AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

1. Contract Number	Page of Pages	
CFOPD-22-C-021	1	Attachment A & B

2. Amendment/Modification Number	3. Effective Date	4. Requisition/Purchase Request No.	5. Solicitation Caption
Modification 14	See 16 C below		OCFO Staff Augmentation Managed Services Provider

6. Issued by: Code

Office of the Chief Financial Officer
Office of Contracts
1100 4th Street, S.W. Suite E620
Washington, D.C. 20024
202-442-7012 (main)

7. Administered by (If other than line 6)

8. Name and Address of Contractor (No. street, city, county, state and zip code)

OST, Inc.
2101 L Street, NW, Suite 800
Washington, DC 20037
T 703-462-8736
C 202-271-4952
Brian Cole, Vice President
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Code Facility

	9A. Amendment of Solicitation No.
	9B. Dated (See Item 11)
X	10A. Modification of Contract/Order No. CFOPD-22-C-021
	10B. Dated (See Item 13) April 18, 2022

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) BY separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14

X	A. This change order is issued pursuant to (Specify Authority): 27 DCMR Section 3601.2(c) and Section I.8 Changes of the Contract The changes set forth in Item 14 are made in the contract/order no. in item 10A.
	B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data etc.) set forth in item 14, pursuant to the DC Financial Responsibility and Management Assistance Authority.
	C. This supplemental agreement is entered into pursuant to authority of:
	D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document or return any copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of Modification No. 14 is to revise Attachment J.3, Position Descriptions to add positions as referenced in Attachment A, and to revise Attachment J.4, Price Schedule to add the rates as referenced in Attachment B.

2. All other terms and conditions shall remain unchanged.

Except as provided herein, all terms and conditions of the document is referenced in Item 9A or 10A remain unchanged and in full force and effect.

15A. Name and Title of Signer (Type or print)		16A. Name of Contracting Officer	
Eric Moe, Sr. Contracts Manager		Drakus Wiggins, CPPB, CPPO or Anthony A. Stover, CPPO	
15B. Name of Contractor (Signature of person authorized to sign)	15C. Date Signed	16B. District of Columbia (Signature of Contracting Officer)	16C. Date Signed
	31 March 23		March 31, 2023

Attachment A

CLIN	**A167, A267, A367, A467**
Agency	**OCIO-ISG**
Title	**Disaster Recovery Specialist**
Description	The Disaster Recovery Administrator's role is to ensure the security and integrity of data, data systems, and data networks across the entire organization. This includes designing and implementing disaster recovery processes and business continuity procedures for re-establishing servers, databases, and operating systems in the event of a disruption, both minor and catastrophic. This person will also perform and analyze disaster simulations for the prompt restoration of services and conduct security audits where required.
Duties and Responsibilities	**Strategy & Planning** 1. Conduct risk assessments and business impact analyses to identify vulnerable areas within the company's critical functions. 2. Recommend and implement disaster avoidance strategies and impact reduction strategies. 3. Confer with IT department and other key personnel to determine if changes in hardware or software configurations affect disaster recovery plan outcomes. 4. Direct and coordinate staff efforts to formulate department-specific disaster recovery plans. 5. Conduct research on emerging products, services, protocols, and standards in support of contingency planning and development efforts. **Acquisition & Deployment** 6. Interact and negotiate with vendors, outsourcers, and contractors to obtain protection services and products. 7. Download and test new disaster recovery software and/or technologies. 8. Recommend, and where necessary, schedule and perform security improvements, upgrades, and/or purchases. **Operational Management** 9. Develop and establish disaster recovery procedures for the restoration of mission-critical business applications in the event of natural disasters, technical failures, power outages, and human interference. 10. Manage and coordinate all aspects of actual recovery plan implementation and efforts, including initial emergency response, recovery procedures, and business resumption processes. 11. Develop, implement, maintain, and oversee enforcement of policies, procedures and associated plans for disaster recovery administration and business continuity based on industry-standard best practices.

	12. Inform and train staff members on their responsibilities concerning business continuity procedures and emergency response. 13. Ensure that company equipment, systems, services, and facility are compliant with disaster recovery plans and procedures. 14. Ensure the preservation of vital information, data, or media through diligent maintenance of hard copies and backup equipment. 15. Continually conduct simulations and test runs of system disruptions in order to revise and perfect plans. 16. Assess need for any security reconfigurations (minor or significant) and execute them if required. 17. Where appropriate, recommend, schedule, and apply fixes, security patches, and any other measures required in the event of business disruption. 18. Investigate and select locations for off-site storage of data and backups. 19. Keep current with emerging security alerts and issues. 20. Manage and/or provide guidance to junior members of the team.
Education:	1. Bachelor's or Master's Degree in Information Technology or Computer Science 2. The equivalent combination of education and successful work experience (10 years) and 3. **DR/BCP Certification** in specialized areas is a Must
Qualifications:	**Knowledge & Experience** 1. Broad hands-on knowledge of disaster recovery planning and other industry-standard techniques and practices. 2. In-depth knowledge of all types of disasters, natural or otherwise, and their effect on company technologies. 3. Working technical knowledge of current systems software, hardware, protocols, and standards 4. Strong knowledge of network administration/protocols, 5. Solid project management skills. 6. Knowledge of and experience with property and casualty insurance. 7. Knowledge of applicable practices and laws relating to data privacy and protection. 8. Minimum (3) years of experience in design and maintenance of public/Gov cloud solutions with a focus on Microsoft Azure (Gov preferred) IaaS, PaaS service like Database services, Kubernetes etc. 9. Excellent technical architecture skills, enabling the creation of future-proof, complex global solutions and Strong Experience across Applications Migration (On-Perm VMware) to Azure (Gov Cloud Preferred). 10. Minimum (3) years of experience providing IT administration and/or engineering services managing Windows and Linux Servers and Services. 11. Knowledge of network technologies as they relate to AWS. 12. Knowledge of security policies, network security, data security and

