AUTHORIZED FEDERAL SUPPLY SERVICE
MULTIPLE AWARD SCHEDULE

SPECIAL ITEM NUMBER 518210C - CLOUD AND CLOUD-RELATED IT PROFESSIONAL SERVICES
SPECIAL ITEM NUMBER 54151S - INFORMATION TECHNOLOGY PROFESSIONAL SERVICES
SPECIAL ITEM NUMBER 511210 - SOFTWARE LICENSES

CLOUD7WORKS. INC
12020 Sunrise Valley Dr
Suite#100, Reston, VA 20191
https://www.cloud7works.com

Price list current through Mod PS-0018 Effective May 26, 2021
Period Covered by Contract: October 26, 2017 – October 25, 2022

Contract Number: 47QTCA18D001D
General Services Administration, Federal Acquisition Service

Products and ordering information in this Authorized Multiple Award Schedule Pricelist are also available on the GSA Advantage! System (http://www.gsaadvantage.gov).
CUSTOMER INFORMATION

1) Awarded Special Item Number(s):

<table>
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<tr>
<th>SIN</th>
<th>Description</th>
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<tr>
<td>518210C</td>
<td>Cloud and Cloud-Related IT Professional Services</td>
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<tr>
<td>54151S</td>
<td>Information Technology Professional Services</td>
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<tr>
<td>511210</td>
<td>Software Licenses</td>
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<tr>
<td>OLM</td>
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a) Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. Please see Page 4.
b) Descriptions of all corresponding commercial job titles with experience, functional responsibility, and education are provided beginning on Page 7.

2) **Maximum Order**: $500,000

3) **Minimum Order**: None

4) **Geographic Coverage**: 50 States, Puerto Rico

5) **Point of Production**: United States

6) **Discount from list prices or statement of net price**: Government net prices (discounts already deducted).

7) **Quantity Discount**: None. SIN 511210: 10% for 2-Year subscription and 15% for 3-Year subscription

8) **Prompt Payment Terms**: None. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

9) **Foreign Items**: None

10) **Time of Delivery**: Cloud7Works.Inc shall deliver or perform services per the terms negotiated in an agency’s Order.

11) **Expedited Delivery**: The Contractor will insert the sentence “Items available for expedited delivery are noted in this price list.” under this heading. The Contractor may use a symbol of its choosing to highlight items in its price list that have expedited delivery: Contact Contractor Consult with Contractor.

12) **Overnight/2-Day Delivery**: The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery. Consult with Contractor.
13) **Urgent Requirements:** The Contractor will note in its price list the “Urgent Requirements” clause of its contract and advise agencies that they can also contact the Contractor’s representative to effect a faster delivery. Consult with Contractor.

14) **FOB Point:** Destination

15) **Ordering Address:**
    ATTN: MadhuKumar Vattipulusu  
    12020 Sunrise Valley Dr,  
    Reston, VA 20190  
    (P) 703-508-1378 (F) 571-234-6874  
    mkv@cloud7works.com

16) **Ordering Procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA’s), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

17) **Payment Address:**
    ATTN: MadhuKumar Vattipulusu  
    12020 Sunrise Valley Dr,  
    Reston, VA 20190  
    (P) 703-508-1378 (F) 571-234-6874  
    mkv@cloud7works.com

18) **Warranty Provisions:** Standard Commercial Warranty. Customer should contact contractor for a copy of the warranty.

19) **Export Packing Charges:** Not applicable

20) **Terms and conditions of rental, maintenance, and repair:** Not applicable

21) **Terms and conditions of installation:** Not applicable

22) **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if available):** Not applicable

23) **Terms and conditions for any other services:** Not applicable

24) **List of service and distribution points:** Not applicable

25) **List of participating dealers:** Not applicable

26) **Preventive maintenance:** Not applicable

27) **Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants:** Not applicable

28) **Section 508 compliance for EIT:** As applicable

29) **DUNS Number:** 931937237

30) **Cloud7Works.Inc is registered in the System for Award Management (SAM) database.**
## PRICE LIST

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LABOR CATEGORY DESCRIPTIONS

SIN: 518210C - CLOUD COMPUTING IT PROFESSIONAL SERVICES
LABOR CATEGORIES

SIN: 518210C
AWS Developer

**Functional Responsibilities:** Responsible for the design and development of application prototypes, utilities, and solutions across multiple environments using full life-cycle methodologies (requirements definition, design, development, testing, and implementation). Can interpret risk management, cyber security, compliance, privacy, and/or audit requirements and implement them. Holds AWS certification.

