

GENERAL SERVICES ADMINISTRATION

Federal Supply Service Authorized Federal Supply Schedule 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 are available through GSA Advantage! ®, a menu-driven database system. The INTERNET address of GSA Advantage! ® is: GSAAvantage.gov.

INFORMATION TECHNOLOGY SCHEDULE PRICELIST GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT, SOFTWARE AND SERVICES

FSC Group 70
FSC Class – 7010

Contract Number: GS35F0192X

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

Contract Period:
January 24, 2021 – January 23, 2026

Unitech Consulting, LLC
d.b.a Chameleon Integrated Services
3207 Washington Ave
St. Louis, MO 63103
Telephone: 314-773-7200
www.chameleonis.com
TIN: 20-0126792

Small Disadvantaged Business

1. Awarded SINs:	54151S (IT Professional Services)
1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply.	See Appendix A
1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item.	See Appendix B
2. Maximum Order.	\$500,000
3. Minimum Order.	\$100
4. Geographic Coverage.	48 Contiguous States
5. Point(s) of Production.	United States of America
6. Discount from List Prices.	Prices shown are NET; Basic discounts have been deducted.
7. Quantity Discount.	N/A
8. Prompt payment terms. Credit Card Discount terms.	Net <u>% - 30</u> days from receipt of invoice or date of acceptance, whichever is later and <u>2%</u> @ 20 days from receipt of invoice or date of acceptance, whichever is later.
9a. Government Purchase cards accepted at or below micro purchase threshold.	Yes
9b. Government Purchase cards accepted above micro purchase threshold.	Yes
10. Foreign Items.	None
11a. Time of delivery.	Negotiated at the task order level
11b. Expedited delivery.	N/A
11c. Overnight and 2-day delivery.	N/A
11d. Urgent Requirements.	Negotiated at the task order level
12. F.O.B. point(s).	Destination
13a. Ordering address(es).	3207 Washington Ave. St. Louis, MO 63103
13b. Ordering procedures.	For specific ordering procedures, contact: Mary Burgess 3207 Washington Ave.

14. Payment address(es).	St. Louis, MO 63103 3207 Washington Ave. St. Louis, MO 63103
15. Warranty Provision.	N/A
16. Export Packing Charges.	N/A
17. Terms and conditions of Government purchase card acceptance.	Accepted for above, at or below the micro purchase threshold.
18. Terms and conditions of rental, maintenance, and repair.	N/A
19. Terms and conditions of installation.	N/A
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices.	N/A
20a. Terms and conditions for any other services.	See Appendix C
21. List of service and distribution points.	N/A
22. List of participating Dealers.	N/A
23. Preventative maintenance.	N/A
24a. Special attributes such as environmental attributes.	N/A
24b. Section 508.	Unitech (Chameleon) complies with Section 508 compliance as required at the task order level
25. Data Universal Number System (DUNS) number.	14-746-3454
26. Notification regarding registration in System for Award Management (SAM) database.	Active

Appendix A: Labor Rates

Unitech Consulting LLC (d.b.a Chameleon Integrated Services)

Confidential

LABOR CATEGORY	GSA Price with Industrial Funding Fee (IFF) GOVT Site and Offsite
Program Manager	\$108.37
Project Manager	\$78.79
IT Subject Matter Expert	\$125.27
Database Administrator I	\$77.58
Database Administrator II	\$98.11
Programmer/Database Analyst I	\$63.76
Programmer/Database Analyst II	\$72.65
Programmer/Database Analyst III	\$89.77
Database Architect	\$94.61
Information Assurance Analyst I	\$33.67
Information Assurance Analyst II	\$47.86
Senior Systems Engineer	\$93.93
Intermediate Systems Engineer	\$80.60
Junior Systems Engineer	\$68.43
Software Engineer I	\$54.25
Software Engineer II	\$68.43
Software Engineer III	\$84.13
Network Engineer I	\$59.47
Network Engineer II	\$68.43
Network Engineer III	\$89.77
Program Analyst I	\$51.37
Program Analyst II	\$63.57
Program Analyst III	\$81.50
Help Desk Manager/Help Desk Specialist III	\$55.41

LABOR CATEGORY	GSA Price with Industrial Funding Fee (IFF) GOVT Site and Offsite	GSA Price
Help Desk Specialist I	\$33.22	
Help Desk Specialist II	\$38.14	
Web Developer I	\$56.75	
Web Developer II	\$74.28	
Web Developer III	\$95.35	
Information Technology Specialist I	\$40.26	
Information Technology Specialist II	\$44.91	
Information Technology Specialist III	\$52.53	
Information Technology Specialist IV	\$89.41	
Tape Librarian	\$33.75	
System Administrator I	\$42.32	
System Administrator II	\$59.47	
System Administrator III	\$86.18	
IT Technician	\$30.23	
Systems Administrator	\$90.50	
Principal Information Assurance SME	\$146.48	
Network Installation Technician (Communication)	\$76.21	
Principal Systems Architect	\$145.93	
Senior Collaboration Engineer	\$97.66	
Senior Information Assurance (IA) Analyst	\$109.29	
Senior Network Installation Technician	\$83.84	
Senior Staff Solutions Engineer	\$90.81	
Technical Writer	\$80.02	
Test Engineer (Lead)	\$76.08	
Subject Matter Expert (Lead)	\$198.10	
Subject Matter Expert (Intermediate)	\$177.32	

Subject Matter Expert (Associate)	\$165.59
Network Engineer (Lead)	\$95.51
Intermediate Information Assurance Analyst	\$96.04
Senior Systems Architect	\$93.75

Note: Above rates are hourly rates for the above labor categories, including IFF and do not include any materials

Appendix B: Labor Category Descriptions

Unitech Consulting, LLC (d.b.a Chameleon Integrated Services) offers the following Labor Category Descriptions to support the effort contemplated herein.

Education Substituted for Experience: Each formal degree (i.e., Ph.D., master's, or Bachelor's.) may be substituted for 4 years of experience.