	security event management to adopt cloud security services. 13. Intuition and keen instincts to pre-empt attacks. 14. Excellent written communication skills. 15. Excellent listening skills. 16. Strong interpersonal and oral communication skills. 17. High level of analytical and problem-solving abilities. 18. Ability to conduct research into recovery and security issues and products as required. 19. Strong understanding of the organization's goals and objectives. 20. Highly self-motivated and directed. 21. Strong organizational skills. 22. Excellent attention to detail. 23. Ability to effectively prioritize and execute tasks in a high-pressure environment. 24. Experience working in a team-oriented, collaborative environment.

CLIN	**A168, A268, A368, A468**
Agency	**OCIO-ISG**
Title	**Security Analyst**
Description	The IT Security Analyst performs two core functions for the enterprise. The first is the day-to-day operations of the in-place security solutions while the second is the identification, investigation, and resolution of security breaches detected by those systems. Secondary tasks may include involvement in the implementation of new security solutions, participation in the creation and or maintenance of policies, standards, baselines, guidelines, and procedures as well as conducting vulnerability audits and assessments. The IT Security Analyst is expected to be fully aware of the enterprise's security goals as established by its stated policies, procedures, and guidelines and to actively work towards upholding those goals.
Duties and Responsibilities	Strategy & Planning 1. Participate in the planning and design of enterprise security architecture, under the direction of the IT Security Manager, where appropriate. 2. Participate in the creation of enterprise security documents (policies, standards, baselines, guidelines, and procedures) under the direction of the IT Security Manager, where appropriate. 3. Participate in the planning and design of an enterprise business continuity plan and disaster recovery plan, under the direction of the IT Security Manager, where appropriate. **Acquisition & Deployment** 4. Maintain up-to-date detailed knowledge of the IT security industry including awareness of new or revised security solutions, improved security processes, and the development of new attacks and threat vectors.

	5. Recommend additional security solutions or enhancements to existing security solutions to improve overall enterprise security. 6. Perform the deployment, integration, and initial configuration of all new security solutions and of any enhancements to existing security solutions in accordance with standard best operating procedures generically and the enterprise's security documents specifically. **Operational Management** 7. Maintain up-to-date baselines for the secure configuration and operations of all in-place devices, whether they be under direct control (i.e. security tools) or not (e.g. workstations, servers, network devices). 8. Maintain operational configurations of all in-place security solutions as per the established baselines. 9. Monitor all in-place security solutions for efficient and appropriate operations. 10. Review logs and reports of all in-place devices, whether they be under direct control (i.e. security tools) or not (e.g. workstations, servers, network devices). Interpret the implications of that activity and devise plans for appropriate resolution. 11. Participate in investigations into problematic activity. 12. Participate in the design and execution of vulnerability assessments, penetration tests, and security audits. 13. Provide on-call support for end users for all in-place security solutions
Education:	1. Bachelor's or Master's degree in information technology or computer Science 2. The equivalent combination of education and successful work experience (15 years) 3. Minimum of 10+ years of experience in Security Architecture & Engineering 4. CISSP, CISA, CISM, or other relevant security related designation(s) appreciated, is a must & required.
Qualifications:	**Knowledge & Experience** 1. Extensive experience with Tenable. 2. Strong understanding of IP, TCP/IP, and other network administration protocols. 3. Familiarity with security cots tools 4. Broad hands-on knowledge of firewalls, intrusion detection systems, anti-virus software, data encryption, and other industry-standard techniques and practices. 5. In-depth technical knowledge of network, PC, and platform operating systems, including Windows, Linux, and Cloud 6. Working technical knowledge of current systems software, protocols, and standards, 7. Strong knowledge of TCP/IP and network administration/protocols. 8. Hands-on experience with devices such as hubs, switches, and routers.

	9. Knowledge of applicable practices and laws relating to data privacy and protection. 10. Knowledge of law enforcement practices and procedures 11. Intuition and keen instincts to pre-empt attacks. 12. Proven analytical and problem-solving abilities. 13. Ability to effectively prioritize and execute tasks in a high-pressure environment. 14. Good written, oral, and interpersonal communication skills. 15. Ability to conduct research into IT security issues and products as required. 16. Ability to present ideas in business-friendly and user-friendly language. 17. Highly self-motivated and directed. 18. Keen attention to detail. 19. Team-oriented and skilled in working within a collaborative environment.

Title	**Infrastructure Automation Engineer**
CLIN	**A169, A269, A369, A469**
Description	Infrastructure automation engineer provides a detailed SME expertise of Automation Framework toolsets, such as Ansible, Puppet, Chef, Terraform, etc.; and their use with infrastructure and DevOps related automation.
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: 1. Support the IT Service Catalog and automation by being second tier support for related issues. 2. Work with IT personnel to elicit requirements for automation. 3. Automate Linux and Windows image creation and patch management. 4. Document, present, and train others in the IT Service Catalog and automation projects 5. Design and build Automation Tools to Provision Environments and Applications in support of our Development, Test and Staging Environment 6. Fully automate the deployment of technology stacks 7. Create services, frameworks and templates leading to spin up and turning down virtual environments. 8. Design and build orchestrations for self-healing infrastructure. 9. Create feedback loop for developers and QA using logs, monitoring and dashboard. 10. Conducts in depth evaluations, diagnosing, troubleshooting, and resolving a wide variety of complex technical issues.
Education:	4. Bachelor's or Master's degree in information technology or computer Science 5. The equivalent combination of education and successful work experience (15 years)

