General Services Administration

Federal Acquisition 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 is available through GSA Advantage™, a menu-driven database system. The INTERNET address for GSA Advantage™ is: http://www.GSAAdvantage.gov.

Schedule for - Professional Services Schedule (PSS)
Federal Supply Group: PSS  Class: 
Contract Number: 47QRAA18D006V

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at http://www.gsa.gov/schedules-ordering

Contract Period: 26 March 2018 – 25 March 2023

Contractor: C4 Planning Solutions, LLC
4914 Deans Bridge Road
Blythe, GA 30805

Business Size: Large Business

In accordance with 13 C.F.R. 121.404, the Contractor is ineligible to participate in any RFQ that is set aside for small business where the subject contract’s awarded size status for the preponderance NAICS designated in the RFQ is “other than small”.

Telephone: 706-592-1520
Extension: 143
FAX Number: 706-592-1590
Web Site: www.c4plans.com
E-mail: scott.wren@c4plans.com
Contract Administration: Scott Wren, Contracts Manager
CUSTOMER INFORMATION:

1a. Table of Awarded Special Item Number(s) with appropriate cross-reference to page numbers:

<table>
<thead>
<tr>
<th>SIN</th>
<th>Recovery</th>
<th>SIN Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>871-3</td>
<td>871-3RC</td>
<td>System Design, Engineering and Integration</td>
</tr>
</tbody>
</table>

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.

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.

2. Maximum Order: $1,000,000.00

3. Minimum Order: $100.00

4. Geographic Coverage (delivery Area): Domestic and Overseas

5. Point(s) of production (city, county, and state or foreign country): Same as company address

6. Discount from list prices or statement of net price: Government net prices (discounts already deducted). See paragraph 27 below.

7. Quantity discounts: None

8. Prompt payment terms: Net 30 days

9a. Notification that Government purchase cards are accepted up to the micro-purchase threshold: Yes

9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold: Will accept over $2,500.00

10. Foreign items (list items by country of origin): None

11a. Time of Delivery (Contractor insert number of days): As specified on individual Task Orders

11b. 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
11c. Overnight and 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: Contact Contractor

11d. 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: Contact Contractor

12. F.O.B Points(s): Destination

13a. Ordering Address: Same as Contractor

13b. 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).

14. Payment address: Same as company address

15. Warranty provision: Contractor’s standard commercial warranty.

16. Export Packing Charges (if applicable): N/A

17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level): Contact Contractor

18. Terms and conditions of rental, maintenance, and repair (if applicable): N/A

19. Terms and conditions of installation (if applicable): N/A

20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): N/A

20a. Terms and conditions for any other services (if applicable): N/A

21. List of service and distribution points (if applicable): N/A

22. List of participating dealers (if applicable): N/A

23. Preventive maintenance (if applicable): N/A

24a. Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants: N/A

24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor’s website or other location.) The EIT standards can be found at: www.Section508.gov/

25. Data Universal Numbering System (DUNS) number: 168382500
26. Notification regarding registration in Central Contractor Registration (CCR) database:
Registered

