not Applicable
 23. **List of Participating Dealers:** Not Applicable
 24. **Preventive Maintenance:** Not Applicable
 - 25a. **Special Attributes Such as Environmental Attributes:** Not Applicable
 - 25b. **Section 508 Compliance:** As applicable
 26. **Data Universal Number System (DUNS) Number:** 788854248
 27. **Negotiation regarding registration in SAM.gov:** PSS is registered in the SAM database
 28. **Uncompensated Overtime:** PSS' policies are consistent with the Fair Labor and Standards Act (FLSA). Non-Exempt employees are compensated at a rate of one and one-half (1.5) times their hourly rate for hours worked over 40 in a work week.

Salaried employees are paid according to a standard 40 hour work week. If employees exceed 40 hours per work week, no overtime pay is provided.

IT PROFESSIONAL SERVICES OFFERING

LABOR CATEGORY DESCRIPTIONS:

DATABASE ADMINISTRATOR:

Minimum/General Experience: Five (5) years progressive experience of database query languages such as Oracle, PL SQL, SQL Server, and MS Access. Also has at least three years hands-on experience and expertise in Relational Database Management Systems. Experience also shall include capability to work on various operating systems and additional programming languages. Has experience in at least two projects in a large organization responsible for administering, operating, maintaining, and securing a large-scale computer database.

Functional Responsibility: Provides all activities related to the administration of computerized databases. Projects long-range requirements for database administration and design in conjunction with other managers in the information systems function. Designs, creates, and maintains databases in a client/server environment. Conducts quality control and auditing of databases in a client/server environment to ensure accurate and appropriate use of data. Advises users on access to various client/server databases. Designs, implements, and maintains complex databases with respect to JCL, access methods, access time, device allocation, validation checks, organization, protection and security, documentation, and statistical methods. Applies knowledge and experience with database technologies, development methodologies, and front-end /back-end programming languages (e.g., SQL). Performs database programming and supports systems design. Includes maintenance of database dictionaries, overall monitoring of standards and procedures, file design and storage, and integration of systems through database design.

Minimum Education: Bachelor's Degree

EXPERT SUBJECT MATTER EXPERT

Minimum/General Experience: Ten (10) years in the discipline field.

Functional Responsibility: Serves as subject matter expert, possessing in-depth knowledge on subjects relating to the conduct, activities, governance, business practices, or operations. Provides expert support, analysis and research with only broad direction into exceptionally complex problems and processes relating to the subject matter.

Provides extensive technical knowledge, analysis of, understanding, and experience in the application of technical principles, theories, and concepts in the required technical field, as well as having full knowledge of other related disciplines exceptionally complex problems that need extensive knowledge of the subject matter for effective development, and implementation of solutions. Provides technical solutions to a wide range of complex problems. Provides technical expertise in a particular area of IT (e.g. Information Systems Architecture, Telecommunications Systems Design, Architecture, Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, Communications, Network Systems Management, etc.) or a specific functional area (e.g. finance, logistics, operations research, planning, policy, technical intelligence, etc.)

Minimum Education: Bachelor's degree or higher from an accredited college or university in the discipline field; a Master's Degree may be substituted for one (1) year of relevant experience; a PhD may be substituted for two (2) years of relevant experience.

FUNCTIONAL ANALYST

Minimum/General Experience: - Six (6) years' experience that includes three (3) years in a specialized area. Specialized experience includes: performing functional allocation to identify required tasks and their interrelationships. Provides technical assistance on complex projects. Formulates/defines system scope and objectives. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time and form of desired results. Identifies resources required for each task. Demonstrates exceptional oral and written communication skills.

Functional Responsibility: Responsible for identifying and documenting all specific functional requirements associated with implementing the application. Develops a comprehensive functional description of current and future system and process requirements through structured interviews, focus groups, documentation review and

other data gathering techniques. Interfaces with technical personnel to identify specific system requirements and risks. Works directly with agency/organization functional staff members to identify specific application views and data requirements to ensure that the final system incorporates required functionality.

Minimum Education: Bachelor's Degree

HELP DESK SUPPORT

Minimum/General Experience: Five (5) years' experience that includes three (3) years in a specialized area. Specialized experience includes knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and experience in supporting a help desk. General experience includes information systems development and other work in the client/server field or related fields.