Qualifications:	Experience: Minimum 8+ years in Automation 1. Background in Network Operations, DevOps, Continuous Deployment is a plus. 2. Experience with large volumes of data, and site reliability engineering 3. Experience with a variety of datastores and related tools 4. Experience building and working with multiple tier web applications and distributed systems. 5. Experience using centralized automation platforms. 6. General experience with relational database technologies and programming, SQL Server 7. Expertise in software development or in test automation of REST API 8. Expertise in Java or similar Object-Oriented Programming language required. 9. Experience working with GIT and Jira preferred. 10. Working experience in Agile SDLC and Continuous Integration 11. Knowledge of applicable data privacy practices and laws. 12. Extensive experience with developing strategic plans. 13. Exceptional analytical, conceptual, and problem-solving abilities. 14. Exceptional understanding of the organization's goals and objectives. 15. Experience working with Microsoft SQL Server and SQL Server Reporting Services 16. Strong desire to automate and to teach others. 17. Familiarity with DFS and Windows-based file servers 18. Proven experience with network capacity planning, network security principles, and general network management best practices. Technical Skills: 1. Excellent architecture and technical support documentation skills. 2. Strong interpersonal, written, and oral communication skills. 3. Ability to perform general mathematical calculations for the purpose of creating needs assessments, budgets, and so on. 4. Highly self-motivated and directed. 5. Keen attention to detail. 6. Proven analytical and problem-solving abilities. 7. Experience working in a team-oriented, collaborative environment. 8. Strong interpersonal and consultative skills. 9. Ability to exercise independent judgment and act on it. 10. Experience working in a team-oriented, collaborative environment.

CLIN	**A170, A270, A370, A470**
Agency	**OCIO-ISG**
Title	**IT Security Engineer**
Description	The role will focus on designing and developing security architecture patterns that meet regulatory obligations and data protection requirements as well as align with the business and corporate security strategy. The Security Engineer will work collaboratively with security engineers to build security controls and solutions compliant with approved architecture frameworks and standards.
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: Support the IT Service Catalog and automation by being second tier support **Strategy and Planning** 1. Perform security assessments, identify gaps in existing security architecture, and recommend changes or improvements. 2. Design security architecture elements to mitigate threats. 3. Create solutions that align enterprise security architecture frameworks and standards (e.g. SABSA, NIST 800-53, ISO 27002) with overall business and security strategy. 4. Participate in risk assessments for new technologies and projects. 5. Employ secure configuration management processes. 6. Assist in developing a disaster recovery and business continuity plan. Identify and prioritize system functions required to promote continuity and availability of critical business processes such that in the circumstance of system failure critical business functions are restored or recovered promptly. **Communication** 7. Document security requirements and controls for protecting information, systems, and technology assets. 8. Define and document how the implementation of a new technology impacts the security posture of the current environment. 9. Document and update as necessary all definition and architecture activities. 10. Provide input on security requirements to be included in request for proposals (RFPs), statements of work (SOWs), and other procurement documents. 11. Communicate current and emerging security threats to project team members.
Education:	1. Bachelor's or Master's degree in information technology or computer Science 2. The equivalent combination of education and successful work experience (15 years) 3. Minimum of 10+ years of experience in Security Architecture & Engineering 4. CISSP, CISA, CISM, or other relevant security related designation(s) appreciated, is a must & required. 5. Certifications in CISSP-ISSAP, TOGAF, or SABSA considered an asset.

Qualifications:	1. Experience in identifying gaps in existing architectures. 2. Experience in designing security architectures to mitigate threats. 3. Knowledge of computer networking concepts and protocols (e.g. TCP/IP, DNS) and network security methodologies. 4. Knowledge of network access, identity, and access management (e.g. public key infrastructure, Oauth, OpenID, SAML, SPML). 5. Knowledge of capabilities and applications of network equipment including routers, switches, servers, transmission media, and related hardware. 6. Knowledge of remote access technology concepts. 7. Knowledge of application firewall concepts and functions (e.g. single point of authentication enforcement, data anonymization, DLP scanning, SSL security). 8. Work experience in cybersecurity designs for systems, networks, and multi-level security requirements or requirements for processing multiple classification levels of data. 9. Knowledge of risk management processes and experience in conducting risk assessments. 10. Familiarity with the application of privacy principles to organizational requirements. 11. Knowledge of identity and access management methods. 12. Experience with Windows, Unix, and Linux operating systems. 13. Knowledge of business continuity and disaster recovery operation plans. 14. Strong analytical and problem-solving skills capable of managing projects that drive business objectives. 15. Exceptional written, oral, and interpersonal communication skills. 16. Ability to work in team environments and to negotiate with multiple stakeholders. 17. Ability to meet tight deadlines and to prioritize tasks. 18. Innovative thinker who is self-directed and resourceful.

CLIN	**A171, A271, A371, A471**
Agency	**OCIO-ISG**
Title	**Network Architect**
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: **Strategy & Planning** 1. Design and implement short- and long-term strategic plans to make certain network capacity meets existing and future requirements. 2. Develop, implement, and maintain policies, procedures, and associated training plans for network resource administration and appropriate use. 3. Develop and deploy methodologies for testing network performance and providing network performance statistics and reports.