27. Final Pricing:

The rates shown below include the Industrial Funding Fee (IFF) of 0.75% and apply to both Customer Site and Contractor Site work locations.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>871-3</td>
<td>Program Manager</td>
<td>$134.28</td>
<td>$136.97</td>
<td>$139.71</td>
<td>$142.50</td>
<td>$145.35</td>
</tr>
<tr>
<td>871-3</td>
<td>Project Manager</td>
<td>$88.82</td>
<td>$90.60</td>
<td>$92.41</td>
<td>$94.26</td>
<td>$96.15</td>
</tr>
<tr>
<td>871-3</td>
<td>Principal Systems Engineer</td>
<td>$66.19</td>
<td>$67.51</td>
<td>$68.86</td>
<td>$70.24</td>
<td>$71.64</td>
</tr>
<tr>
<td>871-3</td>
<td>Systems Engineer (Senior)</td>
<td>$106.74</td>
<td>$108.87</td>
<td>$111.05</td>
<td>$113.27</td>
<td>$115.54</td>
</tr>
<tr>
<td>871-3</td>
<td>Managed Systems Engineer (Senior)</td>
<td>$82.24</td>
<td>$83.88</td>
<td>$85.56</td>
<td>$87.27</td>
<td>$89.02</td>
</tr>
<tr>
<td>871-3</td>
<td>Applications Engineer</td>
<td>$70.91</td>
<td>$72.33</td>
<td>$73.78</td>
<td>$75.26</td>
<td>$76.77</td>
</tr>
<tr>
<td>871-3</td>
<td>Hardware Engineer (Senior)</td>
<td>$58.43</td>
<td>$59.60</td>
<td>$60.79</td>
<td>$62.01</td>
<td>$63.25</td>
</tr>
<tr>
<td>871-3</td>
<td>Communications/ Transmission Engineer</td>
<td>$77.62</td>
<td>$79.17</td>
<td>$80.75</td>
<td>$82.37</td>
<td>$84.02</td>
</tr>
<tr>
<td>871-3</td>
<td>Electronic Technician (Senior)</td>
<td>$71.83</td>
<td>$73.27</td>
<td>$74.74</td>
<td>$76.23</td>
<td>$77.75</td>
</tr>
<tr>
<td>871-3</td>
<td>Engineering Technician (Senior)</td>
<td>$82.91</td>
<td>$84.57</td>
<td>$86.26</td>
<td>$87.99</td>
<td>$89.75</td>
</tr>
<tr>
<td>871-3</td>
<td>Network Engineer (Lead)</td>
<td>$115.73</td>
<td>$118.04</td>
<td>$120.40</td>
<td>$122.81</td>
<td>$125.27</td>
</tr>
<tr>
<td>871-3</td>
<td>Network Engineer</td>
<td>$70.91</td>
<td>$72.33</td>
<td>$73.78</td>
<td>$75.26</td>
<td>$76.77</td>
</tr>
<tr>
<td>871-3</td>
<td>Network Consultant</td>
<td>$167.13</td>
<td>$170.47</td>
<td>$173.88</td>
<td>$177.36</td>
<td>$180.91</td>
</tr>
<tr>
<td>871-3</td>
<td>Information Security Engineer</td>
<td>$91.40</td>
<td>$93.23</td>
<td>$95.09</td>
<td>$96.99</td>
<td>$98.93</td>
</tr>
<tr>
<td>871-3</td>
<td>Information Assurance/ Security Specialist (Master)</td>
<td>$121.60</td>
<td>$124.03</td>
<td>$126.51</td>
<td>$129.04</td>
<td>$131.62</td>
</tr>
<tr>
<td>871-3</td>
<td>Software Developer (Lead)</td>
<td>$130.74</td>
<td>$133.35</td>
<td>$136.02</td>
<td>$138.74</td>
<td>$141.51</td>
</tr>
<tr>
<td>871-3</td>
<td>Software Developer</td>
<td>$91.25</td>
<td>$93.08</td>
<td>$94.94</td>
<td>$96.84</td>
<td>$98.78</td>
</tr>
<tr>
<td>871-3</td>
<td>Systems Design Analyst</td>
<td>$146.15</td>
<td>$149.07</td>
<td>$152.05</td>
<td>$155.09</td>
<td>$158.19</td>
</tr>
<tr>
<td>871-3</td>
<td>Subject Matter Expert (Senior)</td>
<td>$94.94</td>
<td>$96.84</td>
<td>$98.78</td>
<td>$100.76</td>
<td>$102.78</td>
</tr>
<tr>
<td>871-3</td>
<td>Subject Matter Expert</td>
<td>$82.88</td>
<td>$84.54</td>
<td>$86.23</td>
<td>$87.95</td>
<td>$89.71</td>
</tr>
<tr>
<td>871-3</td>
<td>Enterprise Architect</td>
<td>$92.82</td>
<td>$94.68</td>
<td>$96.57</td>
<td>$98.50</td>
<td>$100.47</td>
</tr>
<tr>
<td>871-3</td>
<td>Data Architect</td>
<td>$87.75</td>
<td>$89.51</td>
<td>$91.30</td>
<td>$93.13</td>
<td>$94.99</td>
</tr>
<tr>
<td>871-3</td>
<td>Configuration Manager (System)</td>
<td>$60.69</td>
<td>$61.90</td>
<td>$63.14</td>
<td>$64.40</td>
<td>$65.69</td>
</tr>
<tr>
<td>871-3</td>
<td>QA/QC Manager</td>
<td>$58.57</td>
<td>$59.74</td>
<td>$60.93</td>
<td>$62.15</td>
<td>$63.39</td>
</tr>
<tr>
<td>871-3</td>
<td>Financial Analyst</td>
<td>$58.49</td>
<td>$59.66</td>
<td>$60.85</td>
<td>$62.07</td>
<td>$63.31</td>
</tr>
<tr>
<td>871-3</td>
<td>Technical Writer</td>
<td>$64.42</td>
<td>$65.71</td>
<td>$67.02</td>
<td>$68.36</td>
<td>$69.73</td>
</tr>
<tr>
<td>871-3</td>
<td>Draftsman</td>
<td>$58.79</td>
<td>$59.97</td>
<td>$61.17</td>
<td>$62.39</td>
<td>$63.64</td>
</tr>
</tbody>
</table>

