



TENACIOUS BY NATURE

GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

SPECIAL ITEM NUMBER 518210C– CLOUD AND CLOUD-RELATED IT PROFESSIONAL SERVICES
SPECIAL ITEM NUMBER 54151S – INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES

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

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

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

SPECIAL ITEM NUMBER OLM – ORDER LEVEL MATERIALS

Addx Corporation
4825 Mark Center Drive, Suite 300
Alexandria, VA 22311
(P) 703-933-9637
(F) 703-933-7638
www.addxcorp.com

Contract Number: **GS-35F-0431X**
Period Covered by Contract: **06/10/2011 through 06/09/2021**
Business Size: **Small**

General Services Administration
Federal Acquisition Service
Pricelist current through Modification #26, effective **August 13, 2020**.

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

CUSTOMER INFORMATION:

1. Awarded Special Item Number(s):

SIN	Description
518210C	Professional IT Cloud Services
54151S	Professional Information Technology Services
OLM	Order Level Materials

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract: See page 12.

1c. Descriptions of all corresponding commercial job titles with experience, functional responsibility, and education are provided beginning on page 14.

2. Maximum Order: \$500,000

3. Minimum Order: \$100

4. Geographic Coverage: Domestic Only

5. Point of Production: Alexandria, VA

6. Prices Shown Herein are Net (discount deducted)

7. Quantity Discount: None

8. Prompt Payment Terms: 0.05% - 20 days from receipt of invoice or date of acceptance, whichever is later.

Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions

9. Government Purchase Cards Will accept below the micropurchase threshold

10. Foreign Items: None

11. Time of Delivery: Addx Corporation will adhere to the delivery schedule as specified by the agency's purchase order.

11b. Expedited Delivery: Consult with Contractor

11c. Overnight/2-Day Delivery: Consult with Contractor

11d. Urgent Requirements: Consult with Contractor

12. FOB Point: Destination

13. **Ordering Address:** Addx Corporation
4825 Mark Center Drive, Suite 300
Alexandria, VA 22311
(P) 703-933-9637 (F) 703-933-7638
14. **Payment Address:** Addx Corporation
4825 Mark Center Drive, Suite 300
Alexandria, VA 22311
(P) 703-933-9637 (F) 703-933-7638
15. **Warranty Provisions:** Contractor's Standard Warranty
16. **Export Packing charges:** Not applicable
17. **Terms and conditions of Government Purchase Card Acceptance:** Please contact Addx Corporation for terms and conditions of Government Purchase Card acceptance.
18. **Terms and conditions of rental, maintenance, and repair:** Not applicable
19. **Terms and conditions of installation:** Not applicable
20. **Terms and conditions of repair parts:** Not applicable
- 20a. **Terms and conditions for any other services:** Not applicable
21. **List of service and distribution points:** Not applicable
22. **List of participating dealers:** Not applicable
23. **Preventive maintenance:** Not applicable
- 24a. **Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants:**
Not applicable
- 24b. Contact Addx Corporation for Section 508 compliance information. The EIT standards can be found at: <http://www.section508.gov>
25. **DUNS Number:** 039872622
26. Addx Corporation is registered in the System for Award Management (SAM) database.



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GSA HOURLY RATES

SIN	Labor Category	06/10/2018	06/10/2019	06/10/2020
		- 06/09/2019	- 06/09/2020	- 06/09/2021
518210C	Associate Cloud Developer	N/A	\$60.24	\$61.45
518210C	Associate Cloud SysOps Administrator	N/A	\$83.42	\$85.08
518210C	Cloud Program Manager I	N/A	\$122.15	\$124.59
518210C	Cloud Project Manager II	N/A	\$129.75	\$132.34
518210C	Cloud SysOps Administrator	N/A	\$88.03	\$89.79
518210C	Cloud Systems Analyst	N/A	\$78.10	\$79.67
518210C	Cloud Technical Writer I	N/A	\$72.39	\$73.83
518210C	Director of IT Infrastructure/Cloud	N/A	\$246.72	\$251.66
518210C	Foundational Cloud Practitioner	N/A	\$45.42	\$46.33
518210C	Junior Cloud Solutions Architect	N/A	\$102.61	\$104.66
518210C	Junior Cloud DevOps Engineer	N/A	\$78.71	\$80.28
518210C	Principal Cloud Solutions Architect I	N/A	\$149.30	\$152.28
518210C	Principal Cloud DevOps Engineer I	N/A	\$135.74	\$138.45
518210C	Senior Cloud Program Manager I	N/A	\$136.81	\$139.55