	4. Provide architectural consulting expertise, direction, and assistance to Network Analysts, Network Engineers, Network Administrators, and other Network Architects. 5. Conduct research on emerging technologies in support of network development efforts and recommend technologies that will increase cost effectiveness and network flexibility. 6. Develop, document, make recommendations, and communicate plans for investing in network technologies, including analysis of cost reduction opportunities. 7. Participate in the development of network strategies in collaboration with the executive team. 8. Conduct research and make recommendations on products, services, protocols, and standards in support of all network procurement and development efforts. 9. Ensure network services have sufficient capacity, stability, and agility to satisfy service level agreements with business units. 10. Create and maintain documentation as it relates to network configuration, network mapping, processes, and service records. **Acquisition & Deployment** 11. Plan, acquire, and coordinate installation of in-house and remote network devices and appliances across the organization's network. 12. Conduct research and make recommendations on network products, services, protocols, and standards in support of network procurement and development efforts. 13. Design company LANs, WANs, VMs, virtual networks, and wireless networks, including servers, routers, hubs, switches, UPSs, and other devices. 14. Interact and negotiate with vendors, outsourcers, and contractors to secure network products and services. 15. Recommend improvements and/or alternatives on the company's existing systems architecture and technology portfolio. 16. Review new and existing network design projects and procurement or outsourcing plans for compliance with standards and architectural plans. **Operational Management** 17. Establish and maintain regular written and in-person communications with the organization's executives, decision-makers, stakeholders, department heads, and end users regarding pertinent network activities. 18. Direct and administrate a contingent of network analysts and technicians, and where necessary, conduct performance reviews and corrective action. 19. Collaborate with end users and senior management to define business requirements for complex network development and gain buy-in for all network architecture plans. 20. Manage and set priorities for the architectural design, maintenance, development, and evaluation of all network infrastructures, including

	LANs, WANs, VMs, Internet, intranet, security, wireless implementations, and so on. 21. Conduct feasibility studies for various upgrade projects, improvements, and other conversions.
Education:	1. Bachelor's or master's degree in Information Technology or Computer Science 2. The equivalent combination of education and successful work experience (15 years) and 3. **Cisco Certification** in specialized areas is a Must.
Qualifications:	Experience: 1. 10 years' experience managing, developing and delivering strategic network architectural design and operational excellence. 2. 10 years' experience designing enterprise-wide LANs, WANs, WLANs, VPNs, VMs, virtual networks, etc. 3. Excellent knowledge of current protocols and standards 4. Experience designing and implementing Cisco, CloudVision, LANZ, and DANZ 5. Strong collaboration and interpersonal skills 6. Strong knowledge of scaled systems, ability to identify problem areas, uphold network quality, and drive design 7. Expert on of WAN, LAN and Wi-Fi technology 8. Strong knowledge of IT security requirements and experience working with information security 9. Experience with Lean IT concepts 10. Experience with Information Technology Infrastructure Library (ITIL) 11. Knowledge and understanding of system flow charts, traffic flow, and data processing concepts. 12. Knowledge of applicable data privacy practices and laws. 13. Extensive experience with developing strategic plans. 14. Exceptional analytical, conceptual, and problem-solving abilities. 15. Exceptional understanding of the organization's goals and objectives. 16. Proven experience with network capacity planning, network security principles, and general network management best practices. **Technical Skills:** 17. Excellent architecture and technical support documentation skills. 18. Strong interpersonal, written, and oral communication skills. 19. Ability to perform general mathematical calculations for the purpose of creating needs assessments, budgets, and so on. 20. Highly self-motivated and directed. 21. Keen attention to detail. 22. Proven analytical and problem-solving abilities. 23. Experience working in a team-oriented, collaborative environment. 24. Strong interpersonal and consultative skills. 25. Ability to exercise independent judgment and act on it.

	26. Experience working in a team-oriented, collaborative environment.

CLIN	**A,172, A272, A372, A472**
Agency	**OCIO-ISG**
Title	**Virtual Desktop Infrastructure VDI Engineer**
Description	The Contractor shall perform the following duties and responsibilities: A **virtual desktop infrastructure** (VDI) engineer is responsible for architecting, planning, and implementing desktop virtualization technology which enables users of endpoint devices to access an operating system and apps, delivered by a networked server or cloud data center.
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: 1. Extensive experience in designing & supporting Azure Managed Services Operations. 2. Maintaining the Azure Active Directory and Azure AD authentication. 3. Azure update management – Handling updates/Patching. 4. Good understanding of Azure services (Azure App Service, Azure SQL, Azure Storage Account, etc). 5. Understanding of load balancers, DNS, virtual networks, NSG and firewalls in cloud environment. 6. ARM templates writing, setup automation for resources provisioning. 7. Knowledge on Azure automation and Automation Desire State Configuration. 8. Good understanding of High Availability and Auto scaling. 9. Azure Backups and ASR (Azure Site Recovery) 10. Azure Monitoring and Configuration monitoring (performance metrics, OMS) 11. Windows Virtual Desktop (Native Azure WVD) 12. Deployment tools Kaseya, SCCM any other tools. 13. Application Packaging & App-V. 14. Good knowledge on any other Migration tools 15. Maintains VMs or containers. 16. Utilizes DISA STIGs to harden and secure network and security devices. 17. Evaluates services and products provided by COTS/GOTS vendors and provides recommendations. 18. Understands of data structures and design of highly available systems 19. Develops capabilities that quickly process and provide to end user critical data requests. 20. Develops analytics supporting cyber security use cases that support decision aids at the strategic, operational and tactical levels of OCIO. 21. Establish and maintain regular written and in-person