**Minimum Education:** Bachelors

**Minimum Experience:** 5 years

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Enterprise Cloud Architect

**Functional Responsibilities:** Design of client’s Cloud environments with a focus on Oracle and AWS and demonstrate Technical Cloud Architectural knowledge, delivery of Cloud Strategies with focus on Cloud Migrations. Provides leadership in infrastructure migration methodologies and techniques including mass app movements into the cloud (implementation of Azure and AWS). Internal and external Nurture Cloud computing expertise. Experience with Federal Enterprise Architecture Framework and The Open Group Architecture Framework. Technical Skills Required: Microsoft Azure or Amazon Web Services Certifications, understanding across Cloud and infrastructure components, knowledge of SoftLayer, Azure, S3, VMware, experience in leading teams and applying all elements of technical consulting, with the ability to articulate technical merits and value of Cloud computing.

**Minimum Education:** Bachelors

**Minimum Experience:** 8 years

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Senior Application Engineer

**Functional Responsibilities:** Influences the development and implementation of IT strategy, initiatives, and governing policies. Assembles detailed reviews of the enterprise and
documents capabilities and conceives approaches to aligning solutions with business needs. Assists in defining the direction for project and solution architecture. Supports leadership by planning and championing execution of broad initiatives. Drives the development of capability frameworks at portfolio and enterprise levels. Involved throughout project lifecycles with emphasis on the initiation, feasibility, and analysis phases. Provides Solution architecture for all the new Global Freight Forwarding initiatives. Knowledge of Cloud technologies, Windows, Linux, Mainframe and CA.


**Minimum Education:** Bachelors

**Minimum Experience:** 5 years

_______________________________________________________________

**Enterprise Cloud Architect**

**Functional Responsibilities:** Design of client’s Cloud environments with a focus on Oracle and AWS and demonstrate Technical Cloud Architectural knowledge, delivery of Cloud Strategies with focus on Cloud Migrations. Provides leadership in infrastructure migration methodologies and techniques including mass app movements into the cloud (implementation of Azure and AWS). Internal and external Nurture Cloud computing expertise. Experience with Federal Enterprise Architecture Framework and The Open Group Architecture Framework. Technical Skills Required: Microsoft Azure or Amazon Web Services Certifications, understanding across Cloud and infrastructure components, knowledge of SoftLayer, Azure, S3, VMware, experience in leading teams and applying all elements of technical consulting, with the ability to articulate technical merits and value of Cloud computing.

**Minimum Education:** Bachelors

**Minimum Experience:** 8 years

_______________________________________________________________

**Oracle Enterprise Cloud Architect**

**Functional Responsibilities:** Develops, maintains, performs, and tests backup and recovery procedures in hybrid environments. Provides proactive performance monitoring, and capacity planning. Administers and maintains security policies and procedures. Performs installations, integrations, configurations, upgrades, and migrations. Patches, clones, and
administers Oracle EBS applications. Evaluates new trends and technologies, and provide best practices recommendations to clients. Lead database consulting engagements of various sizes. Engages on projects that involve architecture, installation, upgrade, and load balancing. Administers cloud environments, such as Amazon Web Service and Oracle Cloud. Performs project consulting work, technical sales support, and mentoring junior or intermediate level DBAs. Technical Skills required: Administration of Cloud environments, including monitoring, performance tuning, release/deployment, security, reliability, availability, capacity, and latency.

**Minimum Education:** Bachelors

**Minimum Experience:** 8 years

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**Senior Enterprise Architect**

**Functional Responsibilities:** The Enterprise Architect role applies vast experience of system architectures, application technologies, data architectures, and infrastructures to support key IT initiatives. The candidate must apply their knowledge of IT best practices appropriately to define IT solutions. The individual must possess the ability to analyze solutions and technologies and provide solution architecture based on knowledge of the organization's current and future needs. The candidate will be responsible for, but not limited to: reviewing business and technical requirements, focusing on solution development throughout the project lifecycle, supporting development and testing activities, evangelizing best practices and proven patterns, and escalating architecture issues and concerns. The candidate will promote the use of Corporate IT standards, and will create architectures and designs, and will develop target state architecture.

