



**GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE CATALOG/PRICE LIST**

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

SCHEDULE TITLE: Federal Supply Schedule 70: General Purpose Commercial Information Technology Equipment, Software, and Services

CONTRACT NUMBER: GS-35F-0047L

CONTRACT PERIOD: October 1, 2010 – September 30, 2020

Price List Current through Modification: PS-0029, dated April 18, 2016

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

CONTRACTOR: LCG Systems, LLC
6000 Executive Boulevard, Suite 410
Rockville, MD 20582-3803
Phone number: 301-984-4004
Fax number: 301-984-0268
Email: contracts@lcginc.com
Internet: www.lcginc.com

BUSINESS SIZE: Small Business

CUSTOMER INFORMATION:

1a. TABLE OF AWARDED SPECIAL ITEM NUMBER (SIN)

SIN	DESCRIPTION
132-51	Information Technology (IT) Professional Services

1b. LOWEST PRICED ITEM

SIN	PRODUCT NO.	PRICE
132-51	Network Installation Technician	45.91

1c. HOURLY RATES: See pricing pages

2. MAXIMUM ORDER*: 132-51 \$500,000 per order per SIN

*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, contract the aforementioned contractor 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:** \$100.00
4. **GEOGRAPHIC COVERAGE:** In addition to the 48 contiguous states and the District of Columbia, LCG Systems provides IT services in Alaska, Hawaii, and Puerto Rico.
5. **POINT(S) OF PRODUCTION:** US
6. **DISCOUNT FROM LIST PRICES:** All prices included herein are NET. Discounts have been deducted.
7. **QUANTITY DISCOUNT(S):** None
8. **PROMPT PAYMENT TERMS:** Net 30 days
- 9a. **GOVERNMENT PURCHASE CARDS MUST BE ACCEPTED AT OR BELOW THE MICRO-PURCHASE THRESHOLD.**
- 9b. **GOVERNMENT PURCHASE CARDS ARE ACCEPTED ABOVE THE MICRO-PURCHASE THRESHOLD.**
10. **FOREIGN ITEMS:** N/A
- 11a. **TIME OF DELIVERY:** As negotiated at time of order.
- 11b. **EXPEDITED DELIVERY:** Contact Contractor
- 11c. **OVERNIGHT AND 2-DAY DELIVERY:** Contact the Contractor for rates.
- 11d. **URGENT REQUIREMENTS:** Agencies can contact the Contractor's representative to effect a faster delivery. Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.
12. **FOB POINT:** Destination
- 13a. **ORDERING ADDRESS:** LCG Systems, LLC
6000 Executive Boulevard, Suite 410
Rockville, MD 20852-3803
Fax: (240) 235-7168
Attn: Corporate Controller
- 13b. **ORDERING PROCEDURES:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (PBA's) are found in Federal Acquisition Regulation (FAR) 8.405-3
14. **PAYMENT ADDRESS:** LCG Systems, LLC
6000 Executive Boulevard, Suite 410
Rockville, MD 20852-3803
Attn: Corporate Controller
15. **WARRANTY PROVISION:** SIN 132-51 Standard Commercial Warranty
16. **EXPORT PACKING CHARGES:** N/A.



17. **TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:** (any thresholds above the micro-purchase level). LCG Systems, LLC will accept payment by the Government Purchase Card in accordance with the requirements of Clause 552.232-79 for sales under and above the micro-purchase threshold of \$3,000.
18. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE):** N/A
19. **TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):** N/A.
20. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LIST AND ANY DISCOUNTS FROM THE LIST PRICES (IF APPLICABLE):** Not offered
- 20a. **TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):** N/A
21. **LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):** N/A
22. **LIST OF PARTICIPATING DEALERS (IF APPLICABLE):** N/A
23. **PREVENTIVE MAINTENANCE (IF APPLICABLE):** N/A
- 24a. **SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g., recycled content, energy efficiency, and/or reduced pollutants):** None
- 24b. **SECTION 508 COMPLIANCE FOR EIT:** www.lcgsystems.com
25. **DUNS NUMBERS:** 79-892-9464
26. **NOTIFICATION REGARDING REGISTRATION IN CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE:** Registration valid until August 16, 2016.



