



**General Services Administration  
Federal Supply Service  
Authorized Federal Supply Schedule Price List**

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

**Schedule:** Multiple Award Schedule (MAS)

**Category:** Information Technology      **Class:** DA01

**Contract Number:** 47QTCA19D00EW

For more information on ordering from Federal Supply Schedules go to the GSA Schedules page at GSA.gov

**Special Item No. 54151S Information Technology Professional Services**

**Wingbrace, LLC**

6 Evergreen Lane

Hingham, MA 02043

Phone: 617-480-8737

<https://wingbrace.com/>

**Period Covered by Contract: July 8, 2019 – July 7, 2029**

**Business Size: Service-Disabled Veteran Owned Small Business (SDVOSB)**

Pricelist current through Modification #: PO-0012, Effective: 07/08/24

**Wingbrace, LLC**

6 Evergreen Lane • Hingham, MA 02043 • [info@wingbrace.com](mailto:info@wingbrace.com)

## **GSA Awarded Terms and Conditions**

**1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINS)**

Special Item No. 54151S Information Technology Professional Services  
Special Item No. OLM Order Level Materials

**1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN**

See attached Price List.

**1c. HOURLY RATES (Services Only)**

See attached Price List.

**2. MAXIMUM ORDER**

The Maximum Order value for the following Special Item Numbers (SINs) is \$500,000:

Special Item Number 54151S Information Technology Professional Services

The Maximum Order value for the following Special Item Numbers (SINs) is \$250,000:

Special Item Number OLM Order Level Materials

**3. MINIMUM ORDER**

The minimum dollar value of orders to be issued is \$100.00.

**4. GEOGRAPHIC COVERAGE**

The Geographic Scope of Contract will be domestic delivery only. Domestic delivery is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

**5. POINT OF PRODUCTION**

NA – Offering Services

**6. DISCOUNT FROM LIST PRICES**

Net GSA pricing is listed in attached Price List. Basic discounts have been deducted.

**7. QUANTITY/VOLUME DISCOUNTS**

N/A

**8. PROMPT PAYMENT TERMS**

Net Thirty (30) Days

**9. FOREIGN ITEMS**

None

**10a. TIME OF DELIVERY**

To be Determined by Task

**10b. EXPEDITED DELIVERY**

To be Determined by Task

**10c. OVERNIGHT AND 2-DAY DELIVERY**

Please contact contractor for overnight and 2-day delivery.

**10d. URGENT REQUIREMENTS**

When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

**11. F.O.B. POINT**

Destination

**12a. ORDERING ADDRESS**

6 Evergreen Lane  
Hingham, MA 02043

**12b. ORDERING PROCEDURES**

For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.

**13. PAYMENT ADDRESS**

6 Evergreen Lane  
Hingham, MA 02043

**14. WARRANTY PROVISION**

Standard Commercial Warranty Policy

**15. EXPORT PACKING CHARGES**

N/A

**16. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR**

For terms and conditions of rental please see page 5. Should any equipment not work properly we will send you replacement equipment swapping out the non-operating equipment with working equipment for no extra fee.

**17. TERMS AND CONDITIONS OF INSTALLATION**

N/A

**18a. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES**

N/A

**18b. TERMS AND CONDITIONS FOR ANY OTHER SERVICES**

N/A

**19. LIST OF SERVICE AND DISTRIBUTION POINTS**

N/A

**20. LIST OF PARTICIPATING DEALERS**

N/A

**21. PREVENTIVE MAINTENANCE**

N/A

**22a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (E.G., RECYCLED CONTENT, ENERGY EFFICIENCY, AND/OR REDUCED POLLUTANTS)**

N/A

**22b. SECTION 508 COMPLIANCE**

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following: N/A. The EIT standard can be found at: [www.Section508.gov/](http://www.Section508.gov/).