518210C	Senior Cloud Program Manager II	N/A	\$156.65	\$159.78
518210C	Senior Cloud Solutions Architect	N/A	\$104.06	\$106.14
518210C	Senior Cloud DevOps Engineer	N/A	\$107.33	\$109.48
518210C	Senior Cloud DevSecOps Specialist	N/A	\$161.60	\$164.83
54151S	Application Programmer	\$145.98	\$148.90	\$151.88
54151S	Program Analyst	\$117.18	\$119.52	\$121.91
54151S	Sr. Program Manager	\$186.96	\$190.70	\$194.51
54151S	Sr. Systems Analyst	\$153.19	\$156.25	\$159.38
54151S	Sr. Systems Engineer	\$161.30	\$164.53	\$167.82
54151S	System Architect	\$101.97	\$104.01	\$106.09

Labor Category Descriptions

SIN 518210C

Associate Cloud Developer

Functional Responsibility: Understands core cloud services, uses, and basic cloud architecture best practices and demonstrates proficiency in developing, deploying, and debugging cloud-based applications using cloud platform. Deploys, manages, and operates scalable, highly available, and fault-tolerant systems on cloud platforms; implements and controls the flow of data to and from cloud platform; selects appropriate services based on compute, data, or security requirements; identifies appropriate use of cloud operational best practices; estimates cloud usage costs and identifies operational cost control mechanisms; and migrates on-premises workloads to cloud. Working knowledge of Linux and/or Windows OS. Understands Amazon Web Services (AWS) and other cloud services. Gaining experience with programming and scripting with languages like Python, Perl, Bash, PHP, Java, SQL, or C++.

Minimum/General Experience: 1 year of experience solving problems and implementing solutions using cloud features. Familiarity with at least one high-level programming language.

Minimum Education: Associate's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Associate Cloud SysOps Administrator

Functional Responsibility: Deploys, manages, and operates scalable, highly available, and fault-tolerant systems on cloud platforms; implements and controls the flow of data to and from cloud platform; selects appropriate services based on compute, data, or security requirements; identifies appropriate use of cloud operational best practices; estimates cloud usage costs and identifies operational cost control mechanisms; and migrates on-premises workloads to cloud.

Minimum/General Experience: 1 year of experience deploying, managing, and operating cloud services.

Minimum Education: Associate's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Cloud Project Manager I

Functional Responsibility: Responsible for developing and managing cloud projects and their cost, time, and scope. Creates and manages project plans and defines project schedules, allocates resources, and monitors progress for cloud projects. Helps project team with the design and development tasks; leads process of issue identification and resolution; and manages risk tracking process and manages all documentation for cloud projects. May work multiple cloud projects simultaneously.

Minimum/General Experience: 2 years of Information Technology (IT) project management experience with cloud projects. Knowledge of related PM software tools and agile methodologies.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Cloud Project Manager II

Functional Responsibility: Responsible for developing and managing cloud projects and their cost, time, and scope. Creates and manages project plans and defines project schedules, allocates resources, and monitors progress for cloud projects. Helps project team with the design and development tasks; leads process of issue identification and resolution; and manages risk tracking process and manages all documentation for cloud projects. May work multiple cloud projects simultaneously.

Minimum/General Experience: 4 years of IT project management experience with cloud projects. Knowledge of related PM software tools and agile methodologies.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Cloud SysOps Administrator

Functional Responsibility: Deploys, manages, and operates scalable, highly available, and fault-tolerant systems on cloud platforms; implements and controls the flow of data to and from cloud platform; selects appropriate services based on compute, data, or security requirements; identifies appropriate use of cloud operational best practices; estimates cloud usage costs and identifies operational cost control mechanisms; and migrates on-premises workloads to cloud.