1. Program Manager

Functional Responsibilities: Manages substantial contract support operations involving multiple projects. Organizes, directs, and coordinates planning and production of all contract support activities. Must have demonstrated communications skills at all levels of management. Serves as the contractor's authorized interface with the Contracting Officer's Technical Representative (COTR), government management personnel, and client 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 subordinate personnel. Responsible for overall contract performance. Under stringent time frames, assembles and recruits as necessary to perform assigned tasks. Demonstrated capability in the overall management of multi-task contracts of the size, type, and complexity as described in the Task Order.

Education/Experience: Bachelor's degree in Computer Information Systems or Business Administration and 8 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education.

2. Project Manager

Functional Responsibilities: Manages substantial contract support operations involving multiple projects. Organizes, directs, and coordinates planning and production of all contract support activities. Must have demonstrated communications skills at all levels of management. Serves as the contractor's authorized interface with the Contracting Officer's Technical Representative (COTR), government management personnel, and client 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 subordinate personnel. Responsible for overall contract performance. Under stringent time frames, assembles and recruits as necessary to perform assigned tasks. Demonstrated capability in the overall management of multi-task contracts of the size, type, and complexity as described in the Task Order.

Education/Experience: Bachelor's degree and 6 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education.

3. Subject Matter Expert

Functional Responsibilities: Analyzes user needs to determine functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Possesses requisite knowledge and expertise to qualify the individual as an expert in the field. Demonstrates exceptional oral and written communication skills. Confers with client management to understand the client's strategic information technology business goals and information technology strategy. Analyzes client requirements and recommends development or acquisition strategies. Assists clients in developing strategic plans and concepts. Advises client on the impact of new legislation or new technologies that are relevant to their agency. Demonstrates exceptional oral and written communication skills. Possesses requisite knowledge and expertise so recognized in the professional community that the individual is considered "expert" in the technical/specialty area being addressed.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business or other related scientific or technical discipline. Eight years of experience as an industry/functional consultant, of which at least seven years of specialized experience in determining information technology effects on the organizational structure and determining the ability that IT can support/meet organizational goals

4. Database Administrator I

Functional Responsibilities: Ensures efficient operation of a multi-computer site that supports database administration, analysis, and report production; data dictionary administration; and system development. Performs database administration, backups and recoveries, and works with users to resolve database questions or problems. Coordinates systems resource availability with database analysts, system and application programmers, and other users. Provides advice and assistance to users on equipment operations. Maintains and updates Oracle, SQL Server, Sybase, Informix, DB2, and IDMS databases and data dictionaries. May provide guidance and direction to less experienced database administrators.

Education/Experience: Bachelor's degree in computer information systems, engineering, business, or other related technical or scientific discipline and 5 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education.

5. Database Administrator II

Functional Responsibilities: Ensures efficient operation of a multi-computer site that supports database administration, analysis, and report production; data dictionary administration; and system development. Performs database administration, backups and recoveries, and works with users to resolve database questions or problems. Coordinates systems resource availability with database analysts, system and application programmers, and other users. Provides advice and assistance to users on equipment operations. Maintains and updates databases and data dictionaries. May provide assistance to less experienced database administrators.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With a Master's Degree (in the fields described in Minimum Education): one-year experience must be specialized experience in database administration and/or operations.

With 7 years general experience of which three years is specialized in computer systems administration, administrating databases and data base operations, a degree is not required.

6. Programmer/Database Analyst I

Functional Responsibilities: Assists more experienced database analysts/programmer in the design, implementation, and maintenance of databases, collection of data elements, and preparation of database specifications. Helps to develop, maintain, and control the data dictionary.

Education/Experience: Bachelor's degree in computer information systems, engineering, business, or other related technical or scientific discipline and 2 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education. Entry-level position, knowledge in data base design and system analysis, Federal Systems system software internals and data manipulation languages.

7. Programmer/Database Analyst II

Functional Responsibilities: Provides guidance in the use of database management systems. Designs, implements, and maintains databases with respect to access methods and time, device allocation,

validation checks, file organization, indexing methods, protection and security, documentation, guidelines, and statistical methods. Collects data elements and prepares database specifications. Develops, maintains, and controls the data dictionary. May provide task direction to less experienced database programmers/analysts.

Education/Experience: Bachelor's degree in computer information systems, engineering, business, or other related technical or scientific discipline and 5 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education. Knowledge in data base design and system analysis, Federal Systems system software internals and data manipulation languages.

8. Programmer/Database Analyst III

Functional Responsibilities: Provides expertise and guidance in the use of database management systems. Designs, implements, and maintains databases with respect to access methods and time, device allocation, validation checks, file organization, indexing methods, protection and security, documentation, guidelines, and statistical methods. Establishes procedures for operations of the database and database management systems. Collects data elements and prepares database specifications. Develops, maintains, and controls the data dictionary. May include experience with database systems such as Sybase, Oracle, and Informix. May function as team leader and provide direction to less experienced database programmers/analysts.

Education/Experience: Bachelor's degree in computer information systems, engineering, business, or other related technical or scientific discipline. 2 years of additional IT experience may be substituted for each year of degree-level education. Seven years of experience in information technology, of which at least three years of specialized experience in data base design and system analysis, system software internals and data manipulation languages.

9. Database Architect

Functional Responsibilities: Provides technical and specialized Information Technology solutions to complex problems. Prepares elaborate analyses and studies. Prepares reports and gives presentations to high-level executives and managers. Participates in meetings, conferences, and workshops to advise users and management of transformation of legacy system architecture development and implementation issues. Works independently or as a member of a team. May serve as Task Order Project Leader.

Education/Experience: Bachelor's degree in computer information systems, engineering, business, or other related technical or scientific discipline. Ten years or more of direct experience in hands-on system architecture role in architecting transformation of legacy system architecture to an object oriented web-based design methodology in a centralized computing environment or architecting new functionality in an object oriented web-based enterprise methodology in a centralized computing environment. Ten or more years of direct specific experience in large scale automated system design/development. Experience in developing ecommerce applications for a Web deployment. Experience in the definition of the “enterprise-level” use cases, experience with development of use cases and common business services to establish an enterprise wide application framework. Expertise in architecture of open, portable, and scalable web-based applications. Experience in mentoring to a web-based environment. Has accumulated extensive experience with database and development tools capacity, (both character based and GUI based tools).