Service Contract Act: The Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Services Schedule (PSS) Schedule and all services provided. While no specific labor categories have been identified as being subject to SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CRF 541.300), this contract still maintains the provisions and protections for SCA eligible labor categories. If and / or when the contractor adds SCA labor categories / employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCA matrix identifying the GSA labor category titles, the occupational code, SCA labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.
LABOR CATEGORY DESCRIPTIONS

PROGRAM MANAGER

Duties: Serves as the single point of contact for contract/program management requirements. The Program Manager shall be the contractor's authorized interface with the Government Contracting Officer (CO), the contract-level Contracting Officer's Representative (COR), government management personnel, and customer agency representatives. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, and supervising contractor personnel; and, communicating policies, purposes, and goals of the organization to subordinates. Responsible for overall contract performance and shall not serve in any other capacity under any specific contract.

Education: Master’s degree in Management, Engineering, Computer Science, Information Systems, Business, or other related scientific or technical discipline.

Experience: Requires a minimum of 12 years program management experience. Experience includes increasing responsibilities in information systems design and management. With a PhD, 8 years of relevant experience is required. Twenty (20) years of related experience may be substituted for an advanced degree.

PROJECT MANAGER

Duties: Performs day-to-day management of assigned projects that involve teams of engineers, scientists, and management professionals involved in the engineering, analyses, design, integration, testing, documentation, implementation, and maintenance of complex systems. Demonstrates proven skills in those technical areas addressed in the project that he/she is responsible for managing. Organizes, directs, and coordinates the planning and production of all activities associated with assigned projects. Demonstrates written and oral communication skills.

Education: Bachelor’s degree in Management, Engineering, Computer Science, Information Systems, Business, or other related scientific or technical discipline.

Experience: Requires a minimum of 10 years project management experience. Experience includes increasing responsibilities in information systems design and management.

PRINCIPAL SYSTEMS ENGINEER

Duties: Leads and participates in highly complex information system (IS) projects. Installs, generates, maintains, tests, debugs, and integrate system software programs with Commercial/Government Off-the-Shelf (COTS/GOTS) IS applications and support equipment. Develops instructions for integration of operating systems (OS) software and modifies/maintains integration packages via releases and utilities from manufacturers in a multi-OS and/or network operating system (NOS) environment. Evaluates existing OS/COTS/GOTS software and recommends changes. Optimizes systems software performance. Responsible for applications dealing with the overall OS, such as sophisticated file maintenance routines, networks, Computer-Aided Design (CAD) or Geographic Information System (GIS) software, or mathematical/scientific software packages. Engineers highly complex software that may relate directly to system performance or device control.

Education: Bachelor’s Degree in Engineering, Computer Science, or Information Systems.