Minimum/General Experience: 3 years of experience deploying, managing, and operating cloud services.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Cloud Systems Analyst

Functional Responsibility: Responsible for planning and engineering of an organization's cloud computing infrastructure and applications. Implements and designs hardware and software for cloud operations. Monitors the performance of cloud-based systems. Familiar with standard concepts, practices, and procedures of cloud technology, including Software as Service (SaaS), Platform as Service (PaaS), and/or Infrastructure as a Service (IaaS). May sometimes lead and direct the work of others.

Minimum/General Experience: 3 years of experience deploying, managing, and operating cloud services.

Minimum Education: Associate's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Cloud Technical Writer I

Functional Responsibility: Works closely with Cloud project team to produce high-quality documentation, including technical overview, installation, configuration, operation, and maintenance

guides, end-user manuals, and computer-based training systems for cloud projects. Writes, rewrites, edits, and/or proofreads technical documentation for cloud projects. Conducts Quality Control (QC) checks to ensure compliance with guidelines, specifications, and deadlines for cloud projects. Determines and applies appropriate level of editorial treatment and reading proficiency. Develops or maintains document templates. Communicates cloud technical information in a clear and concise manner. Meets aggressive deadlines.

Minimum/General Experience: 2 years' experience in documenting IT projects; familiarity with cloud/SaaS terminology. Demonstrated ability to pick up technical subject matter quickly and to ask the questions needed to determine the relevant aspects of a technical cloud-based project. Proven ability to present subject matter using clear and concise writing, editing, content design, and meeting aggressive deadlines.

Minimum Education: Associate's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Director of IT Infrastructure/Cloud

Functional Responsibility: Responsible for determining current and future enterprise infrastructure needs, including cloud operations. Oversees the design and implementation of information systems, based in the cloud, that support the enterprise infrastructure of the organization. Implements the enterprise architecture and the development and maintenance of the organization's computing/IT cloud environment.

Minimum/General Experience: 10+ years of deep knowledge of IT cloud functionality. 5+ years of managerial experience.

Minimum Education: Master's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Foundational Cloud Practitioner

Functional Responsibility: Entry-level position assisting higher level staff in cloud solutioning, systems development, operations, and/or security.

Minimum/General Experience: 6 months of experience, with deep knowledge of IT cloud functionality.

Minimum Education: Associate's

Junior Cloud Solutions Architect

Functional Responsibility: Designs and deploys dynamically scalable, highly available, fault-tolerant, and reliable applications on cloud platforms. Selects appropriate cloud platform services to design and deploy an application based on given requirements. Migrates complex, multi-tier applications on cloud platform. Designs and deploys enterprise-wide scalable operations on cloud platform; and implements cost-control strategies. Has working knowledge of system development in cloud environments, including SAAS, PAAS, or IAAS.

Minimum/General Experience: 2 years of comprehensive experience designing, operating, and troubleshooting solutions using cloud features.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Junior Cloud DevOps Engineer

Functional Responsibility: Implements and manages continuous delivery systems and methodologies on cloud platform; and implements and automates cloud security controls, governance processes, and compliance validation. Defines and deploys monitoring, metrics, and logging systems that are highly available, scalable, and self-healing on the cloud platform. Designs, manages, and maintains tools to automate operational processes in the cloud. Designs, builds, and maintains a stable and efficient cloud infrastructure to optimize service delivery across production, Quality Assurance (QA), and development environments throughout the development lifecycle. Monitors, troubleshoots, maintains, and continuously improves building, packaging, and deployment processes for cloud operations. Implements automated infrastructure capabilities like backups, security tools, and monitoring for cloud operations. Utilizes a consistent DevOps approach to improve all phases of the process and ensure end-to-end quality across cloud-based functions. Knowledge of deployment/configuration management cloud tools like Jenkins, Maven, Puppet, or Ansible. Utilizes version control tools like GIT, Bitbucket, SVN, or CVS in cloud-based development. Experienced with cloud network infrastructure, database, cloud and data center operations, and security protocols. Strong knowledge of Linux and/or Windows OS. Understands AWS and other cloud services. Experience with programming and scripting with languages like Python, Perl, Bash, PHP, Java, SQL, or C++.