10. Information Assurance Analyst I

Functional Responsibilities: Assists more experienced analysts in analyzing and defining security requirements. Assists in performing risk analysis and security audit services and in developing analytical reports. May assist in performing in one or more of the following areas: AIS risk assessment methods and

procedures; security of system software generation; security of computer hardware; operating system utility/support software; disaster recovery and contingency planning; telecommunications security; development of AIS security policies and procedures.

Education/Experience: Bachelor's degree in computer information systems, engineering, business, or other related technical or scientific discipline and 1-2 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education. Entry-level position with knowledge in system engineering and/or design, design assurance or testing for INFOSEC products and system computer networking technology.

11. Information Assurance Analyst II

Functional Responsibilities: Analyzes and defines security requirements and designs, develops, engineers, and implements solutions. Performs risk analysis and security audit services, developing analytical reports as required. May be required to perform in one or more of the following areas: AIS risk assessment methods and procedures; security of system software generation; security of computer hardware; operating system utility/support software; disaster recovery and contingency planning; telecommunications security; development of AIS security policies and procedures.

Education/Experience: Bachelor's degree in computer information systems, engineering, business, or other related technical or scientific discipline and 3-4 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education. Knowledge in system engineering and/or design, design assurance or testing for INFOSEC products and system computer networking technology with at least three years of specialized experience in system engineering and/or design, design assurance or testing for INFOSEC products and system computer networking technology.

12. Senior Systems Engineer

Functional Responsibilities: Applies advanced, state-of-the-art information technology skills in the analysis, specification, design, development, integration, and acquisition of systems. Ensures systems and applications are compliant with applicable standards specified in task orders. Tests and installs COTS products and applications, and integrates them into the client's environment. Provides on-site support for minor requirements that do not meet functional specifications; modifies programs to be compliant with specifications. Assignments are generally highly complex in nature and may be in support of one or more of the following disciplines: communications engineering, electronic engineering, communications security, network analysis, ECM/ECCM, interoperability analysis, system standards, military operations, program analysis, programming, cost analysis. May have knowledge of document imaging, document management, and workflow COTS systems (e.g., InfoImage, Paragon). May provide team leadership or consulting support on complex tasks.

Education/Experience: A Master's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With a Ph.D. (in the fields described in Minimum Education below): two years of specialized experience. With a Bachelor's degree. (in the fields described in Minimum Education below) and seven years of general information technology experience and at least four years of specialized experience, a Master's degree is not required. Minimum/General Experience: Five years of experience in assignments involving complex systems, at least three years of specialized experience in communications engineering, electronic engineering, communications security, network analysis, ECM/ECCM, interoperability analysis, system standards, military operations, program analysis, programming, cost analysis

13. Intermediate Systems Engineer

Functional Responsibilities: Applies information technology skills in the analysis, specification, development, integration, and acquisition of systems. Ensures systems and applications are compliant with applicable standards specified in task orders. Tests and installs COTS products and applications, and integrates them into the client's environment. Provides on- site support for minor requirements that do not meet functional specifications; modifies programs to be compliant with specifications. Assignments are generally complex in nature and may be in support of one or more of the following disciplines: communications engineering, electronic engineering, communications security, network analysis, ECM/ECCM, interoperability analysis, system standards, military operations, program analysis, programming, cost analysis. May have knowledge of document imaging, document management, and workflow COTS systems (e.g., InfoImage, Paragon). May function as team leader for less experienced systems engineers.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

With a Master's degree. (in the fields described in Minimum Education below): two years of specialized experience. With eight years of general information technology experience and at least five years of specialized experience, a degree is not required. Minimum/General Experience: Five years of experience in assignments involving complex systems, at least three years of specialized experience in communications engineering, electronic engineering, communications security, network analysis, ECM/ECCM, interoperability analysis, system standards, military operations, program analysis, programming, cost analysis.

14. Junior Systems Engineer

Functional Responsibilities: Works with more experienced systems engineers in applying information technology skills in the analysis, specification, development, integration, and acquisition of systems. Ensures systems and applications are compliant with applicable standards specified in task orders. Tests and installs COTS products and applications, and integrates them into the client's environment. Provides on-site support for minor requirements that do not meet functional specifications; modifies programs to be compliant with specifications. Assignments are generally of moderate scope and may be in support of one or more of the following disciplines: communications engineering, electronic engineering, communications security, network analysis, ECM/ECCM, interoperability analysis, system standards, military operations, program analysis, programming, cost analysis. May provide task direction to less experienced systems engineers.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

With a Master's degree. (in the fields described in Minimum Education above):

With seven years of general information technology experience and at least four years of specialized experience, a degree is not required. Minimum/General Experience: Two years of experience in assignments involving complex systems and knowledge of specialized areas in communications engineering, electronic engineering, communications security, network analysis, ECM/ECCM, interoperability analysis, system standards, military operations, program analysis, programming, cost analysis.

15. Software Engineer I

Functional Responsibilities: Under general supervision, performs systems modeling, simulation, and analysis. Assists in the designs, development, troubleshooting, and analysis of software programs. Uses formal specifications, data flow diagrams, other accepted design techniques, and CASE tools to assist

more experienced software engineers in managing software development. Reviews existing programs and assists in making refinements, reducing operating time, and improving current techniques. Assignments are generally of limited scope and reviewed by more experienced engineers.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With 5 years of general information technology experience and at least two years of specialized experience, a degree is not required.

Minimum/General Experience: Entry-level position (2 years experience) with knowledge in use of structured analysis, design methodologies, design tools, and object oriented principles.

16. Software Engineer II

Functional Responsibilities: Performs systems modeling, simulation, and analysis on moderately complex assignments. Designs, develops, troubleshoots, and analyzes software programs. Uses formal specifications, data flow diagrams, other accepted design techniques, and CASE tools to assist more experienced software engineers in managing software development. Reviews existing programs and assists Federal in making refinements, reducing operating time, and improving current techniques. May provide task direction to lower level software engineers.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With five years of general information technology experience and at least two years of specialized experience, a degree is not required.