Functional Responsibility: Provides telephone and in-person support to users in the areas of e-mail, directories, standard windows desktop COTS applications, and applications developed under this contract for predecessors. Serves as the initial point of contact for troubleshooting hardware/software PC and printer problems. Has demonstrated ability to communicate orally and in writing and a positive customer service attitude.

Minimum Education: Bachelor's Degree

NETWORK ENGINEER – SR.

Minimum/General Experience: Eight (8) years in the discipline field.

Functional Responsibility: Shall have a Bachelor's Degree in Computer Science, Information Systems, or Network Engineering and at least eight (8) years of experience in network engineering (LAN/WAN), architecture, monitoring, security, and protection. Or the individual shall have five (5) years of full time CS work that can be substituted for the Bachelor's degree and at least eight (8) years of experience in network engineering (LAN/WAN), architecture, monitoring, security, and protection. Must have datacenter network design and architecture experience to include the installation and configurations of Cisco routers, switches, firewalls, and IPSEC virtual private networks.

Minimum Education: Bachelor's degree or its equivalent.

PROGRAM MANAGER

Minimum/General Experience: Fifteen (15) years of progressive Information Resources Management experience that includes ten (10) years system management experience.

Functional Responsibility: Serves as the Contractor counterpart to the ordering activity program/technical managers. Responsible for adhering to work standards, assigning schedules, reviewing work, supervising contractor personnel and communicating policies, procedures and goals of the organization to personnel. Manages a diverse group of functional activities, subordinate groups of technical and administrative personnel. Manages substantial program/technical support operations involving multiple projects/task orders and personnel at diverse locations. Organizes, directs, and coordinates planning and execution of all program/technical support activities. Has demonstrated information technology expertise and communications skills to be able to interface with all levels of management. Simultaneously plans and manages the transition of several highly technical projects. Establishes and alters (as necessary) management structure to effectively direct program/technical support activities. Meets and confers with ordering activity management officials regarding the status of specific Responsible for the contractor program/technical activities and problems, issues or conflicts regarding resolution.

Minimum Education: Bachelor's Degree

PROJECT ADMINISTRATOR

Minimum/General Experience: Eight (8) years' experience that includes five (5) years that are specialized in major information technology projects. Perform evaluations on existing procedures, processes, techniques, models, and/or systems related to management problems or contractual issues, which would require a problem notification report and recommend solutions such as an ECP. Develop work breakdown structures, prepares charts, tables, graphs, and diagrams to assist in analyzing problems.

Functional Responsibility: Provides expertise to conduct investigations and studies and present recommendations and solutions related to short and long range program planning requirements. Classifies and summarizes data for the preparation and submission of reports on a recurring basis. Provides advice and assistance to managers which directly affect the conduct and attainment of agency goals and objectives.

Minimum Education: Bachelor's Degree

PROJECT MANAGER

Minimum/General Experience: Twelve (12) years of progressive Information Resources Management experience that includes six (6) years of systems software management experience.

Functional Responsibility: Directs completion of complex information technology tasks within estimated timeframe and budget constraints. Schedules and assigns duties to subordinates and subcontractors and ensures assignments are completed as directed. Enforces work standards and reviews/resolves work discrepancies to ensure compliance with contract requirements. Interfaces with the Contractor's Program Manager as well as ordering activity management personnel including, but not limited to, the Contracting Officer and the Contracting Officer's Technical Representative. Reports in writing and orally to contractor management and ordering activity representative.

Provides competent technical leadership and is responsible for program direction through successful performance of a variety of detailed, diverse elements of information technology projects. Assists the Program Manager in working with the ordering activity Contracting Representative to ensure work standards and schedules are being met. Assists in managing a group on functional activities and subordinate groups of technical and administrative personnel.

Minimum Education: Bachelor's Degree

PROJECT MANAGER – FULL PERFORMER

Minimum/General Experience: Eleven (11) years in the discipline field.

Functional Responsibility: Directs completion of complex information technology tasks within estimated timeframe and budget constraints. Schedules and assigns duties to subordinates and subcontractors and ensures assignments are completed as directed. Enforces work standards and reviews/resolves work discrepancies to ensure compliance with contract requirements. Interfaces with the Contractor's Program Manager as well as ordering activity management personnel including, but not limited to, the Contracting Officer (CO) and the Contracting Officer's Technical Representative (COTR). Reports in writing and orally to contractor management and ordering activity representative.