Minimum/General Experience: 2 years of comprehensive experience provisioning, operating, and managing cloud environments. Experience developing code in at least one high-level programming language. Experience building highly automated infrastructures.

Minimum Education: Associate's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Principal Cloud Solutions Architect I

Functional Responsibility: Designs and deploys dynamically scalable, highly available, fault-tolerant, and reliable applications on cloud platforms. Selects appropriate cloud platform services to design and deploy an application based on given requirements. Migrates complex, multi-tier applications on cloud platform. Designs and deploys enterprise-wide scalable operations on cloud platform; and implements cost-control strategies. Has a deep understanding of system development in cloud environments, including SAAS, PAAS, or IAAS.

Minimum/General Experience: 7 years of comprehensive experience designing, operating, and troubleshooting solutions using cloud features.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Principal Cloud DevOps Engineer I

Functional Responsibility: Implements and manages continuous delivery systems and methodologies on cloud platform; and implements and automates cloud-based security controls, governance processes, and compliance validation. Defines and deploys monitoring, metrics, and logging systems that are highly available, scalable, and self-healing on the cloud platform. Designs, manages, and maintains tools to automate operational cloud processes. Designs, builds, and maintains a stable and efficient infrastructure to optimize service delivery across production, QA, and development environments in the cloud throughout the development lifecycle. Monitors, troubleshoots, maintains, and continuously improves building, packaging, and deployment processes for cloud operations. Implements automated infrastructure capabilities like backups, security tools, and monitoring for cloud operations. Utilizes a consistent DevOps approach to improve all phases of the process and ensure end-to-end quality across cloud-based functions. Knowledge of deployment/configuration management cloud tools like Jenkins, Maven, Puppet, or Ansible. Utilizes version control tools like GIT, Bitbucket, SVN, or CVS. Experienced with network infrastructure, database, cloud and data center operations, and security protocols. Strong knowledge of Linux and/or Windows OS. Understands AWS and other cloud services. Experience with programming and scripting with languages like Python, Perl, Bash, PHP, Java, SQL, or C++.

Minimum/General Experience: 7 years of comprehensive experience provisioning, operating, and managing cloud environments. Experience developing code in at least one high-level programming language. Experience building highly automated infrastructures.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Senior Cloud Program Manager I

Functional Responsibility: Responsible for schedules, budgets, resources, and deliverables for cloud projects and portfolios. Creates project plans and maintains project objectives for cloud projects. Monitors production and quality of cloud-based projects to customer standards; and identifies and resolves issues and risks. Has knowledge of larger cloud landscape without neglecting granular details while tracking project health, staying alert for risk, and resolving issues as they arise. Maintains standards and monitors scope with project quality. Reports on cloud-based projects and portfolios.

Minimum/General Experience: 7 years' experience in IT project management, especially larger projects involving cloud operations. Has managed at least two cloud projects or portfolios. Experienced in leading agile teams; proven leadership skills with expertise in conflict resolution. Demonstrated analytical and strong organizational skills with excellent verbal and written ability. Proficiency with related PM software tools.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Senior Cloud Program Manager II

Functional Responsibility: Responsible for schedules, budgets, resources, and deliverables for cloud projects and portfolios. Creates project plans and maintains project objectives for cloud projects. Monitors production and quality of cloud-based projects to customer standards; and identifies and resolves issues and risks. Has knowledge of larger cloud landscape without neglecting granular details

while tracking project health, staying alert for risk, and resolving issues as they arise. Maintains standards and monitors scope with project quality. Reports on cloud-based projects and portfolios.

Minimum/General Experience: 10 years' experience in IT project management, especially larger cloud-based projects. Has managed at least four cloud projects or portfolios. Experienced in leading agile teams; has proven leadership skills with expertise in conflict resolution. Demonstrated analytical and strong organizational skills with excellent verbal and written ability. Proficiency with related PM software tools.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Senior Cloud Solutions Architect

Functional Responsibility: Designs and deploys dynamically scalable, highly available, fault-tolerant, and reliable applications on cloud platforms. Selects appropriate cloud platform services to design and deploy an application based on given requirements. Migrates complex, multi-tier applications on cloud platform. Designs and deploys enterprise-wide scalable operations on cloud platform; and implements cost-control strategies. Has working knowledge of system development in cloud environments, including SAAS, PAAS, or IAAS.