**Minimum Education:** Bachelors

**Minimum Experience:** 10 years

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**SIN: 54151S INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES LABOR CATEGORIES**

**IT Consultant**
**Functional Responsibilities:** Serves as a lead IT consultant on task or project. Provides support to projects by developing and applying analytic methodologies. Supports project objectives through activities such as conducting interviews, gathering data, analyzing data, and developing recommendations in support of project objectives. Develops project documentation. Typically performs tasks under the direction and guidance of a Senior IT Consultant.

**Minimum Education:** Bachelors

**Minimum Experience:** 5 years

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**IT Specialist**

**Functional Responsibilities:**
Write and edit technical materials (e.g., user manuals, reports, documents, deliverables). Assist project teams in collecting and organizing information. Review work and resolve discrepancies according to strict standards and guidelines. Analyze and develop new IT requirements; prepare specifications for IT equipment acquisitions; and modify IT hardware as necessary to meet specialized user needs. Conduct site surveys to assess and document current site IT and network configuration and user requirements. Prepare implementation plans and site installation technical design packages. Prepare configuration change drawings and documentation at each site. Prepare site installation and test reports. Coordinate installation operations and maintenance support. Some or all work may be conducted independently. This may include the application of multiple engineering disciplines to IT and business modeling, analyses, specification development, hardware and software planning/implementation/ modification/coding, scheduling, configuration changes, and test reports for computer systems, messaging, and telecommunications systems.

**Minimum Education:** Bachelors

**Minimum Experience:** 5 years

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**Subject Matter Expert**

**Functional Responsibilities:** Serve as source of broad general knowledge of systems engineering, systems analysis and design, software integration, and software development with an in-depth expertise in at least one of these areas. Primary function is to perform complex technical efforts in specialty area by serving either as senior technical staff member on a large project or as a leader of a small, specialized project. Other functions are to provide, within the specialty area, quick response problem resolution, internal and external training, and marketing support to translate advanced technology theory into specific, practical applications of use for the corporation. Requires knowledge in specific professional technical field (such as artificial intelligence, statistics, electronics, computer science, mathematics, or physics) to define and solve new information processing system problems, develop engineering designs, and conduct analyses and experiments in the area of discipline.
Minimum Education: Bachelors

Minimum Experience: 7 years

**IT Consultant 2**

**Functional Responsibilities:** Supports project objectives through activities such as conducting interviews, gathering data, analyzing data, and developing recommendations in support of project objectives. Responsible for the design and development of application prototypes, utilities, and solutions across multiple environments using full life-cycle methodologies (requirements definition, design, development, testing and implementation). Can interpret risk management, cyber security, compliance, privacy, and/or audit requirements and implement them. Holds AWS certification.

Minimum Education: Bachelors

Minimum Experience: 6 years

**Advisory Engineer III**

**Functional Responsibilities:** Provides identification/fixing of problems within existing systems, design/implementation of new systems and enhancement of existing systems. Participates in analysis, design, and new construction of next generation IT systems. Responsible for understanding the needs of the customers and the realities of commercially available IT products and creating requirements that will allow implementation by the development team. Experience as a system's engineer on one or more IT platforms is preferred. Must have solid technical background with a focus on IT systems. Skill areas include telecommunications (ex. - TCP/IP, OIS/CMIP/X25), operating systems (ex. - Windows, NT, UNIX), database/DBMS (ex. - Oracle, Access, Sybase) and applications (ex. - Tivoli, PeopleSoft, etc.) is required.

Minimum Education: Bachelors

Minimum Experience: 10 years

**Principal Systems/Software Engineer**

**Functional Responsibilities:** Principal Engineer provides sophisticated programming solutions in a variety of settings and familiarity with multiple systems. Experience with database, internet, web, e-business, and commercial-off-the-shelf software, and interfaces. Demonstrated ability to work independently and manage the work of others. Areas of
expertise include: (a) Enterprise Software Engineering (b) Systems Integration (c) Enterprise Architecture (d) Unix, Linux, Windows OS (e) Cyber Security Methods.

