

<b>AWARD/CONTRACT</b>		1 THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING		PAGE OF PAGES 1 54	
2 CONTRACT (Proc Inst. Ident.) NO. HHSN316201600005W				3 EFFECTIVE DATE See Block 20C		4 REQUISITION/PURCHASE REQUEST/PROJECT NO. 4114817	
5 ISSUED BY National Institutes of Health NIH Info Tech Acquisition and Assessment Center Bethesda MD 20892-7511		CODE IO-OLAO/NITAAC		6 ADMINISTERED BY (if other than Item 5) National Institutes of Health NIH Info Tech Acquisition and Assessment Center Bethesda MD 20892-7511		CODE ADM-OLAO/NITAAC	

7 NAME AND ADDRESS OF CONTRACTOR (No, Street, City, Country, State and ZIP Code) TECHNATOMY CORPORATION:1207434 3877 FAIRFAX RIDGE ROAD, SUITE 205C FAIRFAX VA 220307425				8 DELIVERY <input type="checkbox"/> FOB ORIGIN <input checked="" type="checkbox"/> OTHER (See below)			
				9 DISCOUNT FOR PROMPT PAYMENT PROMPT PAY			
				10 SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN		ITEM	

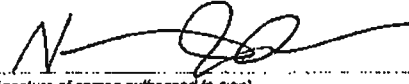
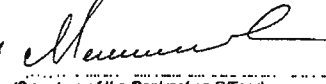
CODE		FACILITY CODE		11 SHIP TO/MARK FOR		12 PAYMENT WILL BE MADE BY	
		6011 EXE BLVD, ROCKVL		6011 Executive Blvd, Rockville 6011 Executive Blvd Rockville MD 20852		Approved By, DITA-NITAAC Central 2115 East Jefferson St, MSC 8500 2115 East Jefferson St, MSC 8500 Room 4B-432 Bethesda, MD 20892-8500	
				CODE		DITA-NITAAC	

13 AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION <input type="checkbox"/> 10 U.S.C 2304 (c) ( ) <input type="checkbox"/> 41 U.S.C 253 (c) ( )				14 ACCOUNTING AND APPROPRIATION DATA See Schedule			
15A. ITEM NO		16B SUPPLIES/SERVICES		16C QUANTITY	16D UNIT	15E UNIT PRICE	16F. AMOUNT
Continued							
16G TOTAL AMOUNT OF CONTRACT						\$20,000,000,000.00	

(X)	SEC	DESCRIPTION	PAGE(S)	(X)	SEC.	DESCRIPTION	PAGE(S)
PART I - THE SCHEDULE				PART II - CONTRACT CLAUSES			
	A	SOLICITATION/CONTRACT FORM			I	CONTRACT CLAUSES	
	B	SUPPLIES OR SERVICES AND PRICES/COSTS		PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACH.			
	C	DESCRIPTION/SPECS./WORK STATEMENT			J	LIST OF ATTACHMENTS	
	D	PACKAGING AND MARKING		PART IV - REPRESENTATIONS AND INSTRUCTIONS			
	E	INSPECTION AND ACCEPTANCE			K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	
	F	DELIVERIES OR PERFORMANCE			L	INSTRS., CONDS., AND NOTICES TO OFFERORS	
	G	CONTRACT ADMINISTRATION DATA			M	EVALUATION FACTORS FOR AWARD	
	H	SPECIAL CONTRACT REQUIREMENTS					

CONTRACTING OFFICER WILL COMPLETE ITEM 17 (SEALED-BID OR NEGOTIATED PROCUREMENT) OR 18 (SEALED-BID PROCUREMENT) AS APPLICABLE

17 <input checked="" type="checkbox"/> CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 1 copies to issuing office) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)		18 <input type="checkbox"/> SEALED-BID AWARD (Contractor is not required to sign this document) Your bid on Solicitation Number _____ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. The award consummates the contract which consists of the following documents: (a) the Government's solicitation and your bid, and (b) this award/contract. No further contractual document is necessary (Block 18 should be checked only when awarding a sealed-bid contract.)	
18A NAME AND TITLE OF SIGNER (Type or print) Nadeem Butler, President		20A NAME OF CONTRACTING OFFICER NATALIE MELOMED	