Minimum/General Experience: 4 years of comprehensive experience designing, operating, and troubleshooting solutions using cloud features.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Senior Cloud DevOps Engineer

Functional Responsibility: Implements and manages continuous delivery systems and methodologies on cloud platform; and implements and automates cloud-based security controls, governance processes, and compliance validation. Defines and deploys monitoring, metrics, and logging systems that are highly available, scalable, and self-healing on the cloud platform. Designs, manages, and maintains tools to automate operational cloud processes. Designs, builds and maintains a stable and efficient infrastructure to optimize service delivery across production, QA, and development environments in the cloud throughout the development lifecycle. Monitors, troubleshoots, maintains, and continuously improves building, packaging, and deployment processes for cloud operations. Implement automated infrastructure capabilities like backups, security tools, and monitoring for cloud operations. Utilizes a consistent DevOps approach to improve all phases of the process and ensure end-to-end quality across cloud-based functions. Knowledge of deployment/configuration management cloud tools like Jenkins, Maven, Puppet, or Ansible. Utilizes version control tools like GIT, Bitbucket, SVN, or CVS. Experienced with network infrastructure, database, cloud and data center operations, and security protocols. Strong knowledge of Linux and/or Windows OS. Understands AWS and other cloud services. Experience with programming and scripting with languages like Python, Perl, Bash, PHP, Java, SQL, or C++.

Minimum/General Experience: 4 years of comprehensive experience provisioning, operating, and managing cloud environments. Experience developing code in at least one high-level programming language. Experience building highly automated infrastructures.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Senior Cloud DevOps Specialist

Functional Responsibility: Implements and manages continuous delivery systems and methodologies on cloud platform; and implements and automates cloud-based security controls, governance processes, and compliance validation. Defines and deploys monitoring, metrics, and logging systems that are highly available, scalable, and self-healing on the cloud platform. Designs, manages, and maintains tools to automate operational cloud and security processes. Designs, builds and maintains a stable and efficient infrastructure to optimize service delivery across production, QA, and development environments in the cloud throughout the development lifecycle. Monitors, troubleshoots, maintains, and continuously improves building, packaging, and deployment processes for cloud operations. Implements automated infrastructure capabilities like backups, security tools, monitoring for cloud operations. Utilizes a consistent DevOps approach to improve all phases of the process and ensure end-to-end quality across cloud-based functions. Knowledge of deployment/configuration management tools like Jenkins, Maven, Puppet, or Ansible. Utilizes version control tools like GIT, Bitbucket, SVN, or CVS. Experienced with network infrastructure, database, cloud and data center operations, and security protocols. Strong knowledge of Linux and/or Windows OS. Understands AWS and other cloud services. Experience with programming and scripting with languages like Python, Perl, Bash, PHP, Java, SQL, or C++.

Minimum/General Experience: 7 years of comprehensive experience provisioning, operating, and managing cloud environments. Experience developing code in at least one high-level programming language. Experience building highly automated infrastructures. Experience with RMF process.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

SIN 54151S

Commercial Job Title: Application Programmer

Functional Responsibility: Analyzes, designs, develops, tests, documents, and maintains applications. Assesses performance of software systems to identify and correct problems that impact operation efficiency. Consults with user base to ensure responsiveness of system software user requirements. Performs system adjustments to reflect functional changes. Recommends system software and hardware. Creates and/or maintains operating systems, communications software, database packages, compilers, repositories, and utility and assembler programs. Modifies existing software and develops special-purpose software to ensure efficiency and integrity between systems and applications.