	October 26, 2015 - October 25, 2016	October 26, 2016 - October 25, 2017	October 26, 2017 - October 25, 2018	October 26, 2018 - October 25, 2019	October 26, 2019 - October 25, 2020
LABOR CATEGORY	LABOR RATE (including IFF)				
Application Engineer	\$64.49	\$65.65	\$66.83	\$68.03	\$69.26
Computer Security Analyst	\$93.52	\$95.20	\$96.91	\$98.65	\$100.43
Computer Security System Specialist	\$88.82	\$90.42	\$92.06	\$93.71	\$95.39
Data Security Specialist	\$88.43	\$90.02	\$91.64	\$93.29	\$94.98
Desktop Engineer II	\$57.61	\$58.65	\$59.70	\$60.78	\$61.88
Help Desk Manager	\$71.64	\$72.93	\$74.24	\$75.58	\$76.94
Help Desk Specialist	\$49.13	\$50.01	\$50.91	\$51.83	\$52.76
Junior Applications Programmer	\$63.31	\$64.45	\$65.61	\$66.79	\$67.99
Internet/E-Commerce Engineer	\$113.62	\$115.66	\$117.75	\$119.86	\$122.02
Local Area Network Administrator	\$72.69	\$74.00	\$75.33	\$76.69	\$78.07
Network Administrator	\$65.77	\$66.96	\$68.17	\$69.40	\$70.65
Network Installation Technician	\$45.91	\$46.74	\$47.58	\$48.44	\$49.32
Program Manager I	\$142.61	\$145.18	\$147.79	\$150.45	\$153.16
Program Manager II	\$135.20	\$137.63	\$140.11	\$142.63	\$145.20
Project Manager	\$102.68	\$104.53	\$106.41	\$108.33	\$110.28
Senior Application Engineer	\$89.61	\$91.22	\$92.86	\$94.53	\$96.24
Senior Computer Security Systems Specialist	\$111.45	\$113.45	\$115.50	\$117.58	\$119.69
Senior Computer Systems Analyst	\$100.07	\$101.88	\$103.71	\$105.58	\$107.48
Senior Database Specialist	\$89.46	\$91.07	\$92.71	\$94.38	\$96.09
Senior Functional Analyst	\$124.13	\$126.37	\$128.65	\$130.96	\$133.32
Senior Help Desk Specialist	\$67.30	\$68.51	\$69.74	\$71.00	\$72.28
Senior Network Engineer	\$82.93	\$84.42	\$85.94	\$87.49	\$89.06
Senior Network Installation Technician	\$60.81	\$61.91	\$63.03	\$64.17	\$65.33
Senior Software Developer	\$102.62	\$104.47	\$106.35	\$108.27	\$110.21
Senior Systems Architect	\$103.88	\$105.76	\$107.66	\$109.60	\$111.57
Software System Engineer	\$75.54	\$76.90	\$78.28	\$79.69	\$81.12
Subject Matter Expert I	\$111.91	\$113.93	\$115.98	\$118.07	\$120.19
Subject Matter Expert III	\$127.66	\$129.96	\$132.29	\$134.67	\$137.10
Subject Matter Expert V	\$151.71	\$154.44	\$157.22	\$160.05	\$162.93
Systems Designer V	\$90.80	\$92.43	\$94.09	\$95.78	\$97.51
Systems Engineer IV	\$78.99	\$80.41	\$81.86	\$83.33	\$84.83
Systems Engineer V	\$96.78	\$98.52	\$100.30	\$102.10	\$103.93
Technical Writer	\$61.11	\$62.21	\$63.33	\$64.47	\$65.63
Telecommunications Engineer	\$99.99	\$101.80	\$103.63	\$105.50	\$107.39
Web Software Developer	\$88.37	\$89.96	\$91.58	\$93.23	\$94.92



LABOR CATEGORY DESCRIPTIONS

Application Engineer

Minimum/General Experience: 3 years of experience in the field or in a related area.