**Minimum Education:** Bachelors

**Minimum Experience:** 8 years

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**Program Manager**

**Functional Responsibilities:** Provides direction to the teams. Defines program and project goals, plans and reports. Prepare and manage the overall project work plan. Plans, organizes, monitors, and oversees IT projects, business strategies, and technology development. Manages cross functional teams. Understands needs of business users as well as development and service support areas. Defines program and project goals, plans and reports. Responsible for all aspects of the development and implementation of assigned projects.

**Minimum Education:** Bachelors

**Minimum Experience:** 8 years

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**IT Consultant 3**

**Functional Responsibilities:** Leads or participate in consulting projects that deliver customer focused results aligned with strategic and operational goals of the Client. Obtains and shares internal and external learning and knowledge, problem solving, strategy, methodologies, tool and processes. Facilitates identification, review and analysis of strategic issues and advises regarding development and implementation of strategy for the client’s environment. May assist in developing, leading and conducting education classes. Provides guidance in analyzing, investigating, and resolving issues. Analyzes trends and issues and provides recommendations. Responsible for development, implementation, and maintenance of guidelines, policies, procedures, and processes. Provides vision and guidance for area of responsibility. Provides consultation and vision on process tools, methods, product lines, technology, implementation, support, process design, client initiatives, and business activities. May be required to oversee technical implementation and execution of strategic plans. Research and provide information on technical trends, evaluate and implement exiting applications and/or customized solutions. Has expertise and operates across one or more industries and variety of services such as information technology, e-business, cloud, security, and latest business transformation solutions. Adhere to project development and documentation standards. Provides assistance and responsible for aspects of the development and implementation process, including tasks associated with program office support.
**Minimum Education:** Bachelors

**Minimum Experience:** 8 years

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**Systems Engineer:**

**Functional Responsibilities:** Performs analysis, design, and development of complex computer systems software. Evaluates user needs with the maintenance of single-product modules and sub-systems. Designs and develops utility programs and operating systems adjuncts such as executive programs. Participates in the development of test strategies, devices, and systems. Researches and develops solutions to the systems problems identified during testing or reported by quality assurance. Assists in the identification and evaluation of software and hardware products.

**Minimum Education:** Bachelors

**Minimum Experience:** 6 years

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**IT Developer, Level 1:**

**Functional Responsibilities:** Performs software operating systems and software application programs design, development, analysis, and implementation; performs software operating systems and application engineering, including full life cycle design and development; works under limited supervision; works from specifications to develop and modify operating systems and software programming applications; designs, codes, tests, debugs, and documents programs; defines limited design specifications and parameters; resolves hardware/software compatibility and interface design considerations; analyzes system architecture requirements; performs requirements acquisition and definition and data analysis; may customize purchased applications; conducts technical and subject matter research on emerging technologies to determine impacts on application execution; analyzes and documents client needs and requirements; participates in writing, modifying, and maintaining technical documentation and specifications such as user manuals, system documentation, and training materials; performs integration testing and support of various computer operating and/or network systems; troubleshoots and provides customer support for software operating systems and application issues; maintains current knowledge of relevant hardware and software applications as assigned.

**Minimum Education:** Bachelors
**Minimum Experience:** 3 years

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**IT Developer, Level 2:**

**Functional Responsibilities:** Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical direction to programmers to ensure program deadlines are met. Analyze functional business applications and design specifications for functional areas such as finance, accounting, personnel, manpower, logistics, and contracts. Develop block diagrams and logic flow charts. Translate detailed design into computer software. Test, debug, and refine the computer software to produce the required product. Prepare required documentation, including both program-level and user-level documentation. Enhance software to reduce operating time or improve efficiency.

**Minimum Education:** Bachelors

**Minimum Experience:** 5 years

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**IT Developer, Level 3:**

**Functional Responsibilities:** Knowledge and proven experience in one or more of the following areas: translation of business requirements into technical specifications used to design, develop, and modify software systems; Analysis of user needs and software requirements to determine feasibility of design within time and cost constraints; development and direction of software system testing and validation procedures, programming, and documentation; determination of system performance standards; coordination of software system installation and monitoring equipment functionality ensuring specifications are met.