Minimum/General Experience: Position requires four to six years of experience with two years specialized experience in application programming.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Commercial Job Title: Program Analyst

Functional Responsibility: Experienced in the computer systems field. Possesses skills necessary to analyze, plan, and test computer programs using common programming and system techniques. Assesses functional system, business, and technical requirements. Assists in the development of test plans and IV&V milestones. Participates in formal and informal reviews to determine information technology quality and in the development of software quality assurance plans. Examines and evaluates the SQA process and recommends enhancements and modifications. Develops information technology quality standards.

Minimum/General Experience: Position requires two to four years' experience with computer systems and system development methodologies.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Commercial Job Title: Sr. Program Manager

Functional Responsibility: Responsible for the oversight and effective management of a single program, multiple projects or series of tasks to include management of all aspects of program/project performance, schedule, cost, and risk. The Program Manager will manage contract funds and personnel, and is accountable for the quality and timely delivery of all contractual items. Serves as focal point of contact with project employees and customers regarding project activities and personnel issues. Leads projects using advanced technologies that involve the successful management of teams composed of data processing and other information management professionals who have been involved in analysis, design, integration, testing, documenting, converting, extending, and implementing high technology (i.e., Internet or intranet) systems.

Minimum/General Experience: Position requires eight years of experience with five years' experience managing functional areas or personnel.

Minimum Education: Master's Degree in Engineering, Computer Science, Business or related field.

Commercial Job Title: Sr. Systems Analyst

Functional Responsibility: Leads systems analysis of computer and networking systems. Participates in the design of business processes and facilitates them within product development. Coordinates definition, design, and implementation of solutions. Oversees the overall integration of all systems components within a predefined environment. Analyzes and develops technical documentation. Analyzes functional business applications and design specifications for functional areas such as finance, accounting, personnel, manpower, logistics, and contracts. Develops block diagrams and logic flowcharts. Translates detailed design into computer software.

Minimum/General Experience: Position requires eight years of experience with three years of specialized experience in systems analysis.

Minimum Education: Bachelor's Degree in Engineering, Computer Science, Business or a related field. Master's degree may be substituted with one year less experience.

Commercial Job Title: Systems Architect

Functional Responsibility: Provides technical consulting in support of projects and planning efforts with objective of delivering cost-effective solutions with sound, industry-standard approaches. Examines and reviews designs, providing appropriate feedback and recommendations. Independently conducts or leads major requirements studies and delivers recommendations. Performs enterprise wide strategic system planning, information planning, business, and analysis. Performs process and data modeling in support of the planning and analysis efforts, using manual and automated tools, such as Integrated Computer-Aided Software Engineering (I-CASE) tools. Must be able to apply reverse engineering and reengineering disciplines to developing migration strategic and planning documents. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the security arena. Performs risk analyses, which include risk assessment. Provides daily supervision of, and direction to, staff.

Minimum/General Experience: Position requires eight years of experience with three years of specialized experience in Enterprise or system architecture.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Commercial Job Title: Sr. Systems Engineer

Functional Responsibility: Responsible for using information technology skills during analysis, development, integration, and acquisition of systems for various potential applications. Ensures these systems and applications are compliant with standards for open systems architectures and reference models. Evaluates and recommends applications and methodologies that can be acquired or developed to provide inter-operable technology solutions. Performs requirements analyses, trade studies, concept definition, system design, development, testing, integration, transition, and deployment as needed to develop and deliver systems and solutions. Reviews and analyzes system specifications. Prepares programming specifications. Analyzes existing systems and subsystems for reusability benefits and needed changes.

Minimum/General Experience: Position requires eight years' experience in the Information Systems/Software Engineering field.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Experience & Degree Substitution Equivalencies

Experience exceeding the minimum shown may be substituted for education. Likewise, education exceeding the minimum shown may be substituted for experience.

Equivalent Degree

High School

Associate's

Bachelor's

Master's

PhD

Experience

1 year of relevant experience

High School or equivalent plus 2 years relevant experience

Associate's degree + 2 years relevant experience or 4 years relevant experience

Bachelor's plus 2 years relevant experience or Associate's degree + 4 years relevant experience or 6 years relevant experience

Master's + 2 years relevant experience, or Bachelor's + 4 years relevant experience or Associate's + 6 years relevant experience or 8 years relevant experience