Minimum/General Experience: Five years of experience in systems engineering. At least one year of specialized experience in use of structured analysis, design methodologies, design tools, and object oriented principles.

17. Software Engineer III

Functional Responsibilities: Performs systems modeling, simulation, and analysis on moderately complex assignments. Designs, develops, troubleshoots, and analyzes complicated and difficult software programs. Working with more experienced software engineers, manages software development and support using formal specifications, data flow diagrams, other accepted design techniques, and CASE tools. Reviews existing programs and assists in making refinements, reducing operating time, and improving current techniques. May function as team leader for lower level software engineers.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With a Master's degree. (in the fields described in Minimum Education below): With seven years of general information technology experience and at least four years of specialized experience, a degree is not required. **Minimum/General Experience:** Seven years of experience in systems engineering. At least three years of specialized experience in use of structured analysis, design methodologies, design tools, and object oriented principles.

18. Network Engineer I

Functional Responsibilities: Applies advanced networking concepts in the analysis, study, and design of data networks. Analyzes network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput) and recommends procurement, removals, and modifications to network components. Designs and optimizes network topologies and site configurations. Plans installations, transitions, and cutovers of network components and capabilities. May review existing network designs and capabilities with the goal of making refinements, reducing operating overhead, enhancing network throughput, and improving current network topologies. May provide task direction to less experienced network engineers.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With a Master's degree. (in the fields described in Minimum Education below): With seven years of general information technology experience and at least four years of specialized experience, a degree is not required. Minimum/General Experience: Two years of experience in information technology, of which at least one year of specialized experience in protocol analysis, communication network system design and maintenance, and knowledge of communication protocols (i.e. TCP/IP, X.25, X.400, X.500).

19. Network Engineer II

Functional Responsibilities: Applies complex networking concepts in the analysis, study, and design of data networks. Analyzes network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput) and recommends procurement, removals, and modifications to network components. Designs and optimizes network topologies and site configurations. Diagnoses and remediates problems; plans installations, transitions, and cutovers of network components and capabilities. May review existing network designs and capabilities with the goal of making refinements, reducing operating overhead, enhancing network throughput, and improving current network topologies. May function as team leader for less experienced network engineers.

Education/Experience: A Bachelor's degree in Mathematics, Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's degree. (in the fields described in Minimum Education below): two years of specialized experience.

With eight years of general information technology experience and at least five years of specialized experience, a degree is not required. Minimum/General Experience: Five years of experience in information technology, of which at least three years of specialized experience in protocol analysis, communication network system design and maintenance, and knowledge of communication protocols (i.e. TCP/IP, X.25, X.400, X.500).

20. Network Engineer III

Functional Responsibilities: Applies extremely complex networking concepts in the analysis, study, and design of data networks. Analyzes network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput) and recommends procurement, removals, and modifications to network components. Designs and optimizes network topologies and site configurations. Plans and supervises installations, transitions, and cutovers of network components and capabilities. Reviews existing network designs and capabilities with the goal of making refinements, reducing operating overhead, enhancing network throughput, and improving current network topologies. Determines environmental and building power requirements for system design, types and gauges of cable for communications applications, installation and testing requirements, cross-connection on distribution equipment, intermediate distribution frames, wire closets, pin and jack arrangements, and cable inventory management systems. May provide team leadership or consulting support on complex tasks.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business or other related scientific or technical discipline. With a Master's Degree (in the fields described in Min. Education below): six years experience. With a PH.D. (in the fields described in Min. Education above): four years of experience With thirteen years IT experience and at least 8 years of specialized experience, a degree is not required Minimum/General Experience: Eight years of experience in information technology, of which at least four years of specialized experience in protocol analysis, communication network system design and maintenance, and knowledge of communication protocols (i.e. TCP/IP, X.25, X.400, X.500).

21. Programmer Analyst I

Functional Responsibilities: Under general supervision, analyzes and evaluates hardware and software solutions to meet the user's systems analysis and/or systems integration requirements. Coordinates with user to identify data availability, report requirements, and systems design problems. Defines system objectives and prepares system design specifications to meet user requirements and to satisfy interface problems. Assists with preparation of status reports and presentations. May provide direction to lower level systems analysts.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With seven years of general information technology experience and at least four years of specialized experience, a degree is not required.

Minimum/General Experience: Two years of experience, of which at least the last five years must be specialized in: analysis and design of business applications on complex systems, data base management, use of programming languages, and/or DBMS.

22. Programmer Analyst II

Functional Responsibilities: Analyzes, develops, tests, and/or modifies hardware and software solutions to meet the users systems analysis and/or systems integration requirements. Coordinates with user to identify data availability, report requirements, and systems design problems. Defines system objectives and prepares system design specifications to meet user requirements and to satisfy interface problems. Reviews work products for correctness, adherence to the design concept and user standards, and progress in accordance with schedules. Prepares status reports and presentations on task performance to clients. May function as team leader and/or provide direction to lower level staff.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With a Master's degree. (in the fields described in Minimum Education below): two years of specialized experience. With eight years of general information technology experience and at least five years of specialized experience, a degree is not required. **Minimum/General Experience:** Five years of experience, of which at least the last three years must be specialized in: analysis and design of business applications on complex systems, data base management, use of programming languages, and/or DBMS.

23. Programmer Analyst III

Functional Responsibilities: Analyzes, develops, tests, and/or modifies hardware and software solutions to meet the user's systems analysis and/or systems integration requirements. Coordinates with user to identify data availability, report requirements, and systems design problems. Defines system objectives and prepares system design specifications to meet user requirements and to satisfy interface problems. Reviews work products for correctness, adherence to the design concept and user standards, and progress in accordance with schedules. Prepares status reports and presentations on task performance to clients. May provide daily supervision and direction to support staff.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With a Master's Degree (in the fields described in Minimum Education below): five years of information technology assignments and at least three years of specialized experience. With a Ph.D. in the fields described in Minimum Education above): three years of information technology assignments with at least two years of specialized experience. With ten years of information technology assignments with at least seven years of specialized experience.

Minimum/General Experience: Seven years of experience, of which at least the last five years must be specialized in: analysis and design of business applications on complex systems, data base management, use of programming languages, and/or DBMS.