Provides competent technical leadership and is responsible for program direction through successful performance of a variety of detailed, diverse elements of information technology projects. Assists the Program Manager in working with the ordering activity Contracting Representative to ensure work standards and schedules are being met. Assists in managing a group on functional activities and subordinate groups of technical and administrative personnel.

Minimum Education: Bachelor's degree or its equivalent.

QUALITY ASSURANCE ANALYST

Minimum/General Experience: Five (5) years of program support experience on major information technology programs that includes two (2) years of direct quality assurance support for software development projects utilizing COBOL and 4GL. Provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, review of program documentation to assure ordering activity standards/requirements are adhered to, and for progress

in accordance with schedules. Coordinates with the Project Manager and/or Quality Assurance Manager to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives.

Functional Responsibility: Develops and implements quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures in a large computer-based organization. Reviews information systems requirements and develops and implements test plans ensuring proposed data processing systems modules, programs, and systems are stress tested, error free and meet stated requirements before implementation. Must be adept at problem definition and resolution. Must be capable of documenting problems and preparing recommendations for their solution.

Minimum Education: Bachelor's Degree

QUALITY ASSURANCE ANALYST - SME

Minimum/General Experience: Twenty years (20) in the discipline field.

Functional Responsibility: Recognized expert within the Company, who designs, researches, and develops highly advanced applications, which may result in new product/business opportunities for the Company. Leads efforts to capture new business through technical work and capability briefings. Ensures that QC procedures adequately evaluate products. Determines if current methods and techniques result in meeting reliability standards or require modification. Develops, modifies, applies, and maintains quality evaluation and control systems and protocols for processing materials into partially finished or finished materials product. Collaborates with engineering and manufacturing functions to ensure quality standards are in place. Devises and implements methods and procedures for inspecting, testing, and evaluating the precision and accuracy of products and production equipment. Designs and analyzes inspection and testing processes, mechanisms, and equipment; conducts QA tests; and performs statistical analysis to assess the cost of and determine the responsibility for products or materials that do not meet required standards and specifications. Audits quality systems for deficiency identification and correction. Ensures that corrective measures meet acceptable reliability standards and that documentation is compliant with requirements. May specialize in the areas of design, incoming material; production control, product evaluation, and reliability; inventory control; and/or research and development as they apply to product or process quality. May be certified in lean and six-sigma quality engineering methodologies.

Minimum Education: Bachelor's Degree

SECURITY SPECIALIST

Minimum/General Experience: Five (5) years of experience as an Intelligence Analyst, Cyber or Signals Intelligence (SIGINT) focus. Strong attention to detail and organizational skills.

Functional Responsibility: Serves as an Intelligence Specialist (Cyber Operations) with responsibilities for participating in the production of all-source intelligence products pertaining to computer operation and planning activities. Applies a wide range of intelligence analytic skills to monitor, assess, and report on cyberspace operations, capabilities, vulnerabilities, and personalities that could pose a threat to U.S. computers, communications, weapon systems and operations. Advises stakeholders on key developments in their assigned area, including immediate and long-term responses. Conducts reviews, identifies gaps, recommends solutions, and ensures alignment with strategies. Supports decision making and special projects on the preparation, production, and coordination of written products and briefings for stakeholders and leadership. In conjunction with senior analysts, develops and/or recommends complex analytic approaches to problems and situation for which data are incomplete, controversial, or which no precedents exist. Excellent communication skills.

Minimum Education: Bachelor's Degree or High School Diploma and eight (8) years demonstrated experience as an Intelligence Analyst, Cyber or SIGINT focus.

SENIOR DOCUMENTATION SPECIALIST

Minimum/General Experience: At least seven (7) years' experience in the field of a related area. Familiar with a variety of the field's concepts, practices, and procedures.

Functional Responsibility: Supervises and coordinates daily activities of documentation staff within the department. Ensures new and existing publications are in accordance with established documentation procedures. Ensures any necessary internal process documentation. May require an associate's degree or its equivalent and at least five (5) years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department. Manages the documentation department in accordance with organizational policies and goals. Develops standard documentation methods to effectively communicate product concepts and use. Ensures any necessary internal process documentation.