Experience: Requires 8 years of experience in OS programming and/or analysis with more than one OS and/or NOS. Information Assurance (IA) and Computing Environment (CE) certifications as required by DOD 8570.01-M, if performing IAT or IAM functions. Ten (10) years relevant experience that includes 4 years of experience working independently on highly complex OS analysis/programming projects using programming languages/utilities for more than one OS and/or NOS environment may be substituted for a Bachelor’s Degree.
SYSTEMS ENGINEER (SENIOR)

**Duties:** Provides project supervision and management for major information system program activities. Manages and directs technical project/program personnel to ensure objectives are met with top quality and levels of performance. Manages large projects involving multifunctional tasking and substantial complexity. Engineers, plans and supervises major system life cycle support tasks/functions including requirements definition, acquiring, integration, test and evaluation, fielding and installation.

**Education:** Bachelor’s Degree in Engineering, Computer Science, or equivalent.

**Experience:** Requires 8 years of experience. Twelve (12) years of relevant work experience may be substituted for a Bachelor’s Degree.

MANAGED SYSTEMS ENGINEER (SENIOR)

**Duties:** Performs duties such as site surveys, architecture designs, system evaluations, system analyses, and infrastructure assessments in support of information system deployment. The managed system engineer shall perform duties on tasks that require expertise in system/processor architecture, wired for management baseline, desktop management interface, client/server architecture, operating systems, software applications, network protocols (e.g., Simple Network Management Protocol-SNMP), routers, switches, remote access servers, and firewalls.

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

**Experience:** Requires 6 years related work experience. Certified DOD 8570 and CompTIA Security Plus with a Computing Environment (CE) certification. Eight (8) years relevant experience may be substituted for a Bachelor's Degree.

APPLICATIONS ENGINEER

**Duties:** Performs functions required for development, delivery, and assessment of software applications. Develops application outline based on defined objectives. Defines instructional approach for each instructional unit addressing daily objectives, presentation approach, required development materials, required ancillary equipment (audio/visual, computer, classroom), and quality assurance approach. Delivers application in accordance with defined approach. Assesses the effectiveness of the application through testing, observation, interviews, and operational scenarios. Reports on application effectiveness with recommendations for improvement. Coordinates with the engineering staff on applications development projects.

**Education:** Bachelor's Degree or equivalent in Engineering, Computer Science, Programming, or other related field.

**Experience:** Requires 4 years’ experience. Eight (8) years relevant work experience may be substituted for a Bachelor's Degree.

HARDWARE ENGINEER (SENIOR)

**Duties:** Provides analyses related to the design, development, and implementation of hardware for system products. Develops devices, systems, and test strategies. Performs stress and performance tests on a variety of computer and non-computer hardware. Possesses and applies a comprehensive knowledge across key tasks and performs on high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others.

**Education:** Bachelor's Degree or equivalent in Engineering, Computer Science, Information Systems, or other related field.
Experience: Requires 8 years of experience. Ten (10) years relevant experience may be substituted for a Bachelor's Degree.

COMMUNICATIONS/TRANSMISSION ENGINEER

Duties: Responsible for providing Tier 2 (Field Services) engineering and higher network support. Supports connectivity to the Global Information Grid (GIG), the Defense Information System Network (DISN), and other Department of Defense (DoD) networks. Provides support for operational requirements to engineer, design, and manage all aspects of the customer tactical Command, Control, Communications, Computers and Intelligence (C4I) networks for voice, video, and data services to include satellite communications. Experienced with maintaining and operating Time-Division Multiplexing (TDM) legacy voice in support of Defense Switched Network (DSN) and Defense Red Switch Network (DRSN) systems.

Education: Bachelor’s Degree in Engineering, Computer Science, Information Systems, or other related field.

Experience: Requires 4 years of experience. Eight (8) years relevant work experience may be substituted for a Bachelor's Degree.

ELECTRONIC TECHNICIAN (SENIOR)

Duties: Supervises and supports the production of network electronics (e.g., network power distribution units, radio frequency modems and interface, and signal entry panel) development projects. Responsible for development of production plans and procedures. Assists in development of production master plans with developing contractors and customers. May support both the acquisition and user communities to meet production needs. Serves as member of production support team to evaluate and document system capabilities to meet requirements. Provides production planning support to include production resource plans and productions concepts. Determines data collection requirements and methods and implements collection strategy during production conduct. Responsible for the assembly of equipment. Performs installation, test, troubleshooting, and repair of various communications, radar, navigation, imaging, network, and associated electronics equipment. Supports both afloat and land-based system projects.