**23. DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER**

079547395

**24. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) WEBSITE**

Active

### Approved MAS Prices

*All Prices Include the Industrial Funding Fee (IFF)*

SIN	Service	Option Period Year 6 07/08/24 – 07/07/25	Option Period Year 7 07/08/25 – 07/07/26	Option Period Year 8 07/08/26 – 07/07/27	Option Period Year 9 07/08/27 – 07/07/28	Option Period Year 10 07/08/28 – 07/07/29
54151S	Architect 1	\$165.26	\$169.39	\$173.62	\$177.96	\$182.42
54151S	Architect 2	\$258.68	\$265.15	\$271.78	\$278.57	\$285.53
54151S	Architect 3	\$262.33	\$268.89	\$275.61	\$282.50	\$289.56
54151S	Delivery Lead 1	\$156.47	\$160.38	\$164.39	\$168.50	\$172.72
54151S	Delivery Lead 2	\$181.25	\$185.78	\$190.43	\$195.19	\$200.07
54151S	Delivery Lead 3	\$208.18	\$213.39	\$218.72	\$224.19	\$229.79
54151S	Subject Matter Expert 2	\$336.56	\$344.98	\$353.60	\$362.44	\$371.50
54151S	Subject Matter Expert 3	\$421.34	\$431.87	\$442.67	\$453.73	\$465.08
54151S	Configuration Management Analyst - Junior	\$111.05	\$113.83	\$116.68	\$119.60	\$122.59
54151S	Configuration Management Analyst - Journeyman	\$141.44	\$144.98	\$148.60	\$152.32	\$156.13
54151S	Computer Engineer - Journeyman	\$107.71	\$110.40	\$113.16	\$115.99	\$118.89
54151S	Computer Engineer - Senior	\$127.10	\$130.28	\$133.53	\$136.87	\$140.29
54151S	Data Scientist - Senior	\$192.32	\$197.13	\$202.06	\$207.10	\$212.28
54151S	Exercise Developer - SME	\$189.67	\$194.42	\$199.27	\$204.25	\$209.36
54151S	Integration Engineer - Journeyman	\$126.72	\$129.88	\$133.13	\$136.45	\$139.87
54151S	Integration Engineer - Senior	\$149.53	\$153.27	\$157.10	\$161.03	\$165.06
54151S	M&S Systems Engineer - Journeyman	\$140.18	\$143.69	\$147.28	\$150.96	\$154.74
54151S	M&S Systems Engineer - Senior	\$173.61	\$177.95	\$182.41	\$186.97	\$191.65
54151S	QA Engineer - SME	\$160.27	\$164.28	\$168.39	\$172.60	\$176.92
54151S	Software Engineer - Junior	\$151.59	\$155.38	\$159.26	\$163.24	\$167.32
54151S	Software Engineer - Journeyman	\$178.34	\$182.80	\$187.38	\$192.06	\$196.87
54151S	Software Engineer - Senior	\$209.78	\$215.03	\$220.41	\$225.92	\$231.58
54151S	Software Engineer - SME	\$246.83	\$253.00	\$259.32	\$265.80	\$272.45
54151S	Systems Engineer - SME	\$170.09	\$174.34	\$178.70	\$183.16	\$187.74
54151S	Technical Writer - Junior	\$94.76	\$97.13	\$99.56	\$102.05	\$104.59
54151S	Technical Writer - Journeyman	\$115.63	\$118.52	\$121.48	\$124.51	\$127.63
54151S	Test Engineer - Journeyman	\$115.63	\$118.52	\$121.48	\$124.51	\$127.63
54151S	UI/UX Engineer - Senior	\$138.32	\$141.77	\$145.32	\$148.96	\$152.69

The Service Contract Labor Standards (SCLS) is applicable to this contract as it applies to the entire MAS and all services provided. While no specific labor categories have been identified as being subject to SCLS 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 SCLS eligible labor categories. If and / or when the contractor adds SCLS labor categories / employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCLS matrix identifying the GSA labor category titles, the occupational code, SCLS labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.

**Labor Category Descriptions**

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
54151S	Architect 1	<p>Has accumulated the experience to design and coach Software, Analytics, Infrastructure, Integrations, or Operation architecture solutions for end-users from concept through system retirement.</p> <p><u>General Responsibilities:</u> Defines the problem, gathers the constraints, assesses the feasibility, and derives the to-be system requirements and high-level design. Analyzes end-user needs, non-functional constraints (including performance), compliance requirements and gap assessments to direct the development team’s delivery. Supports the program’s flow of data, environment management, releases management, test program and automation for end-user deliverables.</p> <p><u>Specific Responsibilities:</u> Defines the problem, gathers the constraints, assesses the feasibility, and derives the to-be system requirements and high-level design. Analyzes end-user needs, non-functional constraints (including performance), compliance requirements and gap assessments to direct the development team’s delivery. Supports the program’s flow of data, environment management, releases management, test program and automation for end-user deliverables.</p>	Bachelor’s degree	4 Years
54151S	Architect 2	<p>to-be system requirements and high-level design. Analyzes end-user needs, non-functional constraints (including performance), compliance requirements and gap assessments to direct the development team’s delivery. Supports the program’s flow of data, environment management, releases management, test program and automation for end-user deliverables. Specific Responsibilities: supports tool selection including those required for Continuous Integration, Continuous Delivery, Automated testing and other DevOps practices, maximizes reuse and minimizes technical debt, researches, designs, develops, and tests end-user deliverables, leads technical development team members, contributes to deliverables, training and documentation, maintains hardware and software architecture documentation, analyzes system downtimes, vulnerabilities, proposed system modifications, upgrades and new COTS integrations, analyzes user needs and requirements to determine</p>	Bachelor’s degree	7 Years
54151S	Architect 3	<p>feasibility of design within time and cost constraints, collaborates with functional and technical analysts and developers to design solutions, communicate system limitations, consults with other technical team to evaluate hardware and software interfaces, develop specifications and best-practices, assist with documenting non-functional requirements and aids in the triage of customer problems and system defects, coordinates system deployments and assists with the monitoring and to ensure operational requirements are met, where possible, designs, develops and modifies technical systems, using scientific methods and mathematical models aimed at predicting and technical design options, develops and direct system testing, verification and validation procedures and documentation, and estimates development timelines and costs (e.g. size user stories and plan releases).</p>	Bachelor’s degree	10 Years