Functional Responsibility: Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical direction to programmers to ensure program deadlines are met.

Minimum Education: BA/BS

Computer Security Analyst

Minimum/General Experience: 4 years of experience in the field or in a related area.

Functional Responsibility: Analyzes and defines security requirements for Multilevel Security (MLS) issues. Designs, develops, engineers, and implements solutions to MLS requirements. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses which also includes risk assessment.

Minimum Education: BA/BS

Computer Security Systems Specialist

Minimum/General Experience: 3 years of experience in the field or in a related area.

Functional Responsibility: Analyzes and defines security requirements for Multilevel Security (MLS) issues. Designs, develops, engineers, and implements solutions to MLS requirements. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses which also includes risk assessment.

Minimum Education: BA/BS

Data Security Specialist

Minimum/General Experience: 2 years of experience in the field or in a related area.

Functional Responsibility/Description: Responsible for designing and implementing IT security systems. Maintains systems to protect data from unauthorized users and malicious code. Identifies, reports and resolves security violations. Familiar with standard concepts, practices, regulations and procedures within the information security field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.

Minimum Education: BA/BS

Desktop Engineer II

Minimum/General Experience: 2 years of experience in the field or in a related area.

Functional Responsibility: Provides technical assistance and training to end users. Responds to users' requests for assistance by phone and in person. Installs and modifies personal computer and network hardware and software.



Diagnoses hardware, software, and operator problems and takes remedial actions or recommends procedural changes. Serves as the initial point of contact for troubleshooting hardware/software PC and printer problems.

Minimum Education: Associate's

Help Desk Manager

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility:

Provides daily supervision and direction to staff who are responsible for phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and applications developed or deployed under this contract. These personnel serve as the first point of contact for troubleshooting hardware/software PC and printer problems.

Minimum Education: BA/BS

Help Desk Specialist

Minimum/General Experience: 1 year of experience in the field or in a related area.

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and enterprise applications developed under this contract. Serves as the initial point of contact for troubleshooting hardware/software PC and printer problems.

Minimum Education: Associate's

Internet/E-Commerce Engineer

Minimum/General Experience: 6 years of experience in the field or in a related area.

Functional Responsibility/Description: Reviews, analyzes, and modifies programming systems including encoding, testing, debugging and installing to support an organization's application systems. Consults with users to identify current operating procedures and to clarify program objectives. May be expected to write documentation to describe program development, logic, coding, and corrections. Writes manuals for users to describe installation and operating procedures. Must have a working knowledge of relational databases and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a project leader or manager. A wide degree of creativity and latitude is expected.

Minimum Education: BA/BS

Junior Applications Programmer

Minimum/General Experience: 2 years of experience in the field or in a related area.

Functional Responsibility: Develops software using formal specifications, data flow diagrams, other accepted design techniques and Computer Aided Software Engineering (CASE) tools. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Reviews existing programs and assists in making refinements, reducing operating time, and improving current techniques.



Minimum Education: BA/BS

Local Area Network (LAN) Administrator

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility/Description: Familiar with a variety of the field's concepts, practices and procedures. Relies on experience and judgment to plan and accomplish goals. Supports, monitors, tests and troubleshoots hardware and software problems pertaining to LAN networks and the associated computing systems connected to the LAN. Recommends and schedules repairs. Provides end users support for all LAN- based applications. Installs and configures workstations. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a project leader or manager. A wide degree of creativity and latitude is expected.

Minimum Education: Associate's

Network Administrator

Minimum/General Experience: 2 years of experience in the field or in a related area.