	communications with the organization's executives, decision-makers, stakeholders, department heads, and end users regarding pertinent network activities. 22. Direct and administrate a contingent of network analysts and technicians, and where necessary, conduct performance reviews and corrective action. 23. Collaborate with end users and senior management to define business requirements for complex network development and gain buy-in for all network architecture plans. 24. Manage and set priorities for the architectural design, maintenance, development, and evaluation of all network infrastructures, including LANs, WANs, VMs, Internet, intranet, security, wireless implementations, and so on. 25. Conduct feasibility studies for various upgrade projects, improvements, and other conversions.
Education:	1. Bachelor's or master's degree in Information Technology or Computer Science 2. The equivalent combination of education and successful work experience (15 years) and 3. Azure or VMware Workspace/Horizon Certification in specialized areas is a Must.
Qualifications:	Experience: 1. 10 years' experience managing, developing, and delivering strategic network architectural design and operational excellence. 2. 10 years' experience designing enterprise-wide LANs, WANs, WLANs, VPNs, VMs, virtual networks, etc. 3. Excellent knowledge of current protocols and standards 4. Experience with programming languages such as powershell 5. Strong collaboration and interpersonal skills 6. Strong knowledge of scaled systems, ability to identify problem areas, uphold network quality, and drive design 7. Expert on of WAN, LAN and Wi-Fi technology 8. Strong knowledge of IT security requirements and experience working with information security 9. Experience with Lean IT concepts 10. Experience with Information Technology Infrastructure Library (ITIL) 11. Knowledge and understanding of system flow charts, traffic flow, and data processing concepts. 12. Knowledge of applicable data privacy practices and laws. 13. Extensive experience with developing strategic plans. 14. Exceptional analytical, conceptual, and problem-solving abilities. 15. Exceptional understanding of the organization's goals and objectives. 16. Proven experience with network capacity planning, network security principles, and general network management best practices.

	Technical Skills: 1. Excellent architecture and technical support documentation skills. 2. Strong interpersonal, written, and oral communication skills. 3. Ability to perform general mathematical calculations for the purpose of creating needs assessments, budgets, and so on. 4. Highly self-motivated and directed. 5. Keen attention to detail. 6. Proven analytical and problem-solving abilities. 7. Experience working in a team-oriented, collaborative environment. 8. Strong interpersonal and consultative skills. 9. Ability to exercise independent judgment and act on it. 10. Experience working in a team-oriented, collaborative environment.

CLIN	**A173, A273, A373, A473**
Agency	**OCIO-ESG**
Title	**Oracle Cloud ERP Functional Architect - Level 2**
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: 1. Manage all Functional aspects of Oracle Cloud implementation/support of the following modules: Cloud General Ledger, Cloud Accounts Payable, Cloud Accounts Receivable, Cloud Cash Management, Cloud Fixed Assets, Project Portfolio Management Cloud. 2. Analyze, design and configure best practice business needs through technology solutions 3. Interact with client teams to understand their requirement and design the robust solution 4. Develop an understanding of a client's current state process and develop future state technical recommendations. 5. Executing the day-to-day activities including process design, leading key configuration workshops, identifying Gaps, identify RICEW, and support testing 6. Participation in requirement gathering, analyzing business requirements, aligning business requirements and best practices to implement a functional solution 7. Contribute to continuous improvement and development of internal processes and intellectual property. 8. Define new and refine existing business processes

	9. Participation in project planning, providing subject matter expertise, estimating work
Education:	1. Bachelor's degree 2. Two years of experience with Oracle PPM Cloud and Grants are highly desirable 3. Familiarity with state/local government accounting, financial, budget and grant training
Qualifications:	**Required:** 1. The candidate should have a broad business background, good interpersonal communications skills and a thorough understanding of Oracle Fusion Cloud ERP. 2. 12+ years of experience in Oracle Cloud ERP/Oracle EBS with a minimum of 2+ full-lifecycle Oracle Cloud Financials implementation experience 3. Full life-cycle project development including Requirements, Design, Development, Testing and Roll-out 4. Knowledge of Enterprise Structures, module-specific configurations, ability to do requirement analysis and deliver functional design documents of the mentioned modules. 5. Ability to quickly understand the business requirement and to design functional concepts 6. Excellent analytical and problem-solving skills. 7. Demonstrates experience in multiple business processes, ability to architect and design technology solutions and manage cross functional teams, projects, vendor management. 8. Ability to Lead and design Cloud ERP Project solution, manage all aspects of Oracle Fusion and financial applications, support, and operations, including planning, designing, implementing, integrating, testing, and supporting and maintaining various functions.

CLIN	**A174, A274, A374, A474**
Agency	**OCIO-ESG**
Title	**Oracle Cloud ERP Organization Change Management and Training – Grants and Projects - Level 2**
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: 1. Develop, enhance, and conduct training 2. Develop instructional material to teach District's end-user community the use of Oracle Cloud ERP 3. Develop Job Aids, Policies, and Procedures 4. Train learners in the appropriate use of financial tasks in Oracle Cloud enterprise systems 5. Oversee and develop all aspects of the training life cycle: develop and implement a training strategy, needs assessment, curriculum design, content development and delivery plan, and success metrics/KPIs 6. Create learning materials, data sets for sandboxes, and other relevant training resources 7. Partner with District's business and support team to maximize Oracle Cloud system adoption 8. Create and implement strategic communications and change management deliverables including but not limited to slide decks, roadmaps, social media account management, organizational design, workforce analytics and evaluation, and more
Education:	1. Bachelor's degree 2. 2 years of experience training end users in Oracle PPM Cloud – Grants is highly desirable 3. Experience supporting and training Public Sector clients 4. Familiarity with state/local government accounting, financial, budget and grant training
Qualifications:	**Required:** 1. 12 years of professional work experience related to instructional design and Oracle ERP Cloud or EBS products 2. 4 years of experience conducting training