19B NAME OF CONTRACTOR		19C DATE SIGNED 3/22/2016		20B UNITED STATES OF AMERICA		20C DATE SIGNED 03/25/2016	
BY  (Signature of person authorized to sign)				BY  (Signature of the Contracting Officer)			

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
HHSN316201600005W

PAGE OF  
2 54

NAME OF OFFEROR OR CONTRACTOR  
TECHNATOMY CORPORATION:1207434

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
1	<p>Chief Information Officer - Solutions and Partners 3 (restricted) is a 10 year IDIQ contract. All federal agencies may place task orders against this contract.</p> <p>The subject contractor is qualified under the Small Business Group of this contract in the following task areas:</p> <p>Task Area 1 - IT Services for Biomedical Research, Health Sciences, and Healthcare Task Area 2 - Chief Information Officer (CIO) Support Task Area 3 - Imaging Task Area 4 - Outsourcing Task Area 5 - IT Operations and Maintenance Task Area 6 - Integration Services Task Area 7 - Critical Infrastructure Protection and Information Assurance Task Area 8 - Digital Government Task Area 9 - Enterprise Resource Planning Task Area 10 - Software Development</p> <p>The overall minimum for this contract is: \$250.00 The minimum is guaranteed The overall maximum for this contract is: \$20,000,000,000.00 Delivery: 04/06/2016 FOB: Unknown Period of Performance: 03/22/2016 to 07/14/2022</p> <p>Chief Information Officer - Solutions and Partners 3 (restricted) Obligated Amount: \$250.00 Delivery To: 6011/501 Product/Service Code: D399 Product/Service Description: IT AND TELECOM- OTHER IT AND TELECOMMUNICATIONS</p> <p>Project Data: 124914.1.HNAM277 OD OM OALM OLAO DATA DIV ACQUISITION TECHNOLOGY ACQUI.252Z ALL OTHER SERVICES WITH T.03/07/2016 Accounting Info: 08000420160RA0.2016.06.A100.HNAM270000C.I.00566.90 1.A178.252Z.610001.9999.9999.9999 Funded: \$250.00</p>				20,000,000,000.00

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## **PART I – THE SCHEDULE**

### **SECTION A: SOLICITATION/CONTRACT FORM**

See Standard Form (SF) 26.

### **SECTION B: SUPPLIES OR SERVICES AND PRICES/COSTS**

#### **Article B.1 General**

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The Chief Information Officer–Solutions and Partners 3 (CIO-SP3) Small Business Government-Wide Acquisition Contract (GWAC) is a ten (10) year Indefinite Delivery/Indefinite Quantity (IDIQ) contract. This contract is intended to provide information technology (IT) solutions and services as defined in FAR 2.101(b) and further clarified in the Clinger-Cohen Act of 1996. These IT solutions and services include, but are not limited to, health and biomedical-related IT services to meet scientific, health, administrative, operational, managerial, and information management requirements. The contract also contains general IT services partly because medical systems are increasingly integrated within a broader IT architecture, requiring a systems approach to their implementation and a sound infrastructure for their operation.

#### **Article B.2 Authority**

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The Office of Management and Budget (OMB) has designated NIH as an Executive Agent for government-wide IT acquisitions pursuant to Section 5112(e) of the Clinger-Cohen Act, 40 U.S.C. Sec. 11302(e). The scope of this designation includes the award and administration of the GWAC. Through this GWAC, Federal government agencies can award task orders to acquire IT services.

The authority of the National Institutes of Health Information Technology Acquisition and Assessment Center (NITAAC) Procuring Contracting Officer (PCO), and the agency Ordering Contracting Officer (OCO) are defined in Article G.3 Roles.

#### **Article B.3 Task Order Awards against the GWAC**

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Pursuant to FAR 16.504(a)(4)(vi), any duly warranted federal government Contracting Officer (as that term is defined in FAR 2.1) in good standing with the appropriate contracting authority is authorized to award task orders under this contract. For purposes of this contract, these individuals are referred to as OCOs. Task orders may be multi-year or include options as defined in FAR Part 17 and agency-specific FAR Part 17 supplements. Refer to Article F.2 Task Order Period of Performance.