**Minimum Education:** Associate

**Minimum Experience:** 7 years

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**Database Administrator, Level 1:**
**Functional Responsibilities:** The DBA defines and administers database organizations, standards, controls, procedures, documentation and provides experienced technical consulting in the definition, design, and creation of a database environment. Advises applications development staff and users on database solutions to business problems, data architectures, database management system facilities and capabilities, and the operation and tuning of databases. Ensures economic and efficient availability of data with adequate safeguards and designs, implements, and maintains databases with respect to access methods, access time, batch processes, device allocation, validation checks, organization, protection and security, documentation, and statistical methods including maintenance of database dictionaries, and integration of systems through database design. Develops and maintains expertise in use of automated tools for database design and implementation. Database language experience is in current database technologies.

**Minimum Education:** Bachelors

**Minimum Experience:** 3 years

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**Database Administrator, Level 2:**

**Functional Responsibilities:** Understands and practices a wider range of data administration skills, often in a Business Process Reengineering context. Participates in strategic data planning, including development and implementation of database administration (DA) policies, standards, procedures, and is able to lead and train other DBA specialists. Activities may include data quality engineering, metadata consolidation and integration, metamodel development and maintenance, repository management, data warehouse design and data mining, data security administration, and formulation of enterprise-specific data metrics. Database language experience is in current database technologies.

**Minimum Education:** Bachelors

**Minimum Experience:** 5 years

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**Database Administrator, Level 3:**

**Functional Responsibilities:** Participates in the design, creation, and maintenance of secure databases. Protects information security by applying applicable security controls and monitors implementation. Responsible for quality control and auditing of databases to ensure accurate and appropriate use of data. Works with management to develop database
security strategies to support company needs. Consults with and advises users on access control and ICAM for various databases. Works directly with users to resolve data conflicts and inappropriate data usage. Directs the maintenance, security, and use of the corporate data dictionary. The Senior Database Administrator ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases. Senior Database Administrator is competent in subject matter and concepts and may lead individuals assisting in the work.

**Minimum Education:** Bachelors

**Minimum Experience:** 8 years

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**IT Systems Architect:**

**Functional Responsibilities:** Independently performs a variety of system design tasks which are broad in nature and are concerned with design and implementation of major enterprise systems development and integration, including supporting personnel, hardware, software, and support facilities and/or equipment. Supervises team of Sr. Systems Engineers, Network Engineers, Sr. Network Engineers, and Network Engineers through project completion and is considered a Subject Matter Expert (SME) in one or more specific areas of computer system design and networking. Plans and performs systems and networking engineering research, design development, and other assignments in conformance with system and network design, engineering, and customer specifications. Provides expertise on an as-needed basis to all task assignments.

**Minimum Education:** Bachelors

**Minimum Experience:** 9 years

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**Technical Expert, Level 1:**

**Functional Responsibilities:** Provide expert, independent services and leadership in specialized technical areas. Provides expertise on an as-needed basis to all task assignments. Designs, modifies, develops, writes, and implements software programming applications. Performs system analysis, testing. Provides expert advice and assistance in state-of-the-art software/hardware. Coordinates with contractor management and Government personnel to ensure that the problem has been properly defined and that the solution will satisfy the Government’s requirement.
Minimum Education: Bachelors

Minimum Experience: 5 years

Data/Technical Expert, Level 2:
Functional Responsibilities: Will define, design, or develop relational and/or multi-dimensional databases for warehousing of data. The Data Architect reviews current data structures and recommends optimizations and reconfigurations as warranted. Designs and builds relational databases. Develops strategies for data acquisitions, archive recovery, and implementation of a database. Works in a data warehouse environment, which includes data design, database architecture, metadata and repository creation. Translates business needs into long-term architecture solutions. Defines, designs, and builds dimensional databases. Develops application technology blueprints evaluating hardware and software platforms, and integrating systems. Evaluates reusability of current data for additional analyses. Reviews object and data models and the metadata repository to structure the data for better management and quicker access.

Minimum Education: Bachelors

Minimum Experience: 7 years

Technical Expert, Level 3:
Functional Responsibilities: Designs, modifies, develops, writes, and implements software programming applications. Performs system analysis, testing, and evaluation activities to ensure the integration of software, hardware, and maintainability/stability of the system. Formulates operational concepts, mission, and functional analyses, as well as conducts requirements and information analysis, cost-benefit analysis, system trade studies, and risk analysis. Supports and/or installs software applications/operating systems. Leads the testing process through test review, analysis, testing, and certification of software. Familiar with various concepts, practices, and procedures.