	3. 2 years of experience training end users in Oracle PPM Cloud – Projects Module 4. Experience related to instructional design, preferably on a corporate-level or large-scale systems implementation projects

CLIN	**A175, A275, A375, A475**
Agency	**OCIO-ESG**
Title	**Oracle Cloud ERP Organization Change Management and Training – Budget to Report - Level 2**
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: 1. Develop, enhance, and conduct training 2. Develop instructional material to teach District's end-user community the use of Oracle Cloud ERP 3. Develop Job Aids, Policies, and Procedures 4. Assessment, curriculum design, content development and delivery plan, and success metrics/KPIs 5. Create learning materials, data sets for sandboxes, and other relevant training resources 6. Partner with District's business and support team to maximize Oracle Cloud system adoption 7. Create and implement strategic communications and change management deliverables including but not limited to slide decks, roadmaps, social media account management, organizational design, workforce analytics and evaluation, and more 8. Train learners in the appropriate use of financial tasks in Oracle Cloud enterprise systems 9. Oversee and develop all aspects of the training life cycle: develop and implement a training strategy, needs
Education:	1. Bachelor's degree 2. Experience supporting and training Public Sector clients 3. Familiarity with state/local government accounting, financial, budget and grant training

Qualifications:	**Required:** 1. 12 years of professional work experience related to instructional design and Oracle ERP Cloud or EBS products 2. 4 years of experience conducting training 3. 2 years of experience training end users in Oracle Cloud Financial Solution – Budget to Report (General Ledger Module) 4. Experience related to instructional design, preferably on a corporate-level or large-scale systems implementation projects

CLIN	**A176, A276, A376, A476**
Agency	**OCIO-ESG**
Title	**Oracle Cloud ERP Organization Change Management and Training – Procure to Pay - Level 2**
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: 1. Develop, enhance, and conduct training 2. Develop instructional material to teach District's end-user community the use of Oracle Cloud ERP 3. Develop Job Aids, Policies, and Procedures 4. Train learners in the appropriate use of financial tasks in Oracle Cloud enterprise systems 5. Oversee and develop all aspects of the training life cycle: develop and implement a training strategy, needs assessment, curriculum design, content development and delivery plan, and success metrics/KPIs 6. Create learning materials, data sets for sandboxes, and other relevant training resources 7. Partner with District's business and support team to maximize Oracle Cloud system adoption 8. Create and implement strategic communications and change management deliverables including but not limited to slide decks, roadmaps, social media account management, organizational design, workforce analytics and evaluation, and more
Education:	1. Bachelor's degree 2. Experience supporting and training Public Sector clients

	3. Familiarity with state/local government accounting, financial, budget and grant training
Qualifications:	**Required:** 1. 12 years of professional work experience related to instructional design and Oracle ERP Cloud or EBS products 2. 4 years of experience conducting training 3. 2 years of experience training end users in Oracle Cloud Financial Solution – Procure to Pay (Purchasing and Accounts Payable Modules) 4. Experience related to instructional design, preferably on a corporate-level or large-scale systems implementation projects

CLIN	**A177, A277, A377, A477**
Agency	**OCIO-ESG**
Title	**Oracle Cloud ERP Organization Change Management and Training – Order to Cash - Level 2**
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: 1. Develop, enhance, and conduct training 2. Develop instructional material to teach District's end-user community the use of Oracle Cloud ERP 3. Develop Job Aids, Policies, and Procedures 4. Train learners in the appropriate use of financial tasks in Oracle Cloud enterprise systems 5. Oversee and develop all aspects of the training life cycle: develop and implement a training strategy, needs assessment, curriculum design, content development and delivery plan, and success metrics/KPIs 6. Create learning materials, data sets for sandboxes, and other relevant training resources 7. Partner with District's business and support team to maximize Oracle Cloud system adoption 8. Create and implement strategic communications and change management deliverables including but not limited to slide decks, roadmaps, social media account management, organizational design,

	workforce analytics and evaluation, and more
Education	1. Bachelor's degree 2. Experience supporting and training Public Sector clients 3. Familiarity with state/local government accounting, financial, budget and grant training
Qualifications:	**Required:** 1. 12 years of professional work experience related to instructional design and Oracle ERP Cloud or EBS products 2. 4 years of experience conducting training 3. 2 years of experience training end users in Oracle Cloud Financial Solution – Order to Cash (Project Billing and Accounts Receivable Modules) 4. Experience related to instructional design, preferably on a corporate-level or large-scale systems implementation projects

CLIN	**A178, A278, A378, A478**
Agency	**OCIO-ESG**
Title	**Oracle EPM Technical Narrative Report Specialist – Level 2**
Duties and Responsibilities	The Contractor shall perform the following duties and responsibilities: 1. Design and develop business rules, including Groovy rules for financials, workforce, projects, and custom cubes. 2. Configuring and developing with EPM Cloud Planning workforce module and associated business rules, forms, and integrations with PeopleSoft. 3. Design and develop reports, packages, doclets, using narrative reporting for annual financial reports and Budget book reports. 4. Configuring Financial close and consolidation modules in integration with Oracle ERP General ledger for developing annual financial reports. 5. Design, develop, and deploy EPM Planning, and Narrative reporting RestAPI using Groovy Scripting and business rules. 6. Expertise in Python scripts utilizing the EPM cloud RESTAPI and