#### **Article B.4 Prices/Costs**

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This is an Indefinite Quantity contract as contemplated by FAR 16.504.

- a. The costs and prices set forth in this Article will cover the contract period (see awarded Standard Form 26).
- b. The Government will issue Task Orders based on the work described in SECTION C of this contract and the schedules set forth in Section J, Attachment J.1 Labor Rates.
- c. The price schedules set forth in Section J, Attachment J.1 Labor Rates, contain on-site and off-site hourly labor rates for each year of the contract for work to be performed within CONUS. These price schedules can be used on Firm Fixed Price, Time and Materials, and Labor-Hour type task orders (See FAR 52.232-7, Payments under Time-and-Materials and Labor-Hour Contracts for a definition of these rates). The hourly rates are ceiling price rates and contractors may, at their discretion, elect to propose lower hourly rates when responding to a request for a task order.

Factors such as complexity of work, geographic locations and security clearances authorize OCOs to negotiate Loaded Hourly Labor Rates suited to meet their specific task order requirements. Contractors shall explain in their task order proposals any Loaded Hourly Labor Rates that exceed the rates in the GWAC or for new proposed labor categories (see Article H.1.1), and the OCO will determine the reasonableness of the pricing as defined in FAR 15.4, Pricing and FAR 16.601 Time and Materials Contracts. Upon request of the OCO, the contractor will be required to provide supporting documentation for such rates, which may include a

cost element breakdown of each Loaded Hourly Labor Rate (including profit) in accordance with the contractor's cost accounting system, as well as any other supporting information the OCO deems necessary (see Article G.7.2.f).

- d. For Cost Reimbursement task orders, the contractor will provide to the OCO complete supporting schedules identifying all applicable direct and indirect costs in performance of the task order. Contractors with government-approved rates should submit the most recently approved provisional indirect billing and actual rates for both direct and indirect costs. Contractors without audited rates shall propose indirect rates in accordance with FAR Part 31. The fee will be negotiated for each task order consistent with statutory limitations. If the task order type is to be Cost Plus Award Fee (CPAF) or Cost Plus Incentive Fee (CPIF), the fixed portion of fee and the award or incentive portion will be clearly differentiated. Refer to Article G.7.2.e for further information regarding Cost Reimbursement task orders.

#### **B.4.1 Rate Refresher**

Because of the dynamic nature of IT services and potential changes in market conditions, the PCO may determine that there is a need to reassess the rates that have been negotiated and agreed upon in Section J, Attachment J.1 Labor Rates during the contract period of performance. If warranted, rates will be renegotiated with all contractors; however, renegotiation of rates will occur no more frequently than every two years.

#### **Article B.5 Maximum Program Ceiling and Minimum Contract Guarantee**

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The total contract ceiling that may potentially be awarded under the GWAC is \$20 billion for the ten-year period of performance.

The minimum guarantee will be \$250. During the time period between contract award and September 30, XXXX (see initial contract award), contractors that have not been awarded task orders may invoice the government for the minimum guarantee.

#### **Article B.6 Work Outside of the Continental United States (OCONUS)**

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It is anticipated that there may be task orders under this contract for work outside the United States. "OCONUS" is defined as other than the 48 contiguous states plus the District of Columbia. The contractor will be compensated for work performed OCONUS based on the methodology proposed by the contractor and accepted by the OCO for award of an individual task order.

The U.S. Department of State's Bureau of Administration, Office of Allowances, (<http://aoprals.state.gov/>) publishes quarterly report indexes of living costs abroad, per-diem rate maximums, quarter's allowances, hardship differentials, and danger pay allowances for contractors to follow when proposing on OCONUS efforts. No allowances, other than those listed by the U. S. Department of State, shall be allowed on task orders.

The Department of State Standardized Regulations (DSSR) are the controlling regulations for allowances and benefits available to all U.S. Government civilians assigned to foreign areas. For task orders issued under the GWAC, contractor civilians assigned to foreign areas shall not exceed the allowances and benefits in the DSSR. For OCONUS task orders where costs are not specifically addressed in the DSSR, the government will reimburse the contractor for all reasonable, allowable, and allocable costs in accordance with FAR 31, Contract Cost Principles and Procedures.