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
54151S	Delivery Lead 1	<p>Lead and own the Software, Analytics, Infrastructure, Integrations, and Operational solutions delivery, including supervising the team’s performance. Serve as single point of contact for the Government program manager.</p> <p><u>General Responsibilities:</u> Direct, status and assure development, implementation, and maintenance of Software, Analytics, Infrastructure, Integrations, and Operational solutions in support of end-user requests.</p>	Bachelor’s Degree	2 Years
54151S	Delivery Lead 2	<p><u>Specific Responsibilities:</u> develops and maintains the project/program roadmap and high-level milestones, develops and tracks project/program risk/issue mitigations, monitors the project/program cost, schedule and performance (e.g. using Agile metrics), gathers and provides status reporting to leadership, supports the change management process (e.g. collaborates with the product owner when user stories are added or removed), supports leadership and technical teams with inputs to plans (e.g. release, employment, user acceptance), project and program feasibility, cost versus benefit analysis, return on investment analysis, suggested priorities and initiatives, and technical design decisions, assesses application/systems architecture and designs for risk, trade-offs and alternative solutions, coordinates with SME’s, architects and developers to orchestrate the software, hardware, and data delivery and transition to its operational use, facilitates the team delivery processes and coaches delivery methodology (e.g. Scrum), supports project/program escalations as necessary, manages subcontractor partners, staffs the project/program, assesses team performance, and reviews all deliverables for completeness and consistency.</p>	Bachelor’s Degree	5 Years
54151S	Delivery Lead 3	<p>Has accumulated specialized technical knowledge and is considered expert in skill level for IT service domains such as, but not limited to, Architectures, Application Development, Software Development Lifecycle, Analytics, Infrastructure, Modeling &amp; Simulation, Integration, Command &amp; Control, Cyber, strategic, and tactical operations and advisory to management.</p> <p><u>General Responsibilities:</u> Independently performs and directs activities to support teams, leadership, warfighters, and subcontractor partners in an advisory capacity. Able represent the program at the necessary conferences, task forces, working groups, and other forums related to the expert domain to perform duties as assigned. Responsible for directing and monitoring program plans for requirements gathering, analysis, trade studies, development, implementation, deployment and maintenance of applications, databases, integrations, environments, and documentation. Collaborates with senior management to develop and implement feasibility and risk assessments, business cases, roadmaps, program plans, and technical design decisions. Advises on</p>	Bachelor’s Degree	8 Years
54151S	Subject Matter Expert 2	<p>Has accumulated specialized technical knowledge and is considered expert in skill level for IT service domains such as, but not limited to, Architectures, Application Development, Software Development Lifecycle, Analytics, Infrastructure, Modeling &amp; Simulation, Integration, Command &amp; Control, Cyber, strategic, and tactical operations and advisory to management.</p> <p><u>General Responsibilities:</u> Independently performs and directs activities to support teams, leadership, warfighters, and subcontractor partners in an advisory capacity. Able represent the program at the necessary conferences, task forces, working groups, and other forums related to the expert domain to perform duties as assigned. Responsible for directing and monitoring program plans for requirements gathering, analysis, trade studies, development, implementation, deployment and maintenance of applications, databases, integrations, environments, and documentation. Collaborates with senior management to develop and implement feasibility and risk assessments, business cases, roadmaps, program plans, and technical design decisions. Advises on</p>	Bachelor’s Degree	12 Years

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
54151S	Subject Matter Expert 3	<p>program priorities and initiatives. Continually learns to maintain currency on technical job knowledge drawing from industry days, in-person and online courses, workshops, and by reading and technical publications.</p> <p><u>Specific Responsibilities:</u> analyze operations, user experience, system tools, dependencies, and data patterns, to recommend initiatives and solutions to end-user requests, borrow from recent innovations, design thinking, development frameworks, and development technologies to modernize legacy systems, develops collaborative strategies that communicate or enhance the program vision and mission in terms of end-user value, coach program leadership and developers on a range of complex IT service issues, supports the implementation teams with risk/issue mitigation plans, decisions, procedures, documentation, and compliance of all required deliverables, assists with identifying and grooming program resources, provides performance and developmental feedback to team members, and assists with the development of prioritized requirements.</p>	Bachelor's Degree	15 Years
54151S	Configuration Management Analyst - Junior	Supports configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting and configuration audits. Supports configuration planning. Identifies and maintains the original configuration of requirements documentation, design documentation, and related documentation. Responsible for configuration change control. Supports the change process so that only approved and validated changes are incorporated into product documents and related software. Responsible for configuration status accounting. Tracks all problems and changes in product documents and reports changes and current configuration. Responsible for configuration audits. Supports audits to verify that requirements of all baselines have been met. Supports the quality assurance process audits. May provide task direction and guidance to less experienced team members	Bachelor's Degree	3 Years
54151S	Configuration Management Analyst - Journeyman	Supports configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting and configuration audits. Supports configuration planning. Identifies and maintains the original configuration of requirements documentation, design documentation, and related documentation. Responsible for configuration change control. Supports the change process so that only approved and validated changes are incorporated into product documents and related software. Responsible for configuration status accounting. Tracks all problems and changes in product documents and reports changes and current configuration. Responsible for configuration audits. Supports audits to verify that requirements of all baselines have been met. Supports the quality assurance process audits. May provide task direction and guidance to less experienced team members	Bachelor's Degree	6 Years



SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
54151S	Computer Engineer - Journeyman	Performs a range of duties including designing, testing, and inspecting all software used within the company. Has in-depth knowledge of design analytics, algorithms, analysis tools, and object orientated modeling. Critical and creative thinker, with excellent communication and problem-solving skills. Responsibilities: Perform periodic hardware analysis of computer hardware and software using available technology and testing tools. Respond to all computer-related issues and provide technical support to all staff members. Oversee the company's cloud storage accounts to guarantee they're protected and secure. Conduct validation testing for new and renovated motherboards. Ensure existing computer equipment are up-to-date. Stay up-to-date with the latest technologies and incorporate new technology into existing units. Draft new computer equipment blueprints and present them to management. Plan and manage the production of computer hardware equipment. Develop and install software systems.	Bachelor's Degree	6 Years
54151S	Computer Engineer - Senior	Performs a range of duties including designing, testing, and inspecting all software used within the company. Has in-depth knowledge of design analytics, algorithms, analysis tools, and object orientated modeling. Critical and creative thinker, with excellent communication and problem-solving skills. Responsibilities: Perform periodic hardware analysis of computer hardware and software using available technology and testing tools. Respond to all computer-related issues and provide technical support to all staff members. Oversee the company's cloud storage accounts to guarantee they're protected and secure. Conduct validation testing for new and renovated motherboards. Ensure existing computer equipment are up-to-date. Stay up-to-date with the latest technologies and incorporate new technology into existing units. Draft new computer equipment blueprints and present them to management. Plan and manage the production of computer hardware equipment. Develop and install software systems.	Bachelor's Degree	10 Years
54151S	Data Scientist - Senior	Works in cross-functional teams with data at all stages of the analysis lifecycle to derive actionable insight. Translates mission needs into an end-to-end analytical approach to achieve results. Performs the pre-analytics areas of data collection and understanding, data cleansing and integration, and data storage and retrieval. Determines the appropriate analytics based on the data and the desired outcomes, using techniques including feature detection, statistics, data mining, predictive modeling, machine learning, natural language processing, and business intelligence. Interprets the validity of results and communicates the meaning of those results. Has familiarity with data wrangling, analytics, and visualization software and programming languages, including analytics methods for big data. Follows a scientific approach to generate value from data, verifying results at each step.	Bachelor's Degree	10 Years
54151S	Exercise Developer - SME	Develops, directs, plans and evaluates training programs or activities to meet external customer or internal employee learning objectives. Assignments may include needs analysis, custom course development, development of criteria for evaluating the effectiveness of course objectives, and evaluation and learning assessments. Where instructing within a certified educational institution, responsible for determining the organization, communication and delivery of the course content and materials, and for developing learning	Bachelor's Degree	15 Years

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
		activities and demonstrations. Collaborates with customer or internal functional organization to develop, enhance, and/or evaluate new or existing learning objectives and course content. May create course content, training materials, visual aids and documentation to support a variety of instructional formats such as lecture, lab exercises, field training, computer-based training (CBT), and/or web-based training (WBT). May develop exam materials and may be responsible for testing and qualitative evaluation of participant's attainment of learning objectives. Monitors and evaluates training programs, assesses results, and implements enhancements as needed. Trainers may also administer training programs to meet student needs, which may require post-training follow up to determine applicability of course material or training approaches. Responsible for designing specific exercise/event scenarios for land, air, and marine. Duties include conducting a needs assessment, determining M&S systems capabilities and designs, and supporting development of new and/or updating existing systems to meet training requirements.		
54151S	Integration Engineer - Journeyman	Will provide thought leadership and will write papers and manage larger teams. An integration engineer is responsible for developing solutions that an organization needs. The solution itself can be very vague and will depend on a number of factors such as what the industry the organization is in. This can vary from creating custom software for a specific need to developing custom hardware and machinery. Responsibilities: An integration engineer often plans, designs and implements the integration process. This can also include creating documentation for the process so that future managers and engineers know how to solve potential issues. The process often starts by communicating with the client to see what their needs are. This eventually leads to test plan specifications and working with clients through analysis and design of the solution that is to be integrated. For simulation tasks: Performs system engineering duties and creates the interfaces between related or communicating information systems. May creates scripts, manipulate APIs; may write code or automation techniques that allows systems to communicate, reference, combine and derive additional data in support of the M&S Mission and its infrastructure. Certified Information Systems Security Professional (CISSP) certification.	Bachelor's Degree	6 Years
54151S	Integration Engineer - Senior	Will provide thought leadership and will write papers and manage larger teams. An integration engineer is responsible for developing solutions that an organization needs. The solution itself can be very vague and will depend on a number of factors such as what the industry the organization is in. This can vary from creating custom software for a specific need to developing custom hardware and machinery. Responsibilities: An integration engineer often plans, designs and implements the integration process. This can also include creating documentation for the process so that future managers and engineers know how to solve potential issues. The process often starts by communicating with the client to see what their needs are. This eventually leads to test plan specifications and working with clients through analysis and design of the solution that is to be integrated. For simulation tasks: Performs system engineering duties and creates the interfaces between related or communicating information systems. May creates scripts, manipulate APIs; may write code or automation	Bachelor's Degree	10 Years