	EPM Automate to extract, transform, and load ERP data into EPM planning using. Experience working with the Oracle ERP OIC as needed. 7. Design, develop, and support data integrations using data management, data exchange, and loading data for EPM cloud. 8. EPM planning integrations for ERP General ledger, budgetary control, and projects and awards modules, as well as experience integrating with PeopleSoft. 9. Analyze, debug, and interact with Oracle Support to resolve Oracle Planning environment and development issues. 10. Provide ongoing support throughout the SDLC process, including the development and maintenance of Oracle planning artifacts. 11. Assess the impact of potential changes and implement solutions to mitigate negative outcomes
Education:	Bachelor's Degree in MIS, Computer Science, Math, Engineering or comparable major or 4 Years of experience.
Qualifications:	Experience 1. Minimum (12) years of technical experience with Oracle Budget Applications such as Hyperion, EPM Cloud, and EPBCS 2. Professional experience with 2+ large Hyperion, EPM Cloud, and Oracle Planning implementations in the Public Sector. 3. Demonstrates intimate abilities and/or a proven record of developing management reporting, Dashboards, SmartView for Narrative reporting, Annual Report production and/or Budget Book production. 4. Minimum (5) years' experience developing planning forms, data management integrations, business rules, reports with EPM cloud and/or EPBCS planning, narrative reporting, and Financial close and consolidation applications. 5. Minimum (3) years' experience implementing Oracle EPM Groovy business rules 6. Minimum (3) years of technical experience with Oracle EPM, Hyperion, EPM Automate and Python to load/extract data and associated scripts. 7. Ability to interact with stakeholders, manage expectations, provide regular updates and conduct requirement definition sessions.

CLIN	**A179, A279, A379, A479**
Agency	**OCIO-ISG**
Title	**Certified Azure Cloud Engineer**
Duties and Responsibilities	The incumbent shall perform the following duties and responsibilities: 1. Architect, design, deploy, and manage Azure Gov IaaS, SaaS & PaaS services, and solutions. 2. Hands on role to implement and maintain Azure Gov Cloud tenant, including workloads migration (VMware) from on-perm to cloud. 3. Manage overarching product/platform architectures and ensure design and development of all projects follow the architectural vision. 4. Conduct analysis, design and implementation of infrastructure and cloud data center solutions including computing, networking, routing and security. 5. Design and support solutions in cloud and virtualized computing environments with and understanding of hybrid cloud architectures. 6. Successfully communicate, evangelize and implement the architectural vision across teams. 7. Provide technical leadership and work with team direction on projects with a high level of complexity. 8. Create a well-informed cloud strategy and manage the adaptation process. 9. Cost management of Azure Gov services and implementation of a tagging strategy for Cloud Resources and Assets with an associated taxonomy in support of cost rebilling, reporting, and compliance. 10. Proficient in core Microsoft technologies including Windows, Windows server administration, Active Directory, Identity and Access Management, DNS, SQL 11. Design, build, upgrade, and decommission various Windows and Linux systems, features, and services including but not limited to: a. Active Directory (Azure AD) b. Azure Storage (Blob, Files, Disks) c. App Services d. BCDR (Azure Backup, Azure Site Recovery, Recovery Vaults) e. Networking (vNets, Subnets, Express Route) f. Virtual Machines 12. Liaise effectively with 3rd party suppliers and support providers to ensure issues and solutions are provided within expected service levels. 13. Create supporting documentation for various audiences with the ability to multi-task and be creative and innovative in a dynamic, fast paced team environment.

	14. Knowledge of RESTful API, Web Services, XML, JSON.
Education:	1. Bachelor's or Master's Degree in Information Technology or Computer Science 2. The equivalent combination of education and successful work experience (10 years) and 3. Microsoft AZURE Certification in specialized areas is a Must
Qualifications:	Experience: 1. Minimum (3) years of experience in design and maintenance of public/Gov cloud solutions with a focus on Microsoft Azure (Gov preferred) IaaS, PaaS service like Database services, Kubernetes etc. 2. Understand the terminologies and how to navigate IP subnetting, Network Security Groups, routing, Azure Firewall, load balancing, DNS, and other networking concepts and protocols 3. Excellent technical architecture skills, enabling the creation of future-proof, complex global solutions and Strong Experience across Applications Migration (On-Perm VMware) to Azure (Gov Cloud Preferred) . 4. Minimum (3) years of experience providing IT administration and/or engineering services managing Windows and Linux Servers and Services. 5. Expert knowledge of Azure CLI PowerShell, ARM Templates, Azure Networking, Azure Virtual Networks, and Site-to-Site-VPN. 6. Intermediate knowledge of Azure DevOps configuration and Management, Azure Security Center, and Azure Identity Management, including Azure AD, Azure AD B2C, SSO. 7. Experience with cloud monitoring including Azure Log Analytics, Azure Monitor, and Application insights. 8. Experience implementing DevOPS practices including Infrastructure-As-Code (IAC), Continuous Integration / Continuous Deployment (CI / CD), and automated testing. 9. Knowledge of network technologies as they relate to AWS. 10. Knowledge of security policies, network security, data security and security event management to adopt cloud security services 11. Experience in Terraform and/or Ansible and/or Azure Gov cloud / AWS CloudFormation IaC tools. 12. Script Experience - PowerShell, Python, Bash, or similar. Pyspark experience preferred. 13. Experience with relational databases such as MS SQL Technical Skills: 1. Ability to exercise independent judgment and take action on it. 2. Excellent analytical and creative problem-solving skills. 3. Excellent listening, interpersonal, written, and oral communication

	skills. 4. Logical and efficient, with keen attention to detail. 5. Highly self-motivated and directed. 6. Ability to effectively prioritize and execute tasks while under pressure. 7. Strong customer service orientation. 8. Experience working in a team-oriented, collaborative environment.