Functional Responsibility: Installs, configures, and supports internal and/or external networks. Develops and maintains all operating systems, applications, security, and network configurations. Troubleshoots and resolves network performance issues and creates and maintains a disaster recovery plan. Recommends upgrades, patches, and new applications and equipment. Provides technical support in the installation and maintenance of employer's or customer's LAN. Typically reports to a supervisor or manager.

Minimum Education: BA/BS

Network Installation Technician

Minimum/General Experience: 1 year of experience in the field or in a related area.

Functional Responsibility: Conducts site surveys. Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Follows engineering plans and site installation Technical Design Packages. Develops installation schedules. Works with network installation team. Assists in the preparation of drawing and documenting configuration changes at each site. Prepares site installation and test reports.

Minimum Education: BA/BS

Program Manager I

Minimum/General Experience: 8 years of experience in the field or in a related area.

Functional Responsibility: Serves as the contractor's single contract manager, and shall be the contractor's authorized interface with the Government Contracting Officer (CO), the contract level Contracting Officer's Representative (COR), government management personnel and customer agency representatives. Responsible managing all aspects of complex, multi-task programs. Responsible for developing project deliverables. Has oversight of project managers, task managers, project staff, and subcontractors. Formulates and enforces work standards, assigning contractor schedules, review work discrepancies, manages quality standards, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. Responsible for applying industry best practices and standards to program execution. Shall be responsible for the all aspects of program performance, including cost, schedule, and quality.

Minimum Education: BA/BS



Program Manager II

Minimum/General Experience: 10 years of experience in the field or in a related area.

Functional Responsibility: Serves as the contractor's program manager for tasks and subtasks, and shall be the contractor's authorized interface with the Government Contracting Officer (CO), the contract level Contracting Officer's Representative (COR), government management personnel and customer agency representatives. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. Shall be responsible for the overall contract performance.

Minimum Education: BA/BS

Project Manager

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility: Serves as the project manager for a large task (or a group of tasks) and shall interface with the Government Contracting Officer (CO), the contract-level Contracting Officer's Representative (COR), the delivery order-level COR(s), government management personnel and customer agency representatives. Under the guidance of the Program Manager, responsible for the overall management of the specific delivery order(s) and insuring that the technical solutions and schedules in the delivery order are implemented in a timely manner.

Minimum Education: BA/BS

Senior Application Engineer

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility: Analyzes and studies complex system requirements. Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manages software development and support using formal specifications, data flow diagrams, other accepted design techniques and Computer Aided Software Engineering (CASE) tools. 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: BA/BS

Senior Computer Security Systems Specialist

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility: Analyzes and defines security requirements for Multilevel Security (MLS) issues. Designs, develops, engineers, and implements solutions to MLS requirements. Responsible for the implementation and development of the MLS. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses which also includes risk assessment. Provides daily supervision and direction to staff.

Minimum Education: BA/BS

Senior Computer Systems Analyst

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility: 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, and for progress in accordance with schedules. Coordinates with the Project and/or Program Manager to ensure problem solution and user satisfaction. Make 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. Provides daily supervision and direction to support staff.

Minimum Education: BA/BS

Senior Database Specialist

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility/Description: Reviews, analyzes, and modifies functional requirements of programming systems. Consults with users to identify current operating procedures and to clarify program objectives. May be expected to write documentation to describe program development, logic, coding, and corrections. Develops system architectures. Writes manuals for users to describe installation and operating procedures. Must have a working knowledge of relational databases and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a project leader or manager. A wide degree of creativity and latitude is expected.

Minimum Education: BA/BS

Senior Functional Analyst

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility/Description: Reviews, analyzes, and modifies functional requirements of programming systems. Develops system architectures based on analysis of requirements. Analyze user needs to determine functional and cross functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Provides daily supervision and direction to support staff. Consults with users to identify current operating procedures and to clarify program objectives. May be expected to write documentation to describe program development, logic, coding, and corrections. Writes manuals for users to describe installation and operating procedures. Must have a working knowledge of relational databases and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a project leader or manager. A wide degree of creativity and latitude is expected.