24. Help Desk Manager/Help Desk Specialist III

Functional Responsibilities: Provides daily supervision and direction to staff that 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 service as the first point of contact for troubleshooting hardware/software PC and printer problems. Provides support to end users on a variety of issues. Identifies, researches, and resolves technical problems. Responds to telephone calls, email and personnel requests for technical support. Tracks and monitors the problem to insure a timely resolution. Familiar with a variety of the field's concepts, practices, and procedures. 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 supervisor or manager. A wide degree of creativity and latitude is expected. May include experience with ticket management systems including Remedy, Magic, Peregrine, or Heat.

Education/Experience: Associate's degree in computer information systems, engineering, business, or other related technical or scientific discipline and 5 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education.

25. Help Desk Specialist I

Functional Responsibilities: Provides support to end users on a variety of issues. Identifies, researches, and resolves technical problems. Responds to telephone calls, email and personnel requests for technical support. Tracks and monitors the problem to insure a timely resolution. 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 with minimal creativity is required. Typically reports to a supervisor or manager.

Education/Experience: Associate's degree and 0 - 2 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education.

26. Help Desk Specialist II

Functional Responsibilities: Provides support to end users on a variety of issues. Identifies, researches, and resolves technical problems. Responds to telephone calls, email and personnel requests for technical support. Tracks and monitors the problem to insure a timely resolution. Familiar with a variety of the field's concepts, practices, and procedures. 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. Relies on established guidelines to perform the functions of the job. Works under immediate supervision. Moderate creativity is required. Typically reports to a manager. May include experience with ticket management systems including Remedy, Magic, Peregrine, or Heat.

Education/Experience: Associate's degree in computer information systems, engineering, business, or other related technical or scientific discipline and 3 years of IT experience. 2 years of additional IT experience may be substituted for each year of degree-level education.

27. Web Developer I

Functional Responsibilities: Develops applications, interfaces, and database front-ends with visual development and design tools for use in Internet/Intranet/Extranet sites and applications. Works with HTML, Java, JScript, JavaScript, VBScript, PERL, CGI, SQL, Active Server Pages, Oracle, Active Data Objects, ActiveX, Plug-Ins, Visual Basic, Visual C++, GIF, JPEG, MPEG, and video/audio streaming. Provides web site development, design, support, and maintenance.

Education/Experience: Associate's degree. Specialized experience may be substituted for education.

Minimum/General Experience: Two years of experience in information technology and knowledge in

WEB user interface design, applications, and various design tools for development.

28. Web Developer II

Functional Responsibilities: Develops applications, interfaces, and database front-ends with visual development and design tools for use in Internet/Intranet/Extranet sites and applications. Works with HTML, Java, JScript, JavaScript, VBScript, PERL, CGI, SQL, Active Server Pages, Oracle, Active Data Objects, ActiveX, Plug-Ins, Visual Basic, Visual C++, GIF, JPEG, MPEG, video/audio streaming, and more. Provides web site development, design, support, and maintenance.

Education/Experience: A Bachelor's degree in Fine Arts, Graphic Design, Mathematics, Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's degree. (in the fields described in Minimum Education below): With seven years of general information technology experience and at least four years of specialized experience, a degree is not required.

Minimum/General Experience: Five years of experience in information technology, of which at least one year of specialized experience in WEB user interface design, applications, and various design tools for development

29. Web Developer III

Functional Responsibilities: Develops applications, interfaces, and database front-ends with visual development and design tools for use in Internet/Intranet/Extranet sites and applications. May provide human factors engineering and usability testing and support. May provide database design and modeling. Works with HTML, Java, JScript, JavaScript, VBScript, PERL, CGI, SQL, Active Server Pages, Oracle, Active Data Objects, ActiveX, Plug-Ins, Visual Basic, Visual C++, GIF, JPEG, MPEG, video/audio streaming, and more. Provides web site development, design, support, and maintenance. May function as team leader for less experienced developers.

Education/Experience: A Bachelor's degree in Fine Arts, Graphic Design, Mathematics, Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's degree. (in the fields described in Minimum Education below): two years of specialized experience. With eight years of general information technology experience and at least five years of specialized experience, a degree is not required. **Minimum/General Experience:** Seven years of experience in information technology, of which at least three years of specialized experience in WEB user interface design, applications, and various design tools for development.

30. Information Tech Specialist I

Functional Responsibilities: An individual knowledgeable in Information Technology. Has experience in the specific Information Technology discipline(s) and demonstrates good oral and written communication skills. Provides technical and specialized solutions to complex Technology problems and performed analyses and studies and prepared detailed reports. Individual worked under the direction of the lead technical resource or project manager.

Education/Experience: An associate degree or technical degree required. Three years of progressive experience in the field of Information Technology, including one year of specialized experience in highly specialized Information Technology discipline(s) involving a range of hardware/software solutions.

Specific Experience: At least two years of General Experience is concentrated hands-on experience in the specific discipline(s) of Information Technology. With five years of general information technology experience, a degree is not required.

31. Information Tech Specialist II

Functional Responsibilities: An individual knowledgeable in Information Technology. Has experience in the specific Information Technology discipline(s) and demonstrates good oral and written communication skills. Provides technical and specialized solutions to complex Information Technology problems and performed analyses and studies and prepared detailed reports. Individual worked under the direction of the lead technical resource or project manager

Education/ Experience: An associate degree or technical degree required. Four years of progressive experience in the field of Information Technology, including one year of specialized experience in highly specialized Information Technology discipline(s) involving a range of hardware/software solutions. At least three years of General Experience is concentrated hands-on experience in the specific discipline(s) of Information Technology. With six years of general information technology, a degree is not required.

32. Information Tech Specialist III

Functional Responsibilities: Has extensive experience in the specific Information Technology discipline(s). Individual demonstrates good oral and written communication skills. Experience in providing highly technical and specialized solutions to complex Information Technology problems. Individual has prepared analyses and studies at the project level. Individual works independently or as a member of a team.