Education: Associate’s Degree in Engineering or Electronics discipline.

Experience: Requires 6 years of experience. Eight (8) years relevant work experience may be substituted for an Associate’s Degree.

ENGINEERING TECHNICIAN (SENIOR)

Duties: Independently plan and accomplish complete electronic system projects or studies of broad scope and complexity.

Education: Associate’s Degree in an Engineering or Electronics discipline.

Experience: Requires 10 years of progressive experience in the planning and performance of electronic systems field services of which at least 2 years of experience must be directly involved with electronic systems to include, but not limited to communications systems, information systems, and electronic warfare systems. High school diploma or GED plus U.S. Navy Electronics “B or C” school or equivalent as identified in the definition for Technical Rating. Twelve (12) years of progressive experience in the planning and performance of electronic systems field services may be substituted for an Associate’s Degree.

NETWORK ENGINEER (LEAD)

Duties: Provides comprehensive definition of all aspects of system development from analysis of mission needs, engineering and design, to verification of system performance. Performs evaluation of alternatives and risk mitigation. Applies an enterprise-wide set of disciplines for the planning, analysis,
design and construction of information systems (IS) on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and conceptual techniques and methodologies for fault isolation and problem resolution. Performs enterprise-wide strategic systems planning, IS integration planning and systems interoperability analysis. Performs process modeling in support of the planning and analysis efforts using both manual and automated tools. Provides automated military network modeling through use of such tools as the Joint C4ISR Automated Planning System (JCAPS) and the Tactical Network Automated Planning System (Plus) (TNAPS+). Applies standard engineering and re-engineering disciplines to develop complex technical documents. Has experience with strategic to tactical military IS engineering, design, development, and application. Provides technical guidance in software engineering techniques and automated support tools.

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

**Experience:** Requires a minimum of 8 years of experience, of which at least 6 years must be specialized. Specialized experience includes: use of structured analysis, design methodologies and design tools (e.g., IDEF1x and entity relationship diagrams), and other design techniques, object-oriented principles, and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. With 14 years of general experience of which at least 8 years must be specialized experience, a degree is not required.

**NETWORK ENGINEER**

**Duties:** Assists in the establishment of information systems (IS) requirements using the analysis results of engineering personnel in the development of enterprise-wide or large-scale IS. 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 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. This includes the Institute of Electrical and Electronic Engineers (IEEE) Open Systems Environment (OSE) reference model, as it applies to the implementation and specification of an information management solution of the application platform, across the Application Program Interface (API), and the external environment/software application. Ensures that the common operating environment is Technical Architecture Framework for Information Management (TAFIM) compliant. Analytically and systematically evaluates problems of workflow, organization, and planning and develops appropriate corrective action.

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

**Experience:** Requires a minimum of 4 years of experience, of which at least 2 years must be specialized. Specialized experience includes: use of structured analysis, design methodologies and design tools (e.g., IDEF1x and entity relationship diagrams), and other design techniques, object-oriented principles, and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. With 8 years of general experience, of which at least 4 years must be specialized experience, a Bachelor's Degree is not required.

**NETWORK CONSULTANT**

**Duties:** The primary responsibility will be to provide complete front-to-end engineering, design, and installation of Internet Protocol (IP) network solutions. Responsibilities include Tier III and Tier IV technical consultation support to network components and equipment. Responsibilities also include technical consultation support to the project planning team for the development and implementation of network solutions. Responsible for supporting many data networking protocols and requires in-depth working knowledge of Frame Relay, Ethernet, MPLS, TCP/IP, VPN, and IP Telephony, with full
working knowledge of the OSI model, routing protocols and their application to router configurations. Assists in the design, writing and execution of various test plans on developed network elements using various test tools and hardware.