Minimum Education: Bachelors

Minimum Experience: 8 years

Web Developer, Level 1:
Functional Responsibilities: Provides application development and technical support for internal and external Webs; develops Web pages and applications for customers;
collaborates with graphic artists to develop Web page graphics that support interactive, marketing-focused content; provides technical consultation in new systems development, new package evaluations and enhancements of existing systems; prepares functional specifications from which programs will be written, then designs, codes, tests, debugs and documents programs; participates in the technical design, development, testing, implementation and maintenance of Web site enhancements; plans, schedules and conducts systems tests, monitors test results, and takes appropriate corrective action; may prepare technical user guides.

**Minimum Education:** Bachelors

**Minimum Experience:** 4 years

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**Web Developer, Level 2:**

**Functional Responsibilities:** Designs and develops well integrated and cost-effective solutions for internal and external Webs; works closely with client project managers and technical leaders to understand customers’ business objectives and systems requirements; designs and develops Web infrastructures; designs and implements an intranet strategy for authorization of users to access controlled components; designs relational databases to perform well logically and physically for decision support; coordinates enhancements and maintenance of Web systems and sites; provides recommendations for server operating systems, hardware requirements and encryption standards for communications to and from secure servers; provides technical advice and expertise to Webmasters and Web developers in the installation, acceptance testing, and evaluation of newly released and beta software; may serve as a functional/technical team or task lead.

**Minimum Education:** Bachelors

**Minimum Experience:** 6 years

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**Senior Data Center Consultant:**

**Functional Responsibilities:** Analyze datacenter environment and business procedures. Determine relevant business and technology issues. Assists users to determine business and technical requirements, presents alternative approaches top address requirements, and conducts evaluation studies. Performs technology research and writes technical reports, findings, and recommendations.

**Minimum Education:** Associate/Undergraduate
Minimum Experience: 15 years

Senor LAN/WAN Administrator:
Functional Responsibilities: Performs computer systems and local area network administration functions including system administration, system performance tuning, user operation, computer network and system troubleshooting, software and hardware installation and configuration work with third and fourth generation computer languages and relational database management systems. Requires a high level of skill in computer systems and LAN administration.

Minimum Education: Bachelors

Minimum Experience: 5 years

Senior Systems Administrator:
Functional Responsibilities: Knowledge and proven experience in one or more of the following areas: operating systems and their applications in a networked or standalone environment; system benchmarks and performance tuning; network protocols; network-based applications; systems planning, implementation and management for medium and large multi-user environments; system security issues and applications. Network management software and platforms; various computer architectures and vendor lines; data storage technologies and their application in the IT environment. and various computer languages and software development methodologies. Designs complex network systems from requirements. Implements networks from plans. Reviews systems requirements. Analyzes, troubleshoots, and develops solutions. Works independently at the highest technical level formulating creative solutions to diverse and highly complex technical assignments.

Minimum Education: Bachelors

Minimum Experience: 5 years

Systems Administrator:
Functional Responsibilities: Knowledge and practical experience in one or more of the following areas: operating systems and their applications in a networked (heterogeneous and
homogenous) or stand-alone environment; systems administration and configuration of at least two operating systems; and various computer languages and software development methodologies. Designs network systems from requirements. Implements networks from plans. Review’s systems requirements. Analyzes, troubleshoots and develops solutions.

**Minimum Education:** Associate/Undergraduate

**Minimum Experience:** 3 years

**Senior Network Engineer:**

**Functional Responsibilities:** Provides support for technical direction and expertise for communications (LAN/MAN/WAN) systems infrastructure activities, including network planning, designing, and implementing communications infrastructure requirements for buildings and systems. Ensures that adequate and appropriate planning is provided to direct building architects and planners in building communications spaces, networks, and media pathways to meet industry standards. Interfaces with internal and external customers and vendors to determine communications infrastructure needs. The Senior Network Engineer typically manages a Network Operations Center (NOC).