Education/ Experience: An associate degree or technical degree required. Six years of progressive experience in the field of Information Technology, including four years of specialized experience in numerous highly specialized Information Technology disciplines involving a wide range of hardware/software solutions. Three years of General Experience is concentrated hands-on experience in the specific discipline(s) of Information Technology. With seven years of general information technology experience, a degree is not required.

33. Information Tech Specialist IV

Functional Responsibilities: An individual very knowledgeable in all aspects of Information Technology. Has extensive experience in the specific Information Technology discipline(s). Demonstrates excellent oral and written communications skills. Has experience in providing highly technical and specialized guidance, and solutions to complex Information Technology problems. Individual has performed elaborate analyses and studies. Individual has recent and relevant experience in preparing reports and presentations in support enterprise-wide solutions and project. Works independently or as a member of a team.

Education/ Experience: An associate degree or technical degree required. Eight years of progressive experience in the field of Information Technology, including six years of specialized experience in numerous, highly specialized Information Technology disciplines involving a wide range of hardware/software solutions. Four years of General Experience is concentrated, hands-on experience in the specific discipline(s) of Information Technology identified in the examples above. With nine years of general information technology experience, a degree is not required.

34. Tape Librarian

Functional Responsibilities: Maintain and oversee the accuracy of tapes being moved on and offsite; Process and reconcile tape inventory files daily; Maintain and update daily inventory file on the flash drive before going offsite; Prepare off-site storage vendor documentation via the web-based processing format for tape shipment; Retrieve tapes from the automated Libraries and reconcile the tapes against the pull list; Receive, log, and disperse tapes to the automated or non-automated library after reconciliation is completed; Research and resolve all tape discrepancies between NITC and off-site storage vendor; Examine tape library functions and recommend improvements; Utilize available tracking tools to conduct routine inventories of the tapes; Verify the accuracy of the internal and external labels on tape after labeling before they are released to the scratch pool for use; Routinely handle tapes in a manner so as to prevent damage through negligence. Generally replaces or repairs damaged tapes within two days of notification. Establish TSO

sessions in order to research, update and create datasets, reports, or reconcile files. Routinely monitors scratch and dead list reports to insure there is an adequate supplies of available scratches for use; Interact with internal and external customers in maintaining their tapes via telephone, e- mail, or face to face. Examines library processes and perform documentation updates to procedures and manuals after receiving concurrence from the COTR. Follow COTR, Agency Directives, Regulations, and Standard Operating Procedures in the accomplishment of the mission and goals with minimal supervision.

Education/Experience: An associate degree in computer information systems, engineering, business, or other related technical or scientific discipline and 2-5 years of experience in information technology field.

35. System Administrator I

Functional Responsibilities: Installs new software releases, system upgrades, evaluates and installs patches and resolves software related problems. Performs system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity. 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 project leader or manager.

Education/Experience: An associate degree in computer information systems, engineering, business, or other related technical or scientific discipline with at least 2 years of experience in the field or in a related area

36. System Administrator II

Functional Responsibilities: Installs new software releases, system upgrades, evaluates and installs patches and resolves software related problems. Performs system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude is required.

Education/Experience: An associate degree in computer information systems, engineering, business, or other related technical or scientific discipline and 5 years of experience in the field or in a related area.

37. System Administrator III

Functional Responsibilities: Manages the operation of business systems that may be mainframe-, mini-, or client/server based. Troubleshoots computer-related problems and, as necessary, contacts appropriate service representatives to resolve systems problems. Installs hardware and software, as needed. Performs backups, database administration, and file recovery. Optimizes system operation and resource utilization and performs system-capacity analysis and planning. Provides assistance to users in accessing and using business systems. May provide direction to lower-level systems administrators.

Education/Experience: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. With a Master's Degree (in the fields described in Minimum Education): two years of specialized experience. With seven years general experience of which four years is specialized, a degree is not required. Minimum/General Experience: Seven years of experience, of which at least three years must be specialized experience in administrating computer systems

38. IT Technician

Functional Responsibilities: An individual knowledgeable in software and hardware operations for Information Technology. Provides support in technical disciplines of Information Technology, such as computer operations, moving and installing equipment, computer cabling, data entry and verification,

media duplication, document control, security, and software installation. Works as a member of a team.

Education/ Experience: An associate degree in computer information systems, engineering, business, or other related technical or scientific discipline. Two years of progressive experience in the field of software or hardware operations. At least one year of General Experience is concentrated hands-on experience in the specific discipline(s) of Information Technology. The experience shall be with the specific equipment, software or other requirements

39. Systems Administrator.

Organizes and directs the configuration and operation of information management systems. Responsible for directing the work of other system administrators to provide the day-to-day system administration to include system and resource optimization, and user assistance. Conducts capacity and performance analysis, and provides system configuration change and upgrade recommendations. Increases system administrator efficiency and accuracy via the use of automated tools and scripts, develops system administrator procedures, and conducts system administrator training and skills assessment.

Education: A Bachelor of Science degree in Computer Science, Information Systems, Engineering, Telecommunications, or other related scientific or technical discipline is required.

Experience: 5 years

40. Principal Information Assurance SME.

SME in all functional and technical requirements associated with IAT position requirements as specified in DoD Directive 8570.01-M. Applies extensive knowledge of a variety of the IA field's concepts, practices, and procedures to ensure the secure integration and operations of all computer enclave systems. Works independently to evaluate and solve complex IA related problems quickly and completely. Supports, monitors, tests, and troubleshoots hardware and software IA problems pertaining to the enclave environment. Prepares and/or oversees the preparation of IA certification and accreditation documentation. Develops system-wide information security requirements based upon the analysis of user, policy, regulatory, and resource demands for complex network and enclave systems. Supports customers at the highest levels in the development and implementation of doctrine and policies. Provides leadership and guidance in the development, design and application of solutions implemented by more junior staff members. May have top-level management responsibilities. Coordinates with senior representatives within the customer organizations to establish and define programs, resources and risks. Applies expertise to government and commercial common user systems, as well as dedicated special purpose systems requiring specialized security features and procedures. Provides guidance and direction to other professionals and serves in a consulting and/or advisory capacity.

Education: Master's Degree

Experience: 15 years

41. Network Installation Technician (Communication).

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.