#### **Article B.7 Posting Requirements for Rates**

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The contractor shall post their rates at their individual websites within 30 days after contract award consistent with the format shown in Section J, Attachment J.1 Labor Rates (see also Article G.5 Contractor Internet Presence). The contractor consents to the government posting the URL for the contractor's site on the NITAAC website.

#### **Article B.8 Advance Understandings**

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##### **a. Non-Personal Services**

Pursuant to FAR 37.1, no personal services shall be performed under any task orders issued under this contract. All work requirements shall flow only from the agency OCO's Technical Representative to the Contractor's Project Manager. No Contractor employee will be directly supervised by the Government. All individual employee

assignments, and daily work direction, shall be given by the applicable employee supervisor. If the Contractor believes any Government communication has been given or action taken that would create a personal services relationship between the Government and any Contractor employee, the Contractor shall promptly notify the OCO of this communication or action.

**b. Inherently Governmental Functions**

Pursuant to FAR 7.5, the Contractor shall not perform any inherently Governmental actions under any task orders issued under this contract. No Contractor employee shall hold him or herself out to be a Government employee, agent, or representative. No Contractor employee shall state orally or in writing at any time that he or she is acting on behalf of the Government. In all communications with third parties in connection with any task orders under this contract, Contractor employees shall identify themselves as Contractor employees and specify the name of the company for which they work. In all communications with other Government contractors in connection with any task order under this contract, the Contractor employee shall state that they have no authority to in any way change the task order and if the other contractor believes this communication to be a direction to change their task order, they should notify the OCO for that contract and not carry out the direction until a clarification has been issued by the OCO.

The Contractor shall insure that all of its employees working on this contract are informed of the substance of this article. Nothing in this article shall limit the Government's rights in any way under the other provisions of the contract, including those related to the Government's right to inspect and accept the services to be performed under this contract. The substance of this article shall be included in all subcontracts at any tier.

**SECTION C: DESCRIPTION/SPECIFICATIONS/WORK STATEMENT**

**Article C.1 Statement of Work**

This contract is designed to permit the Institutes and Centers (ICs) of NIH, the Department of Health and Human Services (DHHS), and all other federal agencies to acquire a wide range of IT services and solutions, both commercial and non-commercial (as referenced in FAR 2.101). These IT services include, but are not limited to, health, health science and biomedical-related IT services to meet scientific, health, administrative, operational, managerial, and information management requirements. The contract also contains general IT services partly because healthcare systems are increasingly integrated within a broader IT architecture, requiring a systems approach to their implementation and a sound infrastructure for their operation. The focus of this contract is to provide to government agencies a mechanism for streamlined ordering of required IT solutions and services at equitable and reasonable prices, to give qualified small businesses a greater opportunity to participate in these requirements, and as a result, give government agencies a mechanism to help meet their socio-economic contracting goals.

The task areas included in the contract, in particular the Task Area 1, "IT Services for Biomedical Research, Health Sciences and Healthcare," support and provide consistency with the accountability goals of the Federal Health Architecture (FHA), whereby federal agencies are to coordinate effective capital planning activities and invest in and implement interoperable health IT. The task areas included in the contract are also designed to support the IT services described in the Federal Enterprise Architecture (FEA). Several examples follow:

- a. Task Area 2 (Article C.2.2), Chief Information Officer (CIO) Support can be used to develop and maintain agency enterprise architectures, in support of the FEA.
- b. For inherently IT components of the FEA, CIO-SP3 Small Business includes task areas that directly address those components. For example, the FEA includes document management as a digital asset service in the Service Reference Model (SRM) that can be addressed through Task Area 8 (Article C.2.8), Digital Government.
- c. For non-IT components of the FEA, the contract includes task areas that support the automation of those components. For example, supply chain management is a business management service in the SRM. Task Area 9 (Article C.2.9), Enterprise Resource Planning includes the services needed to automate supply chain management.
- d. Several FEA components provide support for the execution of IT functions, e.g., customer relationship management, a customer service in the SRM. These components can be supported through Task Area 4 (Article C.2.4), Outsourcing and Task Area 5 (Article C.2.5), IT Operations and Maintenance (O&M).