Prepares and/or maintains documentation pertaining to programming, systems operation and user documentation. Translates business specifications into user documentation. Plans, writes, and maintains systems and user support documentation efforts, including online help screen. May require an associate's degree in a related area and 4-6 years of experience in the field or in a related area. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Typically reports to a supervisor or manager. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to top management.

Minimum Education: - Associate's degree or its equivalent.

SENIOR FUNCTIONAL ANALYST

Minimum/General Experience: Ten (10) years' experience that includes five (5) years in a specialized area. Specialized experience includes: systems requirements and/or developing functional requirements for complex integrated information systems business processes and/or programs.

Functional Responsibility: Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required to complete each task. Works directly with agency/organization functional staff members to identify specific application views and data requirements to ensure that the final system incorporates required functionality. Responsible for feasibility studies, time and cost estimates, and the establishment and implementation of new or revised applications systems and programs. Assists in projecting software and hardware requirements. Demonstrates the ability to work independently. Shows leadership skills and has led a team on three successful projects. Has current knowledge of functions being developed or automated.

Minimum Education: Bachelor's Degree

SENIOR SUBJECT MATTER EXPERT

Minimum/General Experience: Six (6) years in the discipline field.

Functional Responsibility: Serves as subject matter expert, possessing in-depth knowledge on subjects relating to the conduct, activities, governance, business practices, or operations. Provides expert support, analysis and research with only broad direction into exceptionally complex problems and processes relating to the subject matter.

Provides extensive technical knowledge, analysis of, understanding, and experience in the application of technical principles, theories, and concepts in the required technical field, as well as having full knowledge of other related disciplines exceptionally complex problems that need extensive knowledge of the subject matter for effective development, and implementation of solutions. Provides technical solutions to a wide range of complex problems. Provides technical expertise in a particular area of IT (e.g. Information Systems Architecture, Telecommunications Systems Design, Architecture, Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, Communications, Network Systems Management, etc.) or a specific functional area (e.g. finance, logistics, operations research, planning, policy, technical intelligence, etc.)

Minimum Education: Bachelor's degree or higher from an accredited college or university in the discipline field; a Master's Degree may be substituted for one (1) year of relevant experience; a PhD may be substituted for two (2) years of relevant experience.

SENIOR WEB DEVELOPER

Minimum/General Experience: Three (3) years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures (i.e., SQL, C++, HTML, CGI and JavaScript).

Functional Responsibility: Consults with clients and other project team members to design, build and manage websites. Develops installation programs for websites. May negotiate contracts/agreements with software vendors and other internet companies. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a project leader or manager.

Minimum Education: Bachelor's Degree

SOFTWARE DEVELOPER

Minimum/General Experience: Five (5) years relevant experience resolving problems with software and responds to suggestions for improvements and enhancements. Must possess IT-II security clearance or have a current National Agency Check with Local Agency Check and Credit Check (NACLC) at time of proposal submission. Relevant certification from a nationally recognized technical authority.

Functional Responsibility: Developing new software applications in partnership with business analysts and technical architects. Upgrading existing software as the user organization's needs change. Localizing software products for different international markets. Testing software to ensure the code is correct, fixing ('debugging') errors where they occur, and rerunning and rechecking the program until it produces the correct results. Working with trainers and technical writers to develop user support materials.

Minimum Education: Bachelor's Degree

SOFTWARE DEVELOPER - EXPERT

Minimum/General Experience: Twelve (12) years in the discipline field.

Functional Responsibility: Recognized expert within the Company, who designs, researches, and develops highly advanced applications, which may result in new product/business opportunities for the Company. Leads efforts to capture new business through technical work and capability briefings. Ensures that QC procedures adequately evaluate products. Determines if current methods and techniques result in meeting reliability standards or require modification. Develops, modifies, applies, and maintains quality evaluation and control systems and protocols for processing materials into partially finished or finished materials product. Collaborates with engineering and manufacturing functions to ensure quality standards are in place. Devises and implements methods and procedures for inspecting, testing, and evaluating the precision and accuracy of products and production equipment.