**Education:** Master’s Degree in Engineering, Business, Computer Science, or Information Systems.

**Experience:** Requires a minimum of 10 years of experience that includes, network design, operational support and hands-on implementing and configuration of network devices such as servers, routers, hubs, and switches. Must be CCNP with a desired CCIE certification. Information Assurance (IA) and Computing Environment (CE) certifications as required by DOD 8570.01-M, if performing IAT or IAM functions. Twelve (12) years relevant experience and required certification may be substituted for a Bachelor’s Degree.

**INFORMATION SECURITY ENGINEER**

**Duties:** Develops and executes architecture strategies; performs feasibility studies and integration analyses. Supervises and provides guidance, as required, implementing various small-scale architectures and supporting implementation of mid-range and large-scale information systems (IS) solutions. Must be capable of leading a team/task in systems application development sequences. Must be capable of participating in the design and development of both hardware and software systems and applicable subsystems that comprise IS solutions that range from moderately complex to extremely complex systems. Must be capable of developing mechanical and architectural diagrams for small-scale client/server and mainframe system applications. Responsible for gathering and defining the architecture requirements and for ensuring that the architectures are compatible and in compliance with the appropriate technical/performance requirements and project standards.

**Education:** Bachelor’s Degree in Computer Science, Information Systems or Cyber/Information Security.

**Experience:** Requires 4 years of experience planning for, designing, building, and implementing IS solutions. At least 3 years’ experience developing applications, developing and deploying networks, and producing technical architectures for small-scale client/server and mainframe system applications.

**INFORMATION ASSURANCE/SECURITY SPECIALIST (MASTER)**

**Duties:** Provides technical/management leadership on major cyber/information assurance (IA) tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for the management, methods, and staffing to ensure that technical design/integration requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. Researches, analyzes, and determines enterprise IA and security standards. Develops and implements IA/security standards, procedures, doctrine, and policies. Coordinates, develops, and evaluates security programs for an organization. Recommends IA/security solutions to support customer requirements. Establishes and satisfies IA and security requirements based upon the analysis of user, policy, regulatory, and resource demands. Applies know-how to government and commercial common user systems, as well as to dedicated special purpose systems requiring specialized security features and procedures. Performs the analysis, design, and development of security features for system architectures. Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general IA-related technical problems and provides basic engineering and technical support in solving these problems. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.
**Education:** Master’s Degree in Computer Science, Information Systems or Cyber/Information Security.

**Experience:** Requires 10 years related work experience. Certified DOD 8570 and CompTIA Security Plus with a Computing Environment (CE) certification. Twelve (12) years relevant experience and required certification may be substituted for a Bachelor’s Degree.

**SOFTWARE DEVELOPER (LEAD)**

**Duties:** Manages personnel and processes for software application development and software integration techniques to facilitate rapid software development cycles. Manages the integration of existing decision support software applications or converts existing applications to a relational database structure. Responsible for functional code sequences to ensure new software modules are integrated into existing applications in the most efficient manner. Manages small development teams in addition to the technical support processes for the end-user community.

**Education:** Bachelor’s Degree in Computer Science or equivalent.

**Experience:** Requires 6 years of experience in software development and integration. Must have experience developing relational database driven tool suites. Specific skills required include; SQL queries, SQL commands, Open Database Connectivity (ODBC) integration techniques, Visual Basic,.NET Framework, and C++.

**SOFTWARE DEVELOPER**

**Duties:** Responsible for software application development and software integration techniques to facilitate rapid software development cycles. May integrate existing decision support software applications or convert existing applications to a relational database structure. Responsible for functional code sequences to ensure new software modules are integrated into existing applications in the most efficient manner. Works in a small development team environment and is responsible for limited technical support for the end-user community.

**Education:** Bachelor’s Degree in Computer Science or equivalent.

**Experience:** Requires 4 years of experience with software development and integration. Must have experience developing relational database driven tool suites. Specific skills required include; SQL queries, SQL commands, Open Database Connectivity (ODBC) integration techniques, Visual Basic,.NET Framework, and C++.