Education: Bachelor's Degree

Experience: 5 years. With an Associate's degree, 4 years experience. With a Bachelor's degree, 3 years experience

42. Principal Systems Architect (Key Personnel).

Establishes system information requirements using analysis of the information engineer(s) in the development of enterprise-wide or large-scale information systems. Determines and identifies high level functional and technical requirements based on interactions with the user community and knowledge of the enterprise architecture. 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. Identifies, assesses, and presents options for meeting the functional and technical requirements including hardware and software updates or upgrades. Responsible for developing high level system design diagrams. 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. Ensures that the common operating environment is compliant. Evaluates analytically and systematically problems of work flows, organization and planning and develops appropriate corrective action. Provides daily supervision and direction to staff.

Education: A Master's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline

Experience: 8 years

43. Senior Collaboration Engineer.

Requires the regular application of acknowledged expertise in the collaboration systems engineering field and the use of considerable initiative and creativity. Responsible for providing technical leadership with strong knowledge and expertise in large-scale distributed systems and remote development, debugging, deployment, operations, and management of such systems. Must be able to identify the system requirements, contribute to the software systems architecture, synthesize a baseline design, evaluate candidate technologies, oversee prototyping efforts, and contribute to cost and schedule planning supporting the development. Provides expert explanations, techniques or approaches to colleagues, management and customers in developing and integrating collaboration tools within an organization. Additional activities include research, analysis, engineering, testing, documentation, implementation, integration, and operation of the collaborative solutions environment.

Education: Bachelor's Degree

Experience: 7 years

44. Senior Information Assurance (IA) Analyst.

Provides the leadership, management, and supervisory IA skills identified in DoD Directive 8570.01-M. These skills and their associated duties may include the following: Intrusion: Ensures the rigorous application of IA policies, principles, and practices in the delivery of all information technology (IT) and IA services. Leads and directs team personnel too quickly, efficiently and effectively to solve complex IA problems. Identifies IA requirements as part of the IT acquisition development process and assists in the formulation of IA /IT budgets. Plans, integrates, and schedules the installation of new or modified hardware, operating systems, and software applications. Supervises the assessment and implementation of identified computer and network environment fixes such as system patches and fixes associated with specific technical vulnerabilities as part of the Information Assurance Vulnerability Management program. Guides the implementation of appropriate operational structures and processes to ensure an effective IA security program including boundary defense, incident detection and response. Evaluates functional operation and performance in light of test results and make recommendations regarding C&A. Monitors and evaluates the effectiveness of IA security procedures and safeguards. Evaluates security violations to determine necessary initial and long term corrective action. Assesses impact, determines probable damage and suggest methods

of damage control, conducts computer forensics, and follow-on analysis to build historical and predictive capabilities for IA incidents. Develops IA related customer support policies, procedures, and standards. Designs perimeter defense systems including intrusion detection systems, firewalls, grid sensors, etc., enhances rule sets to detect or block sources of malicious traffic, and establishes a protective net of layered defenses to prevent, detect, and eradicate threats. Specialist: Ensures that protection and detection capabilities are acquired or developed using the IS security engineering approach and are consistent with DoD Component level IA architecture. Has a working knowledge of DoD provided IA tools. Has a working knowledge of policy, guidance and evaluation criteria of the DoD Critical Infrastructure Program. Prepares and/or oversees the preparation of IA certification and accreditation documentation. Analyzes, develops, evaluates, and integrates IA policies. Assists in the gathering and preservation of evidence used in the prosecution of computer crimes. Identifies the IT security program implications of new technologies or technology upgrades. Conducts IA cost benefit, economic and risk analysis in the IT acquisition decision making process. Interprets security requirements relative to the capabilities of new information technologies. Interprets patterns of non compliance to determine their impacts on levels of risk and/or overall effectiveness of IA programs. Analyzes identified security strategies and recommends the best approaches and/or practices. Monitors and evaluates the effectiveness of IA security procedures and safeguards to ensure they provide the intended level of protection.

Education: Bachelor's Degree
Experience: 10 years

45. Senior Network Installation Technician.

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.

Education: Bachelors Degree
Experience: 9 years. With an Associate's degree, 8 years experience. With a Bachelor's degree, 6 years experience.

46. Senior Staff Systems Solutions Engineer.

Emerging authority in discipline or related area of expertise. May function in project leadership roles and represents the organization as prime customer contact on significant technical matters on contracts. Solves complex problems that require the regular use of ingenuity and creativity. Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems. Analyses are performed at all levels of total system product to include: hardware/software, concept, design, fabrication, test, installation, operation, maintenance and disposal. Performs duties such as site surveys, system evaluation, system analysis, architecture, and infrastructure assessment. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Applies and/or develops advanced technologies, scientific principles, theories, and concepts. Resolves issues associated with the development and implementation of operational programs. Provides input to R&D programs and recommends technological application programs to accomplish long-range objectives.

Education: Bachelor's Degree
Experience: 3 years

47. Technical Writer/Editor.

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.

Education: Bachelor's Degree
Experience: 3 years

48. Test Engineer (Lead).

Subject matter expert providing testing expertise for support of user requirements of complex to highly complex software/hardware applications. Directs and/or participates in all phases of risk management assessments and software/hardware development with emphasis on analysis of user requirements, test design and test tools selection. Responsible for ensuring that the test design and documentation support all applicable client, agency or industry standards time lines and budgets. Responsible for ensuring that testing conclusions and recommendations are fully supported by test results, and project managers are fully informed of testing status and application deviations from documented user requirements.

Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline is required
Experience: 8 years

49. Subject Matter Expert (Lead) (Key Personnel).

Provides expert support, analysis and research into exceptionally complex problems, and processes relating to the subject matter. Serves as technical expert on executive-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates exceptional written and oral communications skills. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems and provides solutions which are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Develops advanced technological ideas and guides their development into a final product. Expertise is in a particular area of Information Technology (e.g., Information Systems Architecture, Telecommunications Systems Design, Architecture, Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, Communications and Network Systems Management), or a specific functional area (e.g., finance, logistics, and operations research).