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
		techniques that allows systems to communicate, reference, combine and derive additional data in support of the M&S Mission and its infrastructure. Certified Information Systems Security Professional (CISSP) certification.		
54151S	M&S Systems Engineer - Journeyman	<p>Support all permanent party and exercise core services or comparable technology with both Windows and Linux SW platforms in accordance with WPC projects, exercise plans, and designs. Create SOPs, create maintenance checklists, monitor all performance functionality of classified and unclassified networks, and provide accurate elevation drawings. Support systems engineering activities including, but not limited to:</p> <ul style="list-style-type: none"> <li>a. Supporting Microsoft-based operating systems, Open Virtual Memory System server, and Local Area Network (LAN) technologies, as well as the integration of specialized applications for permanent party, local exercise(s), and remote exercise(s) use.</li> <li>b. Engineering, implementing, and maintaining Active Directory (AD) domain infrastructure utilizing Cisco, Microsoft, Windows, UNIX, and Linux client/server operating systems.</li> <li>c. Obtaining and interpreting C2 GOTS and COTS documentation regarding the AD implementation strategy.</li> <li>d. Implementing and maintaining an organizational unit structure independent from COTS default containers and establishing and maintaining Windows-based authoritative “time” server hierarchy.</li> <li>e. Coordinating and implementing AD configuration changes with WPC/SC and providing technical input for security accreditation efforts, as needed.</li> <li>f. Providing guidance on AD user, computer, and group creation including naming conventions and long-term disposition.</li> <li>g. Conducting preventative maintenance inspections to ensure reliable functionality and availability of domain services and providing Network basic input/output system and fully qualified domain name Internet Protocol (IP) address and host name resolution capabilities.</li> <li>h. Managing the IP space including static and dynamically assigned addresses utilizing approved enterprise level tools and employing DoD, DISA, and USAF policy and guidance to maintain and operate a robust Public Key Encryption/Public Key Infrastructure (PKE/PKI) environment that supports a two-factor authentication for WPC enclaves.</li> <li>i. Maintaining and overseeing an aggressive “Principle of Least Privilege” strategy in accordance with the Chairman of the Joint Chiefs of Staff and USAF guidelines.</li> <li>j. Enhancing and maintaining AD Group Policy Objectives to ensure consistent application of security policy, improving administration, and supporting the “Principle of Least Privilege” strategies.</li> <li>k. Providing technical engineering support to identify AD account use violations and other security-related abuses and/or anomalies and documenting AD-related issues and baseline changes.</li> <li>l. Providing and administering virtual machines (VM) using the appropriate hypervisor including, but not limited to, VMware, vSphere, and Windows Server 2008/2012 Hyper-V.</li> </ul>	Bachelor’s Degree	6 Years

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
		<p>m. Obtaining and installing all applicable SW updates and security patches to maintain compliance while minimizing the impact to the WPC training environment.</p> <p>n. Providing the new technology file system shared folder resources, implementation, and maintenance and providing system administration support across multiple enclaves.</p> <p>o. Overseeing the confidentiality, integrity, and high availability of shared folder resources in accordance with USAF privacy policy and advising when storage requirements change.</p> <p>p. Creating and managing centralized print management functionality and ensuring redundancy and availability of clustered services.</p> <p>q. Installing and monitoring system management utilities to identify abnormalities and performance issues using systems including, but not limited to, Solar Winds.</p> <p>r. Ensuring an encryptor management capability is available for network management personnel to remotely manage all deployed Tactical LAN Encryptors (TACLANes) at WPC.</p> <p>s. Ensuring compliance with Host the Base Security System (HBSS) mandated antivirus programs including, but not limited to, McAfee ePolicy Orchestrator, and organizing mandatory SW updates and security patches for deployment using enterprise-level utilities and DoD- and/or WPC-approved SW.</p> <p>t. Maintaining domain-wide, Windows-based SW inventory and advising the appropriate Government personnel (designated in the RFS) on the usage and viability of required SW licenses.</p> <p>u. Advising of at-risk critical systems, including single points of failure, that could negatively affect continuous operations and appropriate levels of spare HW resources resulting in mission impact if levels are not maintained.</p> <p>v. Implementing multiple Redundant Arrays of Independent Disk Configurations to ensure high availability of server-based WPC resources and performing daily, weekly, and monthly backups of critical servers, system data, and shared folders.</p> <p>w. Managing (centrally) and protecting crucial resources through enterprise-level backup and restoration of HW and SW systems, and monitoring and maintaining tape backup systems for optimum performance.</p> <p>x. Monitoring Firewall and Intrusion Detection Systems, configuring and implementing approved rules to support events and exercises, and monitoring and troubleshooting applicable firewall rules to facilitate successful exercise/event execution.</p> <p>y. Coordinating with event planners, network management personnel, and end users to ensure firewall rules are functioning properly.</p> <p>z. Installing and updating system configurations based on applicable DoD, DISA, STIGs, and USAF security guidelines.</p> <p>aa. Providing support for the UNIX/Linux servers including RedHat and Sun Microsystems Solaris.</p> <p>bb. Providing support for Transmission Control Protocol (TCP)/IP networks and unicast, broadcast, and multicast network traffic.</p>		