**Minimum Education:** Bachelors

**Minimum Experience:** 5 years

**Network Engineer:**

**Functional Responsibilities:** Evaluates network hardware and software, troubleshoots LAN/MAN/WAN and other network related problems and provides technical expertise for performance and configuration of networks. The Network Engineer performs general LAN/MAN/WAN administration, provides technical leadership in the integration and testing of complex large-scale computer integrated networks and develops schedules for conversions and cutovers. The Network Engineer supports the Senior Network Engineer with management of the network operations center (NOC). The Network Engineer supervises the maintenance of network systems and supports the Senior Network Engineer with the coordination of network activities with all responsible users and sites. The Network Engineer can be assigned as a Network Team Lead of a small network project.

**Minimum Education:** Associate/Undergraduate
Minimum Experience: 3 years

Senior Information Assurance Analyst:
Functional Responsibilities: Provide security architecture, policy and design guidance for business systems and networks. Individual will also provide Information Security Certification and Accreditation Support for applications, systems and networks in accordance with appropriate customer policies and processes.
Minimum Education: Bachelors

Minimum Experience: 7 years

Information Assurance Analyst:
Functional Responsibilities: Individual will provide security architecture, policy and design guidance for business systems and networks. Individual will also provide Information Security Certification and Accreditation Support for applications, systems and networks in accordance with appropriate customer policies and processes.
Minimum Education: Bachelors

Minimum Experience: 3 years

IT Service Design Manager:
Functional Responsibilities: Manages the coordination with Service Owners to design new services and enhance existing services. Manages the coordination with Service Owners to update the Service Level Agreement Template verbiage to reflect new and enhanced services. Develops and manages the ITSM tool that is used to provision services. Coordinates with Services Owners to develop and maintain processes and workflows to design and transition services to Operations. Coordinates with Service Owners to define service quality metrics/Service Level Objectives (SLOs) for new and enhanced services. Provides recommendations for the governance process. Designs the ITIL framework and provides recommendations for implementation to Operations. Develops best project management practices for service Strategy, Design and Transition. Supports the Project Manager with Task Order development, implementation and monitoring/controlling.
Minimum Education: Bachelors

Minimum Experience: 3 years

IT Project Manager/ Task Lead:
Functional Responsibilities: Monitors each task and keeps the Stakeholders abreast of all problems and accomplishments. Anticipates problems and works to mitigate the anticipated problems. As a team or project leader, provides technical direction for the complete systems development effort. May serve as a technical authority for a design area. As a staff specialist or consultant, resolves unique and unyielding systems problems using new technology. Can complete tasks within estimated time frames and budget constraints. Schedules and assigns duties to subordinates. Interacts with government management personnel. Reports in writing and orally to contractor management and government representatives, including the government contracting officer. Should be expert in project development, management, control of funds and resources, and management of multiple tasks.

Minimum Education: Bachelors

Minimum Experience: 5 years

IT Program/Contracts Manager, Level 1:
Functional Responsibilities: Directs the performance of a variety of related projects, which may be organized by technology, program or client. Acts as the overall lead, manager and administrator for the contract effort. Has experience in project development from inception to deployment, expertise in the management and control of funds and resources using complex reporting mechanisms, demonstrated capability in managing multi-task contracts and/or subcontracts of various types and complexity. Serves as the primary interface and point of contact with government program authorities and representatives on technical and program/project issues.

Minimum Education: Bachelors

Minimum Experience: 5 years

Senior Data Warehouse/IT Consultant:
**Functional Responsibilities:** Performs as a Data Warehouse Developer/Administrator on large-scale database management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives. Possesses ability to assume increasing responsibilities in enterprise data warehouse project information system design and management including spatial data modeling, enterprise GIS data management, enterprise GIS design and enterprise spatial data integration, Cloud Optimized Storage (COS) modeling, Storage as a Service design, Infrastructure as a Service (IAAS) and Data Multi-tenancy data segregation modeling. Principal Duties and Responsibilities

- Applies an enterprise-wide set of data warehouse disciplines for the planning, analysis, data refinement, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise.
- Develops analytical and computational techniques and methodology for problem solutions.
- Performs enterprise-wide strategic systems planning, business information planning, business and analysis.
- Provides daily supervision and direction to organization.

**Minimum Education:** Bachelors

**Minimum Experience:** 9 years