Minimum Education: BA/BS

Senior Help Desk Specialist

Minimum/General Experience: 2 years of experience in the field or in a related area.

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and enterprise applications developed under this contract. Serves as the initial point of contact for troubleshooting hardware/software PC and printer problems. Serves as the back-up Helpdesk Manager.

Minimum Education: Associate's

Senior Network Engineer

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility: Designs, configures, implements, manages and evaluates the performance of communication hardware and software, including Inter- and Intranets, WANs, and LANs. Performs technical



leadership in the integration and test of complex large scale computer integrated networks. Schedules conversions and cut-overs. Oversees network control center. Supervises maintenance of systems. Coordinates with all responsible users and sites. Supervises technical staff.

Minimum Education: MA/MS

Senior Network Installation Technician

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility: Organizes and directs network installations on site surveys. Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Directs and leads preparation of engineering plans and site installation Technical Design Packages. Develops installation schedules. Mobilizes network installation team. Directs and leads preparation of drawings documenting configuration changes at each site. Prepares site installation and test reports. Coordinates post installation operations and maintenance support.

Minimum Education: BA/BS

Senior Software Developer

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility/Description: Reviews, analyzes, and modifies programming systems including encoding, testing, debugging and installing to support an organization's application systems. Consults with users to identify current operating procedures and to clarify program objectives. May be expected to write documentation to describe program development, logic, coding, and corrections. Writes manuals for users to describe installation and operating procedures. Must have a working knowledge of relational databases and client-server concepts. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a project leader or manager. A wide degree of creativity and latitude is expected.

Minimum Education: BA/BS

Senior Systems Architect

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility: Establishes system information requirements using analysis of the information engineer(s) in the development of enterprise-wide or large-scale information systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures these systems are compatible and in compliance with the standards for open systems architectures, the Open Systems Interconnection (OSI) and International Standards Organization (ISO) reference models, and profiles of standards - such as Institute of Electrical and Electronic Engineers (IEEE) Open Systems Environment (OSE) reference model - as they apply to the implementation and specification of Information Management (IM) solution of the application platform, across the application program interface (API), and the external environment/software application. Evaluates analytically and systematically problems of workflows, organization, and planning and develops appropriate corrective action. Provides daily supervision and direction to staff.

Minimum Experience: BA/BS

Software Systems Engineer

Minimum/General Experience: 3 years of experience in the field or in a related area.



Functional Responsibility: Provides identification/fixing of problems within existing software, design/implementation of new systems and enhancement of existing applications. Participates in analysis, design and new construction of next generation IT applications. Responsible for understanding the needs of the customers and the realities of commercially available IT products, and creating requirements that will allow implementation by the development team and COTS products. Experience as a systems engineer and a software developer on one or more OSS (Operational Software Systems) is preferred. Must have solid technical background with a focus on software and systems. General knowledge of telecommunications (ex. - TCP/IP, OIS/CMIP/X25), computer languages (ex. - C++, SQL, V/Basic), operating systems (ex. - Windows, NT, UNIX), database/DBMS (ex. - Oracle, Access, Sybase) and applications (ex. - Tivoli, PeopleSoft, etc.) is required. General knowledge of how customers use IT solutions.

General Experience/Education Requirements: BA/BS

Subject Matter Expert I

Minimum/General Experience: 7 years of experience in area of expertise.