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
		<p>cc. Assisting with integrating the models and simulations including Aggregate Level Simulation Protocol, DIS, and HLA.</p> <p>dd. Maintaining and enhancing a common computing environment that supports research and development for current and future simulation models.</p> <p>ee. Ensuring that any updates to the environment meet DoD security and data protection standards.</p> <p>ff. Engineering interfaces for tactical communications systems to simulate the WPC simulations environment."</p>		
54151S	M&S Systems Engineer - Senior	<p>Support all permanent party and exercise core services or comparable technology with both Windows and Linux SW platforms in accordance with WPC projects, exercise plans, and designs. Create SOPs, create maintenance checklists, monitor all performance functionality of classified and unclassified networks, and provide accurate elevation drawings. Support systems engineering activities including, but not limited to:</p> <p>a. Supporting Microsoft-based operating systems, Open Virtual Memory System server, and Local Area Network (LAN) technologies, as well as the integration of specialized applications for permanent party, local exercise(s), and remote exercise(s) use.</p> <p>b. Engineering, implementing, and maintaining Active Directory (AD) domain infrastructure utilizing Cisco, Microsoft, Windows, UNIX, and Linux client/server operating systems.</p> <p>c. Obtaining and interpreting C2 GOTS and COTS documentation regarding the AD implementation strategy.</p> <p>d. Implementing and maintaining an organizational unit structure independent from COTS default containers and establishing and maintaining Windows-based authoritative "time" server hierarchy.</p> <p>e. Coordinating and implementing AD configuration changes with WPC/SC and providing technical input for security accreditation efforts, as needed.</p> <p>f. Providing guidance on AD user, computer, and group creation including naming conventions and long-term disposition.</p> <p>g. Conducting preventative maintenance inspections to ensure reliable functionality and availability of domain services and providing Network basic input/output system and fully qualified domain name Internet Protocol (IP) address and host name resolution capabilities.</p> <p>h. Managing the IP space including static and dynamically assigned addresses utilizing approved enterprise level tools and employing DoD, DISA, and USAF policy and guidance to maintain and operate a robust Public Key Encryption/Public Key Infrastructure (PKE/PKI) environment that supports a two-factor authentication for WPC enclaves.</p> <p>i. Maintaining and overseeing an aggressive "Principle of Least Privilege" strategy in accordance with the Chairman of the Joint Chiefs of Staff and USAF guidelines.</p> <p>j. Enhancing and maintaining AD Group Policy Objectives to ensure consistent application of security policy, improving administration, and supporting the "Principle of Least Privilege" strategies.</p>	Bachelor's Degree	10 Years

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
		<p>k. Providing technical engineering support to identify AD account use violations and other security-related abuses and/or anomalies and documenting AD-related issues and baseline changes.</p> <p>l. Providing and administering virtual machines (VM) using the appropriate hypervisor including, but not limited to, VMware, vSphere, and Windows Server 2008/2012 Hyper-V.</p> <p>m. Obtaining and installing all applicable SW updates and security patches to maintain compliance while minimizing the impact to the WPC training environment.</p> <p>n. Providing the new technology file system shared folder resources, implementation, and maintenance and providing system administration support across multiple enclaves.</p> <p>o. Overseeing the confidentiality, integrity, and high availability of shared folder resources in accordance with USAF privacy policy and advising when storage requirements change.</p> <p>p. Creating and managing centralized print management functionality and ensuring redundancy and availability of clustered services.</p> <p>q. Installing and monitoring system management utilities to identify abnormalities and performance issues using systems including, but not limited to, Solar Winds.</p> <p>r. Ensuring an encryptor management capability is available for network management personnel to remotely manage all deployed Tactical LAN Encryptors (TACLANES) at WPC.</p> <p>s. Ensuring compliance with Host the Base Security System (HBSS) mandated antivirus programs including, but not limited to, McAfee ePolicy Orchestrator, and organizing mandatory SW updates and security patches for deployment using enterprise-level utilities and DoD- and/or WPC-approved SW.</p> <p>t. Maintaining domain-wide, Windows-based SW inventory and advising the appropriate Government personnel (designated in the RFS) on the usage and viability of required SW licenses.</p> <p>u. Advising of at-risk critical systems, including single points of failure, that could negatively affect continuous operations and appropriate levels of spare HW resources resulting in mission impact if levels are not maintained.</p> <p>v. Implementing multiple Redundant Arrays of Independent Disk Configurations to ensure high availability of server-based WPC resources and performing daily, weekly, and monthly backups of critical servers, system data, and shared folders.</p> <p>w. Managing (centrally) and protecting crucial resources through enterprise-level backup and restoration of HW and SW systems, and monitoring and maintaining tape backup systems for optimum performance.</p> <p>x. Monitoring Firewall and Intrusion Detection Systems, configuring and implementing approved rules to support events and exercises, and monitoring and troubleshooting applicable firewall rules to facilitate successful exercise/event execution.</p> <p>y. Coordinating with event planners, network management personnel, and end users to ensure firewall rules are functioning properly.</p>		