**SYSTEMS DESIGN ANALYST**

**Duties:** Provides project supervision and management for major information system (IS) program activities. Provides comprehensive definition of all aspects of system development from analysis of mission needs to the verification of system performance. Performs evaluation of alternatives and assessment of risks and costs. Applies an enterprise-wide set of disciplines for the planning, analysis, design, and construction of IS on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and conceptual techniques and methodology for problem solutions. Performs enterprise-wide strategic systems planning, business information planning, and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools. Provides automated military network modeling through use of such tools as the Joint C4ISR Automated Planning System (JCAPS) and the Tactical Network Automated Planning System (Plus) (TNAPS+). Applies standard engineering and re-engineering disciplines to develop migration strategy and planning documents. Has experience with strategy to tactical military IS engineering, design, development, and application. Provides technical guidance in software engineering techniques and automated support tools.

**Education:** Bachelor’s Degree in Computer Science, Engineering or equivalent.

**Experience:** Requires 8 years of experience in project management/implementation. A Master’s Degree may be substituted with 6 years of related experience.
SUBJECT MATTER EXPERT (SENIOR)

**Duties:** Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. Serves as subject matter expert, possessing in-depth knowledge of a particular area, such as business, computer science, engineering, mathematics, or the various sciences. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Participates as needed in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Applies principles, methods and knowledge of the functional area of capability to specific project/task requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. May supervise others.

**Education:** Master’s Degree in Engineering, Computer Science, or equivalent.

**Experience:** Requires 10 years of experience in systems engineering and planning. Twelve (12) years of experience may be substituted for a Master’s Degree.

SUBJECT MATTER EXPERT

**Duties:** Provides comprehensive support for doctrinal Command, Control, Communications, and Computer (C4) systems engineering planning, operations, and management activities. Subject Matter Experts (SMEs) are experienced in the multi-service tactics, techniques, policies, and procedures that control the systems planning, installation, activation, integration, operations, sustainment and deactivation of deployed force information systems. SMEs perform evaluation of alternative technologies and risk mitigation by using legacy systems in new ways. Develops analytical and conceptual techniques and methodologies for fault isolation and problem resolution for deployed systems. Performs strategic/tactical systems engineering, planning, information systems integration planning and systems interoperability analysis planning for joint service customers. Provides automated military network modeling through use of such tools as the Joint C4ISR Automated Planning System (JCAPS) and the Tactical Network Automated Planning System (Plus) (TNAPS+). Applies standard engineering and re-engineering disciplines to develop complex technical documents. Has experience planning, activating, and controlling joint force telecommunications systems.

**Education:** Bachelor’s Degree in Engineering, Computer Science, or equivalent.

**Experience:** Requires 10 years of experience in systems engineering and planning. A Master’s Degree may be substituted with 8 years of related experience.

ENTERPRISE ARCHITECT

**Duties:** Responsible for designing and implementing information systems which will adequately support the enterprise infrastructure of an organization. Analyzes system requirements and ensures that systems will offer security and will be effectively integrated with current applications. Ensures that all systems are working at optimal levels and offers engineering support to applications development regarding new technologies and system requirements. Has thorough knowledge of infrastructure, application programming, and web and software applications.

**Education:** Master’s Degree or equivalent in Engineering, Computer Science, Information Systems, or other related field.
Experience: Requires 8 years of experience. Ten (10) years of experience and a Bachelor's Degree or equivalent in Engineering, Computer Science, Information Systems, Programming, or other relevant experience may be substituted for a Master’s Degree.

DATA ARCHITECT

Duties: Designs and builds relational databases. Performs data access analysis design, and archive/recovery design and implementation. Develops strategies for data acquisitions, archive recovery, and implementation of a database. Works in a data warehouse environment, which includes data design, database architecture, and metadata repository creation. Translates business needs into long-term architecture solutions. Defines, designs, and builds dimensional databases. Develops data warehousing blueprints, evaluating hardware and software platforms, and integrating systems. Reviews and develops object and data models and the metadata repository to structure the data for better management and quicker access.

Education: Master’s Degree or equivalent in Engineering, Computer Science, Information Systems, or other related field.