Functional Responsibility/Description: Performs tasks of a moderate degree of difficulty with minimal supervision. Possesses requisite knowledge and expertise so recognized in the Information Technology Industry and professional community to qualify the individual as an expert in the field. Analyzes technical, performance and cost impacts of approaches and solutions to meet client's needs. Performs functional allocation to identify required technical, performance or functional tasks and interrelationships to meet the organization best practices. Identifies resources required for each task. Possesses requisite knowledge and expertise so recognized in the professional community that the Government is able to qualify the individual as an expert in the field for an actual TO. Demonstrates exceptional oral and written communication skills. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas providing process changes to address new solutions and technologies. May establish performance and technical and business architectures that solve client needs and represent advanced concepts in a specified subject area. Generates and approves project and testing specifications. May Provides technical guidance for other project team members.

Minimum Education: BA/BS

Subject Matter Expert III

Minimum/General Experience: 8 years of experience in area of expertise.

Functional Responsibility/Description: Performs tasks with high degree of complexity with minimal supervision. Possesses requisite knowledge and expertise so recognized in the Information Technology Industry and professional community to qualify the individual as an expert in the field. Advanced level experience in developing scenarios for analyzing technical, performance and cost impacts of approaches and solutions to meet client's needs. Advanced experience in performing allocation to identify required technical, performance or functional tasks and their interrelationships to meet organization best practices. Identifies resources required for each task. Possesses requisite knowledge and expertise so recognized in the professional community that the Government is able to qualify the individual as an expert in the field for an actual TO. Demonstrates exceptional oral and written communication skills. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas providing process changes to address new solutions and technologies. Develops and recommends performance and technical and business architectures that solve client needs and represents advanced concepts in a specified subject area. Results of work are technically authoritative. Specific responsibilities will vary according to client's needs and requirements.

Minimum Education: MA/MS

Subject Matter Expert V



Minimum/General Experience: 10 years of experience in area of expertise.

Functional Responsibility/Description: Performs very complex tasks with minimal supervision. Possesses requisite knowledge and expertise so recognized in the Information Technology Industry and professional community to qualify the individual as an expert in the field. Expert level experience in developing scenarios for analyzing technical, performance and cost impacts of approaches and solutions to meet client's needs. Expert in performing allocation to identify required technical, performance or functional tasks and their interrelationships to meet organization best practices. Identifies resources required for each task. Possesses requisite knowledge and expertise so recognized in the professional community that the Government is able to qualify the individual as an expert in the field for an actual TO. Demonstrates exceptional oral and written communication skills. Ensures that the client is maximizing the impacts and potential of new systems. Specific responsibilities will vary according to client's needs and requirements.

Minimum Education: MA/MS

Systems Designer V

Minimum/General Experience: 8 years of experience in the field or in a related area.

Functional Responsibility/Description: Provides expert consultation in one or more areas for the design of technical systems. Recognized as technical leader and resource. Recommends alterations and enhancements to improve quality of systems. Responsible for all internal activities and system design. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May provide consultation on complex projects and is considered to be the top level contributor/specialist. A wide degree of creativity and latitude is expected. May report to an executive or a manager.

Minimum Education: BA/BS

Systems Engineer IV

Minimum/General Experience: 5 years of experience in the field or in a related area.

Functional Responsibility/Description: Primarily responsible for the implementation of technology infrastructure throughout a project life cycle. specific tasks include : System sizing, facilitating IT Infrastructure workshops, presenting logical and physical system architecture, deployment planning, system installation and configuration, liaison with operations (Windows and Unix SAs / DBAs), and physical database implementation and tuning. Install and deploy solutions in a customer environment. This includes coordinating with customer technical resources to ensure that third party products are correctly configured for integration with the Platform. Support all phases of deploying the solution at customers sites including initial installation, patches and upgrades, scenario tuning, UAT and go-live. Interact with data miners, database engineers and development teams to ensure the successful deployment of the Solutions. Discuss and document configuration of client environment. Write technical specifications for off-the-shelf and custom-designed products; evaluate vendor proposals and select products that meet all requirements. Perform detail system design, including generation of block diagrams, parts lists, system interconnect drawings, wire-run lists, detail drawings and assembly drawings. Generate system documentation, including test procedures, training documentation, and maintenance manuals. Evaluate and approve vendor documentation. Look at engineering problems at system level (rather than at task level). Articulate possible solutions in the form of Engineering or Systems Specs, quantify impact in terms of cost, time, dependencies, side-effects, and develop proposals. Leads and directs the work of others. A wide degree of creativity and latitude is expected. May report to an executive or a manager.