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
		<p>z. Installing and updating system configurations based on applicable DoD, DISA, STIGs, and USAF security guidelines.</p> <p>aa. Providing support for the UNIX/Linux servers including RedHat and Sun Microsystems Solaris.</p> <p>bb. Providing support for Transmission Control Protocol (TCP)/IP networks and unicast, broadcast, and multicast network traffic.</p> <p>cc. Assisting with integrating the models and simulations including Aggregate Level Simulation Protocol, DIS, and HLA.</p> <p>dd. Maintaining and enhancing a common computing environment that supports research and development for current and future simulation models.</p> <p>ee. Ensuring that any updates to the environment meet DoD security and data protection standards.</p> <p>ff. Engineering interfaces for tactical communications systems to simulate the WPC simulations environment."</p>		
54151S	QA Engineer - SME	<p>Responsible for evaluating, recommending, and implementing quality tools and strategies. Monitors activities to ensure that operations and products meet production, certification and accreditation standards examining products and materials for defects or deviations from specifications. Recommend adjustments to assembly or production processes. Designs, implements, and conducts test and quality evaluation procedures to ensure requirements are met. Develops, maintains, and upgrades quality verification procedures and architectures. Writes test cases, implements, and reports status for product testing. Analyzes test cases and quality reports and provides reports of quality activities and status. Expert and thought leader for strategy and technical vision. A QA engineer is responsible for the creation of tests to identify issues with software before the product launch. Duties include identifying and analyzing any bugs and errors found during the test phase and documenting them for review after. Other tasks include developing and running new tests, reporting on the results and collaborating with software developers to fix program issues. A bachelor's degree in computer science is often required to become a QA engineer with an expected proficiency in computer programming languages such as Java, Python, SQL, C++ and XML. Strong working knowledge of Linux and Microsoft Windows is a must along with extensive experience in software development and testing. May manage people</p>	Bachelor's Degree	15 Years
54151S	Software Engineer - Junior	<p>Designs, develops, documents, tests and debugs application software. Conducts analysis and collaborates with subject matter experts in the planning, design, development, and utilization of electronic data processing systems for information storage, processing, presentation, manipulation, display, or reporting. End product may be special use, customized, or commercial software. Determines computer user needs; analyzes system capabilities to resolve problems on program intent, output requirements, input data acquisition, programming techniques and controls; prepares operating instructions; designs and develops autonomous services, desktop applications,</p>	Bachelor's Degree	3 Years

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
		web applications, scripts, and utility programs. Ensures software standards are met. Requires knowledge and/or experience with PHP, HTML, CSS, JavaScript, and MySQL. Familiarity with JQuery and AJAX desired.		
54151S	Software Engineer - Journeyman	Designs, develops, documents, tests and debugs application software. Conducts analysis and collaborates with subject matter experts in the planning, design, development, and utilization of electronic data processing systems for information storage, processing, presentation, manipulation, display, or reporting. End product may be special use, customized, or commercial software. Determines computer user needs; analyzes system capabilities to resolve problems on program intent, output requirements, input data acquisition, programming techniques and controls; prepares operating instructions; designs and develops autonomous services, desktop applications, web applications, scripts, and utility programs. Ensures software standards are met. Requires knowledge and/or experience with PHP, HTML, CSS, JavaScript, and MySQL. Familiarity with JQuery and AJAX desired.	Bachelor's Degree	6 Years
54151S	Software Engineer - Senior	Designs, develops, documents, tests and debugs application software. Conducts analysis and collaborates with subject matter experts in the planning, design, development, and utilization of electronic data processing systems for information storage, processing, presentation, manipulation, display, or reporting. End product may be special use, customized, or commercial software. Determines computer user needs; analyzes system capabilities to resolve problems on program intent, output requirements, input data acquisition, programming techniques and controls; prepares operating instructions; designs and develops autonomous services, desktop applications, web applications, scripts, and utility programs. Ensures software standards are met. Requires knowledge and/or experience with PHP, HTML, CSS, JavaScript, and MySQL. Familiarity with JQuery and AJAX desired.	Bachelor's Degree	10 Years
54151S	Software Engineer - SME	Designs, develops, documents, tests and debugs application software. Conducts analysis and collaborates with subject matter experts in the planning, design, development, and utilization of electronic data processing systems for information storage, processing, presentation, manipulation, display, or reporting. End product may be special use, customized, or commercial software. Determines computer user needs; analyzes system capabilities to resolve problems on program intent, output requirements, input data acquisition, programming techniques and controls; prepares operating instructions; designs and develops autonomous services, desktop applications, web applications, scripts, and utility programs. Ensures software standards are met. Requires knowledge and/or experience with PHP, HTML, CSS, JavaScript, and MySQL. Familiarity with JQuery and AJAX desired.	Bachelor's Degree	15 Years
54151S	Systems Engineer - SME	Performs analysis applying appropriate scientific and engineering processes and modeling techniques to the life-cycle development of modeling and simulation systems. Performs analysis and trade-off studies related to operational issues, and support development of test plans and review test plans to ensure MOEs address operational requirements using modeling and simulation tools and techniques. Reviews plans for system integration, operation, and maintenance and assists in the development of training for operational personnel.	Bachelor's Degree	15 Years



SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
		<p>Applies operations research methodology to define and formulate economic analyses and related benefit, cost, and risk studies. Desired Familiarity with the following: Microsoft Windows environment, UNIX, and Linux, DODAF architecture, experience with M&amp;S technologies, hyper convergence technology, VMWare, VDI zero client architecture, software engineering principles and programming. Experience with software engineering principles and programming; development and integration of live, virtual, and constructive simulations supporting the Air Force operational training infrastructure and other DoD training requirements Performs Systems Engineering activities related to Information Technology or Engineering including: concept of operations formulation, requirements definition, analysis and engineering, system architecting, system analysis and design, interface and data architectures, validation and verification, systems integration, system &amp; op. performance analysis, Lifecycle cost analysis &amp; estimation, decision analysis and physical configuration analysis (PCA) . Ensures the logical and systematic conversion of product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Performs functional analysis, timeline analysis, detail trade studies, requirements allocation and interface definition studies to translate customer requirements into hardware and software or engineering specifications. Provides specific, detailed information for selection, implementation techniques, and tools for the most efficient solution to meet business needs, including present and future capacity requirements. From an information technology perspective, may be concerned with floor layout, power &amp; cooling, data storage, infrastructure management, backup, monitoring, operating systems, directory services, identity management, access management, and automation.</p>		
54151S	Technical Writer - Junior	<p>Coordinating working drafts and final revisions of Government records and documentation with Government engineers, technical PMs, and Contractors. Drafting, finalizing, and managing Government technical manuals, including Technical Orders, operation manuals, troubleshooting manuals, and customer information. Supporting Government program and PMs with schedule and timeline coordination, capture, and translation into scheduling software. Supporting technical meetings by capturing technical highlights and minutes for review and team distribution. Managing program and projects technical documentation repository. Drafting, revising, publishing, designing, and/or coordinating Government marketing materials. May prepare technical, strategic, and/or operational documentation in support of AFAMS and other Air Force, DOD, and or Joint Customers for this contract.</p> <ul style="list-style-type: none"> <li>• Drafting, finalizing, and managing Government technical manuals, including Technical Orders, operation manuals, troubleshooting manuals, and customer information.</li> <li>• Supporting Government program and PMs with schedule and timeline coordination, capture, and translation into scheduling software.</li> <li>• Supporting technical meetings by capturing technical highlights and minutes for review and team distribution.</li> <li>• Managing program and projects technical documentation repository.</li> <li>• Drafting, revising, publishing, designing, and/or coordinating Government marketing materials.</li> </ul>	Bachelor's Degree	3 Years

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
54151S	Technical Writer - Journeyman	<p>Coordinating working drafts and final revisions of Government records and documentation with Government engineers, technical PMs, and Contractors. Drafting, finalizing, and managing Government technical manuals, including Technical Orders, operation manuals, troubleshooting manuals, and customer information. Supporting Government program and PMs with schedule and timeline coordination, capture, and translation into scheduling software. Supporting technical meetings by capturing technical highlights and minutes for review and team distribution. Managing program and projects technical documentation repository. Drafting, revising, publishing, designing, and/or coordinating Government marketing materials. May prepare technical, strategic, and/or operational documentation in support of AFAMS and other Air Force, DOD, and or Joint Customers for this contract.</p> <ul style="list-style-type: none"> <li>• Drafting, finalizing, and managing Government technical manuals, including Technical Orders, operation manuals, troubleshooting manuals, and customer information.</li> <li>• Supporting Government program and PMs with schedule and timeline coordination, capture, and translation into scheduling software.</li> <li>• Supporting technical meetings by capturing technical highlights and minutes for review and team distribution.</li> <li>• Managing program and projects technical documentation repository.</li> <li>• Drafting, revising, publishing, designing, and/or coordinating Government marketing materials.</li> </ul>	Bachelor's Degree	6 Years
54151S	Test Engineer - Journeyman	<p>Develops and executes test plans, test cases, and test procedures to ensure that all information systems products and services meet organization standards and end-user requirements. Develops test plans, test schedule, and approach. Writes test cases and scripts and identifies data for test scenarios. Conducts a walk through on test case/script with Test Managers, Requirement Leads, Project Managers, and Development Leads. Performs and leads tests of software and/or IT systems to ensure proper operation and freedom from defects. Performs verification activities on work products using defined methods, procedures and criteria with an appropriate verification environment. Documents and communicates test results. Supports analysis of test results and resolution of open issues. Documents and works to resolve all complex problems. Reports progress on problem resolution to management. Devises improvements to current procedures and develops models of possible future configurations. Creates daily test metrics and reporting. Occasionally performs other IT systems engineering activities such as requirements, design, installation, operation, sustainment, and support.</p> <p>provide Constructive Models/Virtual Simulator testing support including the following:</p> <ol style="list-style-type: none"> <li>Performing functional/operational testing.</li> <li>Developing functional/operational test plans.</li> <li>Drafting Product Suitability Documentation (Section F, Deliverable 21) and Evaluation Reports (Section F, Deliverable 22) and identifying any critical issues associated with Responsible Testing Organization requirements.</li> <li>Facilitating the testing and training on M&amp;S technologies utilized by the Government and the operation of equipment/ SW during technical demonstrations.</li> </ol>	Bachelor's Degree	6 Years

SIN	Labor Title	Description	Minimum Education Level	Minimum Years of Experience
		<p>e. Providing technical subject matter expertise on IT, HW, SW, technology, and engineering as it relates to M&amp;S.</p> <p>f. Assisting with the development, modification, integration, and testing of GFE and Government-owned computer SW (e.g., Joint Data Translator) in support of technical requirements.</p> <p>g. Testing the integration/demonstration of HW/SW (e.g., COTS, GOTS, and GFE) for assessment against the initiatives' technical requirements.</p> <p>h. Assisting test exercise/event personnel remotely or on-site at the exercise/event test to ensure the constructive models/virtual simulators are functioning accurately and that communication feeds work in conjunction with the simulation developers and assisting in addressing questions related to the technical aspects of the models/simulators in support of the exercise/event.</p> <p>i. Advising the Government of any simulation performance issues identified during testing.</p> <p>A list of existing Air, Space, and Cyber Constructive Environment (ASCCE) models that may be supported during this effort</p>		
54151S	UI/UX Engineer - Senior	UI/UX engineers gather requirements, conduct user needs sessions, draw storyboards, write front end software and work with backed software developers. UI/UX engineers help assess a proposed innovation's user experience and, when needed, design improved UI/UX for the ecosystem.	Bachelor's Degree	10 Years