Experience: Requires 8 years of experience. Ten (10) years of experience and a Bachelor's Degree or equivalent in Engineering, Computer Science, Information Systems, Programming, or other relevant experience may be substituted for a Master’s Degree.

CONFIGURATION MANAGER (SYSTEM)

Duties: Responsible for administration of hardware (HW) and software (SW) configuration management (CM) activities. Formulates procedures for and executes the introduction of changes to engineering documents. Monitors the review of released engineering change data and change accounting activities to ensure adherence to CM procedures and policies. Establishes and maintains HW/SW and documentation baselines of identified configuration items (CIs); tracks and controls changes to the base-lined CIs; maintains the integrity of the baselined CIs; and provides accurate status accounting of configuration data to stakeholders.

Education: Bachelor’s Degree in Engineering, Computer Science, Information Systems, or other related field.

Experience: Requires 5 years of experience. Eight (8) years relevant work experience may be substituted for a Bachelor's Degree.

QA/QC MANAGER

Duties: Responsible for the design and implementation of policies and procedures to ensure that quality standards are met during the performance of a project or task. Oversees testing of processes and products. Familiar with a variety of QA/QC concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish quality goals. Leads and directs the work of others.

Education: Bachelor’s Degree in area of specialty.

Experience: Requires 4 years of experience in the field or in a related area. Eight (8) years relevant experience may be substituted for a Bachelor’s Degree.

FINANCIAL ANALYST

Duties: Provides support in the areas of budget, billing, reporting, and financial management for project initiatives. Monitors all financial management and administrative activities, such as task budgeting, manpower and resource planning, and financial reporting. Develops Work Breakdown Structures (WBS). Prepares charts, tables, graphs, and diagrams to assist in analyzing problems. Provides daily supervision and direction to staff. May perform EVM analyses and assist with the creation and updating of project control plans, diagrams, and associated financial documentation.
**Education:** Bachelor’s Degree in Business, Accounting, Management, Engineering, or other related scientific or technical discipline.

**Experience:** Requires a minimum of 4 years of experience, of which at least 2 years must be specialized. General experience includes increasing responsibilities in general accounting or financial management activities. Specialized experience includes the preparation and analysis of financial statements and development of complex project schedules. Must understand the principles of Earned Value Management (EVM). Must demonstrate the ability to work independently or under only general direction. Eight (8) years of general experience with at least 6 years of specialized experience may be substituted for a Bachelor’s Degree.

**TECHNICAL WRITER**

**Duties:** Must be able to conceptualize, format, structure, write, edit and finalize technical manuals, orders, specifications, modification work orders, and test plans, procedures and results. Prepares, maintains, and updates technical documents such as reference manuals, user manuals, training manuals, and installation guides throughout the life cycle of the system or the project. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents. Responsibilities include maintaining technical documentation, assuring the accuracy of technical documents, and maintaining technical libraries.

**Education:** Bachelor’s Degree.

**Experience:** Requires 5 years of experience in writing, editing and managing technical documentation and operator/maintenance manuals for military systems and equipment. Knowledge of applicable military standards, specifications and test practices is required. An Associate’s Degree and 7 years of related experience may be substituted for a Bachelor’s Degree.

**DRAFTSMAN**

**Duties:** Transforms initial rough information system product designs using Computer-Aided Design (CAD) software into system drawings. Reviews engineering, design, and interface drawings to ensure adherence to established program/project specifications and standards. Relies on instructions and pre-established guidelines to perform task requirements. Prepares mechanical, electronic, architectural, and/or system drawings, as well as, technical illustrations, assembly drawings, schematics, facility layouts, wiring diagrams, drawing packages, and wire lists. Develops design documentation from concept to completion in research and development program/projects.

**Education:** Associate's Degree from an accredited school in drafting or illustration.

**Experience:** Requires 2 years of experience in drafting or illustrating in the mechanical or electronics field supporting system design, engineering, and integration programs/projects. High school diploma or equivalent and 5 years of experience in drafting or illustrating utilizing CAD software (e.g., Visio, AutoCAD, ViaCAD, or similar software) in the mechanical engineering or electronics field supporting information systems programs/projects may be substituted for an Associate's Degree.