Designs and analyzes inspection and testing processes, mechanisms, and equipment; conducts QA tests; and performs statistical analysis to assess the cost of and determines the responsibility for, products or materials that do not meet required standards and specifications. Audits quality systems for deficiency identification and correction. Ensures that corrective measures meet acceptable reliability standards and that documentation is compliant with requirements. May specialize in the areas of design, incoming material, production control, product evaluation and reliability, inventory control, and/or research and development as they apply to product or process quality. May be certified in lean and six-sigma quality engineering methodologies.

Minimum Education: Bachelor's Degree

SOFTWARE ENGINEER

Minimum/General Experience: Three (3) years' experience as a software engineer that includes two (2) years working with SQL or other third/fourth generation languages.

Functional Responsibility: Analyzes and studies complex system requirements. Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Supports the development of unique system software as well as the integration of commercial off-the-shelf (COTS) software integration. Manages software development and support using formal specifications, data flow diagrams, other accepted design techniques, and Computer Aided Software Engineering (CASE) tools. Interprets software requirements and design specifications code, and integrates and tests software components. Estimates software development costs and schedule. Reviews existing programs and assists in making refinements, reducing operating time, and improving current techniques. Supervises software configuration management.

Minimum Education: Bachelor's Degree

SYSTEM ADMINISTRATOR

Minimum/General Experience: Four (4) years' experience that includes three (3) years in a specialized area. Specialized experience includes: administrating UNIX, Windows NT, Novell systems and/or open systems.

Functional Responsibility: Supervises the monitoring of network facilities. Ensures high quality transmission on network. Directs testing and analysis of all elements of the network facility (including hardware, software, power, communications, lines, modems and terminals). Supervises testing and analysis of all elements of the network facilities (including software, power, communications machinery, lines, modems and terminals). Serves as key contact for remote locations and customers to obtain clarification of problems and provides resolution of system failures and degradations. Optimizes system operations and resource utilization and performs system capacity analysis and planning. Provides assistance to users in accessing and using business/computer systems. Monitors and supports computer processing. Coordinates input, output, and file media. Distributes output and controls computer operation.

Minimum Education: Bachelor's Degree

SYSTEM ENGINEER

Minimum/General Experience: Four (4) years' experience that includes two (2) years in a specialized area. Specialized experience includes: knowledge of system engineers familiar with a network topologies and configurations, X.25, TCP/IP, IPX, Frame Relay, ATM, bridges, routers, hubs and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems.

Functional Responsibility: Applies software, hardware, and standards information technology skills in the analysis, specification, development, integration, and acquisition of systems for information management applications. Provides technical leadership developing solutions for engineering studies. Evaluates and recommends COTS applications and methodologies that can be acquired to provide interoperable, portable, and scalable information technology solutions. Performs analysis and validation of reusable software/hardware components to ensure the integration of these components into interoperable information management designs.

Minimum Education: Bachelor's Degree

SYSTEMS ADMINISTRATOR – DEVELOPMENTAL

Minimum/General Experience: One (1) year in the discipline field.

Functional Responsibility: Develops solutions to routine technical problems of limited scope following detailed instructions. Work is supervised. Maintains smooth operation of multi-user computer systems, including coordination with network engineers. Monitors and manages system resources, including CPU usage, disk usage, and response times to maintain operating efficiency. Performs systems security administration functions, including creating user profiles and accounts. Other duties may include setting up administrator accounts; maintaining system documentation; tuning system performance; and installing system wide software and allocating mass storage space. Interacts with users and evaluates vendor products. Makes recommendations to purchase hardware and software, coordinates installation and provides backup recovery. Develops and monitors policies and standards for allocation related to the use of computing resources. May be assigned responsibility for less experienced staff.

Minimum Education: Bachelor's degree or its equivalent.

Substitutions

Education and experience may be substituted as indicated in the Education/Experience Equivalence table below.

Each year of relevant experience may be substituted for one (1) year of education, and vice versa. In addition, certifications, professional licenses, and vocational technical training may be substituted for experience or education. Years of successful higher education completion that has not yet resulted in a degree may be counted as experience on a one-for-one basis.

Degree	Experience	Other Equivalence
Bachelor's	Associate's + 2 years' experience or 4 years' relevant experience	Professional certification in lieu of the Bachelor's degree
Master's	Bachelor's + 2 years' experience or 6 years' experience	not applicable
Doctorate	Bachelor's + 2 years' experience or 8 years' experience	not applicable

GSA IT PROFESSIONAL SERVICES PRICE LIST

The following rates are inclusive of the GSA Industrial Funding Fee of 0.0075%.