- e. The FEA Technical Reference Model (TRM) includes standards and technology that would be selected and integrated into systems under specific task orders. For example, web servers are a delivery server in the TRM that could be selected and installed as part of Digital Government task area. In general, all task areas ultimately to be awarded under the contract must be compatible with the agency architecture defined by the agency's TRM. The standards and technology of the TRM will always be incorporated into the systems that are planned and developed under task orders awarded under the contract.
- f. The contract can be used to award task orders that support the Performance Reference Model (PRM) by collecting agency metrics affected by the task. All task areas involve collecting applicable data for the PRM measurement category of Information and Technology Management. Task orders can also support the automation, collection, and evaluation of non-IT measurement areas.
- g. The contract can be used to award task orders that require contractors to provide services that plan, implement and manage data defined in an agency's Data Reference Model (DRM).

The Scope of Work set forth under Article C.2 below outlines the general requirements of the contractor under this contract. Specific details of task assignments, deliverables, documentation, training, applicable government/department/industry standards, etc., will be provided within individual task orders issued by OCOs.

The contractor, acting as an independent contractor and not as an agent of the government, shall furnish all materials, personnel, facilities, support and management necessary to provide the services and solutions as set forth in the Scope of Work below. The geographic scope of this requirement includes the Continental United States (CONUS) and Outside the Continental United States (OCONUS).

## **Article C.2 Scope of Work**

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Ten task areas constitute the technical scope of this contract:

- Task Area 1: IT Services for Biomedical Research, Health Sciences, and Healthcare
- Task Area 2: Chief Information Officer (CIO) Support
- Task Area 3: Imaging
- Task Area 4: Outsourcing
- Task Area 5: IT Operations and Maintenance
- Task Area 6: Integration Services
- Task Area 7: Critical Infrastructure Protection and Information Assurance
- Task Area 8: Digital Government
- Task Area 9: Enterprise Resource Planning
- Task Area 10: Software Development

Each of the task areas described below identifies examples of the types of services that may be included under each task area. The examples are not exhaustive, and other IT services, as required, may be associated with the task areas defined in this Statement of Work.

Task Area 1 specifically provides examples of solutions and services pertaining to biomedical research, health sciences, and healthcare. However, all other nine task areas may also be used to support a health-related mission.

### **C.2.1 Task Area 1 - IT Services for Biomedical Research, Health Sciences, and Healthcare**

The objective of this task area is to support Biomedical Research, Health Sciences and Healthcare by performing studies and analyses, and providing operational, technical, and maintenance services for the systems, subsystems, and equipment, some of which interface with, and are extensions to, information systems throughout the federal government. A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- a. Health Sciences Informatic and Computational Services
- b. Health Communication Support Services and Enhancements to Facilitate Integration and Data Exchange at the Federal, State, and Local Level
- c. Integration of Health Systems Across Federal Agencies and Public and Private Healthcare Systems
- d. Modernization and Enhancement of Existing Health IT Legacy Systems
- e. Automation of Administrative and Clinical Processes
- f. Biomedical Information Services
- g. Biomedical Modeling, Visualization, and Simulation

- h. Biosurveillance and Disease Management Support
- i. Scientific Computing Services
- j. IT Clinical Support Services
- k. Telemedicine (e.g., mobile health/mHealth)
- l. Healthcare Payment Processes and Fraud and Abuse in Medical Claims
- m. Health Emergency Preparedness and Response to Include IT Support for Epidemic and Bio-Terrorism Simulations, Emergency Response Training, Exercise Support, etc.
- n. Security of Healthcare and Biomedical Research Systems
- o. IT Service Management
- p. Healthcare Systems Studies
- q. Natural Language Processing Software and Services (Biology/Medicine Focus)
- r. Medical Computer-based Training
- s. Standards Development for Health IT Services