Education: Bachelor's Degree
Experience: 10 years

50. Subject Matter Expert (Intermediate).

With minimal direction, provides expert support, analysis and research into exceptionally complex problems, and processes relating to the subject matter. Serves as technical expert on executive-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates exceptional written and oral communications skills. Applies extensive technical expertise, and has full knowledge of other related disciplines. Guides the successful completion of major programs and may function in a project leadership role. Develops technical solutions to complex problems that require the regular use of ingenuity and creativity. Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Expertise is in a particular area of Information Technology (e.g., Information Systems Architecture, Telecommunications Systems Design, Architecture, Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, Communications and Network Systems Management), or a specific functional area (e.g., finance, logistics, and operations research).

Education: Bachelor's Degree
Experience: 10 years

51. Subject Matter Expert (Associate).

Under broad direction, provides expert support, analysis and research into especially complex problems, and processes relating to the subject matter. Serves as technical expert on high-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates superior written and oral communications skills. Possesses a complete understanding and wide experience in the application of technical principles, theories, and concepts in the field. Provides technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, practicable, and consistent with organizational objectives. Works under only general direction. Independently determines and develops approach to solutions. Contributes to the completion of specific programs and projects. Expertise is in a particular area of Information Technology (e.g., Information Systems Architecture, Telecommunications Systems Design, Architecture, Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, Communications and Network Systems Management), or a specific functional area (e.g., finance, logistics, and operations research).

Education: Bachelor's Degree
Experience: 5 years

52. Network Engineer (Lead).

Establishes Network information requirements using analysis of the Network engineer(s) in the development of enterprise-wide or large-scale networking infrastructure (CAN, MAN, WAN). 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 Network 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 network layers, across the application program interface (API) and the external environment/software application. Ensures that the network/transport layers of the common operating environment are compliant. Evaluates analytically and systemically problems of work flows and network usage, organization and planning and develops appropriate corrective action. Provides daily supervision and direction to staff.

Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline is required.
Experience: 8 years

53. Intermediate Information Assurance Analyst.

Under general technical supervision, performs network monitoring, analysis and reporting in accordance with the provisions of DoD Directive 8570.01-M. These skills and their associated duties may include the following: Intrusion: Examines potential security violations, incidents, malicious activity and attacks to determine if policy has been breached, assesses the impact, and preserves artifacts. Enters and tracks events and incidents. Supports incident escalation and assesses probable damages, identifies damage control and remediation, and assists in developing courses of action. Supervises the installation, monitoring, testing, troubleshooting and administration of IA hardware and software systems. Recommends, schedules, and performs IA system repairs, systems administration, and maintenance. Analyzes patterns of non compliance or attacks and recommends appropriate actions to minimize security risks and insider threat. Configures,

optimizes, and tests network devices. Diagnoses and resolves IA malicious traffic. Supports the design and execution of exercise scenarios. Specialist: Implements, and monitors policies and procedures reflecting the legislative intent of applicable laws and regulations. Prepares, distributes, and maintains plans, instructions, guidance, and standard operational procedures concerning Information Security. Participates in IA risk assessments during the C&A process. Prepares, reviews and evaluates documentation of compliance. Prepares recommendations for the DAA. Reviews IA and IA enabled software, hardware, and firmware for compliance with appropriate security configuration guidelines, policies, and procedures. Reviews AI security plans. Identifies alternative functional IA security strategies to address organizational security concerns. Reviews security safeguards to determine that security concerns identified in approved policies, plans, and doctrine have been fully addressed. Develops and implements programs to ensure that systems, network, and data users are aware of, understand, and follow IA policies and procedures.

Education: Bachelor's Degree

Experience: 5 years

54. Senior Systems Architect.

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. Identifies, assesses, and presents options for meeting the functional and technical requirements including hardware and software updates or upgrades. Responsible for developing high level system design diagrams. Ensures these systems are compatible and in compliance with the standards for open system architectures, the Open Systems Interconnection (OSI) and International Standards Organization (ISO) reference models, and profiles of standards - such as Institute of Electrical and 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. Ensures that the common operating environment is compliant. Evaluates analytically and systematically problems of work flows, organization and planning and develops appropriate corrective action.

Education: Master's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline

Experience: 10 years

Appendix C: Terms and Conditions

TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT)
PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)

******NOTE: All non-professional labor categories must be incidental to, and used solely to support professional services, and cannot be purchased separately.**

1. SCOPE

- a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT Professional Services within the scope of this Information Technology Schedule.
- b. The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2. PERFORMANCE INCENTIVES I-FSS-60 Performance Incentives (April 2000)

- a. Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract.
- b. The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.
- c. Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

3. ORDER

- a. Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.
- b. All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

4. PERFORMANCE OF SERVICES

- a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.
- b. The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.
- c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.

d. Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

5. STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

- (1) Cancel the stop-work order; or
- (2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

- (1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
- (2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

6. INSPECTION OF SERVICES

In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I OCT 2008) (DEVIATION I – FEB 2007) applies to Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

7. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Dec 2007) Rights in Data – General, may apply.

8. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT Professional Services.

9. INDEPENDENT CONTRACTOR

All IT Professional Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

10. ORGANIZATIONAL CONFLICTS OF INTEREST

a. Definitions.

“Contractor” means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

“Contractor and its affiliates” and “Contractor or its affiliates” refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An “Organizational conflict of interest” exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor’s or its affiliates’ objectivity in performing contract work.

b. To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

11. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for IT Professional services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

12. PAYMENTS

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments

under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition As prescribed in 16.601(e)(3), insert the following provision:

- (a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.
- (b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—
 - (1) The offeror;
 - (2) Subcontractors; and/or
 - (3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

13. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

14. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

15. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

16. DESCRIPTION OF IT PROFESSIONAL SERVICES AND PRICING

a. The Contractor shall provide a description of each type of IT Service offered under Special Item Numbers 132-51 IT Professional Services should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

b. Pricing for all IT Professional Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices, minimum general experience and minimum education.

The following is an example of the manner in which the description of a commercial job title should be presented:

EXAMPLE: Commercial Job Title: System Engineer

Minimum/General Experience: Three (3) years of technical experience which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices.

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies.

Minimum Education: Bachelor's Degree in Computer Science