Minimum Education: BA/BS

Systems Engineer V



Minimum/General Experience: 7 years of experience in the field or in a related area.

Functional Responsibility/Description: Primarily responsible for the implementation of technology infrastructure throughout a project life cycle. Specific tasks include : system sizing, facilitating IT Infrastructure workshops, presenting logical and physical system architecture, deployment planning, system installation and configuration, liaison with operations (Windows and Unix SAs / DBAs), and physical database implementation and tuning. Install and deploy solutions in a customer environment. This includes coordinating with customer technical resources to ensure that third party products are correctly configured for integration with the Platform. Support all phases of deploying the solution at customers sites including initial installation, patches and upgrades, scenario tuning, UAT and go-live. Interact with data miners, database engineers and development teams to ensure the successful deployment of the Solutions. Discuss and document configuration of client environment. Write technical specifications for off-the-shelf and custom-designed products; evaluate vendor proposals and select products that meet all requirements. Perform detail system design, including generation of block diagrams, parts lists, system interconnect drawings, wire-run lists, detail drawings and assembly drawings. Generate system documentation, including test procedures, training documentation, and maintenance manuals. Evaluate and approve vendor documentation. Look at engineering problems at system level (rather than at task level). Articulate possible solutions in the form of Engineering or Systems Specs, quantify impact in terms of cost, time, dependencies, side-effects, and develop proposals. Leads and directs the work of others. May report to an executive or a manager.

Minimum Education: BA/BS

Technical Writer/Editor

Minimum/General Experience: 3 years of experience in the field or in a related area.

Functional Responsibility: Assists in collecting and organizing information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents.

Minimum Education: BA/BS

Telecommunications Engineer

Minimum/General Experience: 8 years of experience in the field or in a related area.

Functional Responsibility/Description: Analyzes telecommunications functions of organizations. Works to develop, improve, maintain and implement network. Provides support in the translation of business requirements into telecommunications requirements, designs and orders. Provides in-depth engineering analysis of telecommunications alternatives for government agencies in support of their strategic modernization efforts. Provides telecommunications enhancement designs for medium and large-scale telecommunication infrastructures. Provides interface support to telecommunications end users, telecommunications operations personnel and telecommunications strategic program management.

Minimum Education: BA/BS

Web Software Developer

Minimum/General Experience: 3 years of experience in the field or in a related area.

Functional Responsibility: Provide support to develop Web based applications including on line customer service to transform government agencies to be able to deliver their services on line. Provide support in developing the site concept, interface design, and architecture of the web-site. Provide support for the implementation of interfaces to applications. Working knowledge and experience coding in Java is required. Knowledge of several of the following



areas is desirable: Active Server Pages (ASP), JavaScript, and SQL Server, Visual Basic, JavaScript, Access, HTML, DBMS's (ex. - Oracle, Sybase, etc.).

Minimum Experience: BA/BS

Experience/Education Substitutions

Unless otherwise stated within the Minimum/General Experience or Minimum Education, the substitutions in the following table will be acceptable.

Additional years of formal education, that exceed the minimum requirements for a position, can be used to fulfill the minimum experience level.

Additional relevant experience that exceeds the minimum requirements for a position can be used to fulfill the minimum education requirements.

2 Years' Experience	Equals	Associate's Degree
2 Years' Experience + Associate's Degree	Equals	BA/BS Degree
4 Years' Experience	Equals	BA/BS Degree
2 Years' Experience + BA/BS Degree	Equals	MA/MS Degree
6 Years' Experience	Equals	MA/MS Degree
4 Years' Experience + MA/MS Degree	Equals	PhD