PERIOD OF PERFORMANCE: 16 AUGUST 2016 - 15 AUGUST 2017	
Labor Category	Hourly Rate
Database Administrator	\$125.72
Expert SME	\$312.90
Functional Analyst	\$121.32
Help Desk Support	\$39.73
Program Manager	\$159.51
Project Administrator	\$81.47
Project Manager	\$97.64
Quality Assurance Analyst	\$99.22
Security Specialist	\$110.89
Senior Functional Analyst	\$130.09
Senior SME	\$240.69
Senior Web Developer	\$129.98
Software Developer	\$95.46
Software Engineer	\$141.17
Sr. Documentation Specialist	\$68.69
Systems Administrator	\$139.61
Systems Engineer	\$136.72

PERIOD OF PERFORMANCE: 16 AUGUST 2017 - 15 AUGUST 2018	
Labor Category	Hourly Rate
Database Administrator	\$128.23
Expert SME	\$319.16
Functional Analyst	\$123.75
Help Desk Support	\$40.52
Program Manager	\$162.70
Project Administrator	\$83.10
Project Manager	\$99.59
Quality Assurance Analyst	\$101.20
Security Specialist	\$113.11
Senior Functional Analyst	\$132.69
Senior SME	\$245.50
Senior Web Developer	\$132.58
Software Developer	\$97.37
Software Engineer	\$143.99
Sr. Documentation Specialist	\$70.06
Systems Administrator	\$142.40
Systems Engineer	\$139.45

PERIOD OF PERFORMANCE: 16 AUGUST 2018 - 15 AUGUST 2019	
Labor Category	Hourly Rate
Database Administrator	\$130.80
Expert SME	\$325.54
Functional Analyst	\$126.22
Help Desk Support	\$41.34
Program Manager	\$165.95
Project Administrator	\$84.76
Project Manager	\$101.58
Quality Assurance Analyst	\$103.23
Security Specialist	\$115.37
Senior Functional Analyst	\$135.35
Senior SME	\$250.41
Senior Web Developer	\$135.23
Software Developer	\$99.32
Software Engineer	\$146.87
Sr. Documentation Specialist	\$71.47
Systems Administrator	\$145.25
Systems Engineer	\$142.24

PERIOD OF PERFORMANCE: 16 AUGUST 2019 - 15 AUGUST 2020	
Labor Category	Hourly Rate
Database Administrator	\$133.42
Expert SME	\$332.05
Functional Analyst	\$128.75
Help Desk Support	\$42.16
Network Engineer Sr	\$128.86
Program Manager	\$169.27
Project Administrator	\$86.46
Project Manager	\$103.62
Project Manager - Full Performer	\$72.26
Quality Assurance Analyst	\$105.29
Quality Assurance Analyst - SME	\$143.83
Security Specialist	\$117.68
Senior Functional Analyst	\$138.05
Senior SME	\$255.42
Senior Web Developer	\$137.94
Software Developer	\$101.30
Software Developer - Expert	\$115.53
Software Engineer	\$149.81
Sr. Documentation Specialist	\$72.89
Systems Administrator	\$148.16
Systems Administrator - Developmental	\$83.54
Systems Engineer	\$145.09

PERIOD OF PERFORMANCE: 16 AUGUST 2020 - 15 AUGUST 2021	
Labor Category	Hourly Rate
Database Administrator	\$136.08
Expert SME	\$338.69
Functional Analyst	\$131.32
Help Desk Support	\$43.01
Network Engineer Sr	\$131.43
Program Manager	\$172.66
Project Administrator	\$88.19
Project Manager	\$105.69
Project Manager - Full Performer	\$73.70
Quality Assurance Analyst	\$107.40
Quality Assurance Analyst - SME	\$146.70
Security Specialist	\$120.03
Senior Functional Analyst	\$140.81
Senior SME	\$260.53
Senior Web Developer	\$140.69
Software Developer	\$103.33
Software Developer - Expert	\$117.84
Software Engineer	\$152.81
Sr. Documentation Specialist	\$74.35
Systems Administrator	\$151.12
Systems Administrator - Developmental	\$85.22
Systems Engineer	\$147.99