Attachment B

ATTACHMENT J.4, PRICE SCHEDULE - NTE HOURLY RATES

B.5.1 PRICE SCHEDULE – NTE Hourly Rates – REQUIREMENTS

B.5.1.2 OPTION PERIOD ONE

CLIN	Labor Category	Est. # of Resources	Est. # of Hours	NTE Hourly Rate
Office of the Chief Information Officer (OCIO)				
A167	Disaster Recovery Specialist	1	1040	$170.41
A168	Security Analyst	1	1040	$172.94
A169	Infrastructure Automation Engineer	1	1040	$174.12
A170	IT Security Engineer	1	1040	$201.95
A171	Network Architect	1	1040	$166.89
A172	Virtual Desktop Infrastructure Engineer	1	1040	$145.06
A173	Oracle Cloud ERP Functional Architect – Level 2	1	1040	$201.43
A174	Oracle Cloud ERP Organization Change Management and Training – Grants and Projects - Level 2	1	1040	$153.29
A175	Oracle Cloud ERP Organization Change Management and Training – Budget to Report - Level 2	1	1040	$153.29
A176	Oracle Cloud ERP Organization Change Management and Training – Procure to Pay - Level 2	1	1040	$153.29
A177	Oracle Cloud ERP Organization Change Management and Training – Order to Cash - Level 2	1	1040	$153.29
A178	Oracle EPM Technical Narrative Report Specialist – Level 2	1	1040	$140.04
A179	Certified Azure Cloud Engineer	1	1040	$145.09

B.5.1.3 OPTION PERIOD TWO

CLIN	Labor Category	Est. # of Resources	Est. # of Hours	NTE Hourly Rate
Office of the Chief Information Officer (OCIO)				
A267	Disaster Recovery Specialist	1	2080	$173.82
A268	Security Analyst	1	2080	$176.40

A269	Infrastructure Automation Engineer	1	2080	$177.60
A270	IT Security Engineer	1	2080	$205.99
A271	Network Architect	1	2080	$170.23
A272	Virtual Desktop Infrastructure Engineer	1	2080	$147.96
A273	Oracle Cloud ERP Functional Architect – Level 2	1	2080	$205.46
A274	Oracle Cloud ERP Organization Change Management and Training – Grants and Projects - Level 2	1	2080	$156.36
A275	Oracle Cloud ERP Organization Change Management and Training – Budget to Report - Level 2	1	2080	$156.36
A276	Oracle Cloud ERP Organization Change Management and Training – Procure to Pay - Level 2	1	2080	$156.36
A277	Oracle Cloud ERP Organization Change Management and Training – Order to Cash - Level 2	1	2080	$153.29
A278	Oracle EPM Technical Narrative Report Specialist – Level 2	1	2080	$142.84
A279	Certified Azure Cloud Engineer	1	2080	$147.99

B.5.1.4 OPTION PERIOD THREE

CLIN	Labor Category	Est. # of Resources	Est. # of Hours	NTE Hourly Rate
Office of the Chief Information Officer (OCIO)				
A367	Disaster Recovery Specialist	1	2080	$177.30
A368	Security Analyst	1	2080	$179.93
A369	Infrastructure Automation Engineer	1	2080	$181.15
A370	IT Security Engineer	1	2080	$210.11
A371	Network Architect	1	2080	$173.63
A372	Virtual Desktop Infrastructure Engineer	1	2080	$150.92
A373	Oracle Cloud ERP Functional Architect – Level 2	1	2080	$209.57
A374	Oracle Cloud ERP Organization Change Management and Training – Grants and Projects - Level 2	1	2080	$159.49
A375	Oracle Cloud ERP Organization Change Management and Training – Budget to Report - Level 2	1	2080	$159.49

A376	Oracle Cloud ERP Organization Change Management and Training – Procure to Pay - Level 2	1	2080	$159.49
A377	Oracle Cloud ERP Organization Change Management and Training – Order to Cash - Level 2	1	2080	$159.49
A378	Oracle EPM Technical Narrative Report Specialist – Level 2	1	2080	$145.70
A379	Certified Azure Cloud Engineer	1	2080	$150.95

B.5.1.5 OPTION PERIOD FOUR

CLIN	Labor Category	Est. # of Resources	Est. # of Hours	NTE Hourly Rate
Office of the Chief Information Officer (OCIO)				
A467	Disaster Recovery Specialist	1	2080	$180.85
A468	Security Analyst	1	2080	$183.53
A469	Infrastructure Automation Engineer	1	2080	$184.77
A470	IT Security Engineer	1	2080	$214.31
A471	Network Architect	1	2080	$177.10
A472	Virtual Desktop Infrastructure Engineer	1	2080	$153.94
A473	Oracle Cloud ERP Functional Architect – Level 2	1	2080	$213.76
A474	Oracle Cloud ERP Organization Change Management and Training – Grants and Projects - Level 2	1	2080	$162.68
A475	Oracle Cloud ERP Organization Change Management and Training – Budget to Report - Level 2	1	2080	$162.68
A476	Oracle Cloud ERP Organization Change Management and Training – Procure to Pay - Level 2	1	2080	$162.68
A477	Oracle Cloud ERP Organization Change Management and Training – Order to Cash - Level 2	1	2080	$162.68
A478	Oracle EPM Technical Narrative Report Specialist – Level 2	1	2080	$148.61
A479	Certified Azure Cloud Engineer	1	2080	$153.97