### **C.2.2 Task Area 2 - Chief Information Officer (CIO) Support**

The objective of this task area is to support Chief Information Officers (CIOs) in implementing laws, regulations, and policies and to facilitate evolving CIO practices. A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- a. IT Governance Process Development and Management
- b. Workforce Management
- c. Capital Planning and Investment Control Support
- d. Independent Verification and Validation
- e. Agency Information Technology Architecture Support
- f. IT Portfolio Analysis
- g. Risk Management
- h. Program Analyses and Implementation (including Business Cases Analysis, Cost/Benefit Analysis and Cost Effectiveness Analyses)
- i. IT Organizational Development
- j. Program Management Office Support
- k. Advisory and Assistance Services
- l. FEA Alignment Support Services
- m. Market Research

### **C.2.3 Task Area 3 – Imaging**

The objective of this task area addresses systems and services that support the collection, storage, and retrieval of digital images. Digital images can include scanned documents, medical images, geographical information systems, video, and photographs. A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- a. Document Management Systems
- b. Image Conversion
- c. Image Content Management
- d. Medical Imaging, including Picture Archiving and Communication Systems
- e. Document Imaging
- f. Workflow Management for Digital Imaging Functions
- g. Geospatial and Scientific Imaging
- h. Environmental Imaging
- i. Image Analysis
- j. 3D Immersive Visualization
- k. Imaging Related to Laboratory and Test Equipment
- l. Security Imaging
- m. Identity and Access Management

### **C.2.4 Task Area 4 – Outsourcing**

The objective of this task area is to provide the Information Technology (IT) infrastructure and IT services required to assume management and operations of government IT resources and IT business functions. A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- a. Program Management
- b. Management of Call Centers
- c. Network Operations and Web Management Support
- d. Leasing of Hardware and Software
- e. Tools and Applications (including Application Service Provider)
- f. Hardware/Software Maintenance
- g. Transition Planning
- h. A-76 Studies Specific to IT Operations or Support
- i. Data Base Administration and Data Storage Management
- j. Backup and Recovery Services System Console Operations
- k. Production Control and Management
- l. Asset Management (including Radio Frequency Identification [RFID] Tracking)
- m. IT Acquisition Management
- n. Desktop Computing as a Unified Service
- o. Managed IT Services Support
- p. IT Impact Analyses
- q. Workflow Management
- r. Implementation of Standards (e.g., International Organization for Standardization (ISO) 9000, Capability Maturity Model Integration (CMMI), IT Services Management)
- s. Solution Leasing
- t. Software-as-a-service (SaaS)
- u. Cloud Computing

#### **C.2.5 Task Area 5 – IT Operations and Maintenance**

The objective of this task area is to support the operation and maintenance of IT systems, keeping IT systems viable with supported vendor releases or off-the-shelf applications software upgrades. Operations and maintenance on IT systems shall include all software and hardware associated with mainframes, client/server, web-based applications, and networking. A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- a. Operational Support
- b. Software Maintenance and Upgrades
- c. Telecommunications Maintenance (Data, Voice, Images, including Wireless)
- d. Infrastructure Management Services (IMS)
- e. Configuration Management
- f. Network/Hardware Support
- g. Help Desk/IT Support
- h. Resource Management
- i. Backup and Recovery Management
- j. Installation, Configuration, and Tuning
- k. Electronic Software Licensing Services including license: deployment, management, tracking, upgrading, etc.
- l. System Management
- m. IT Training
- n. IT Operation and Maintenance Planning
- o. Data Quality Management
- p. Transformation Services
- q. Continual Service Improvement
- r. Balanced Scorecard for Operations
- s. IT Infrastructure Optimization

#### **C.2.6 Task Area 6 – Integration Services**

The objective of this task area is to support the development and deployment of integrated information systems, which includes the integration of technical components, information technology components, organizational components and documentation. Integration projects can support a wide range of agency functions. In the healthcare and research domain, medical imaging systems, patient management systems, clinical management systems, and laboratory management systems are often provided via integration of commercial components with existing infrastructure. A comprehensive, but not limited, sampling of work to

be performed under this task area is shown below:

- a. Infrastructure Engineering, Development, Implementation, Integration
- b. Enterprise Application Integration
- c. Gap Analysis and Benchmarking
- d. Data Migration and Integration
- e. Open Source Integration
- f. Enterprise Data Management
- g. Collaboration Tools
- h. Business Process Reengineering
- i. Test and Evaluation Services
- j. Financial Analysis
- k. Feasibility Studies
- l. Requirements Analysis
- m. System Design Alternative (SDA) Studies
- n. Systems Engineering
- o. Architecture Validation and Verification
- p. Risk Assessment
- q. Acquisition Support

### **C.2.7 Task Area 7 – Critical Infrastructure Protection and Information Assurance**

The objective of this task area is to support the protection of critical infrastructure, assurance of agency information, and operations that protect and defend information and information systems by ensuring confidentiality, integrity, availability, accountability, restoration, authentication, non-repudiation, protection, detection, monitoring, and event react capabilities. A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- a. Cyber Security
- b. Critical Infrastructure Asset Identification and Configuration Management Databases
- c. Information Assurance of Critical Infrastructure
- d. Risk Management (Vulnerability Assessment and Threat Identification)
- e. Facility Protection Planning
- f. Information Systems Security
- g. Security Operations Center Development and Operations Management
- h. Application Security
- i. Disaster Recovery
- j. Critical Infrastructure Continuity and Contingency Planning
- k. Incident Response Planning and Execution
- l. Security Certification and Accreditation
- m. Training and Awareness Programs
- n. Exercises and Simulation
- o. Federal Information Security Management Act (FISMA) Implementation Support
- p. Health Insurance Portability and Accountability Act Implementation Support
- q. Cryptographic Support and Services
- r. Record Management
- s. Public Key Infrastructure
- t. Trusted Internet Connections implementation
- u. Security Review and Analysis of Automated Information Systems
- v. Identity Management and Assurance
- w. Intelligent, Automated Data Collection and Analysis
- x. IT Forensics and eDiscovery

### **C.2.8 Task Area 8 – Digital Government**

The objective of this task area is to support government services that are provided through digital, electronic means, creating a transparent interaction between government and citizens (G2C – government-to-citizens), government and business enterprises (G2B – government-to-business enterprises) and government interagency relationships (G2G - government-to-government). A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- a. Data Warehousing and Data Mining
- b. Business Intelligence
- c. Web Development and Support
- d. Electronic Commerce and Electronic Data Interchange
- e. Customer Relationship Management
- f. Knowledge Management (IT-based sharing/storing of agency individuals' knowledge)
- g. IT –Enhanced Public Relations
- h. IT Strategic Planning
- i. Records/Document Management
- j. Business-to-Government (B2G) Solutions
- k. Communications Management
- l. Accessibility Services (508 and 504 compliance)
- m. Automated Abstraction, Taxonomies, and Ontologies
- n. Deep web and federated searching
- o. Computational linguistics and machine-based translation
- p. Telecommuting Support Services
- q. Interactive Marketing

### **C.2.9 Task Area 9 – Enterprise Resource Planning**

The objective of this task area is to support the implementation of enterprise management applications and systems in the federal environment, which are integrated software applications used to control, monitor, and coordinate key business activities across an enterprise. These applications generally fall into the following categories: Financials, Human Resources, Logistics, Manufacturing, and Projects. A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- a. ERP Package Implementation
- b. Integration of Business Systems
- c. Business Consulting Services
- d. Business Transformation and Business Process Reengineering
- e. Business Systems Modernization
- f. IT Software Package Selection
- g. ERP IT Infrastructure
- h. ERP Infrastructure Planning, Installation, and Tuning
- i. Performance Load Testing
- j. ERP End User Training

### **C.2.10 Task Area 10 – Software Development**

The objective of this task area is to develop customized software applications, database applications, and other solutions not available in off-the-shelf modular software applications. A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- a. Requirements Analysis, Design, Coding, and Testing
- b. Production Deployment
- c. Application Prototyping
- d. Multimedia Software for Patient/Staff Education
- e. Program Evaluation Software
- f. Administrative and General Decision Support Software
- g. Business Intelligence and Analytics
- h. GIS-Enhanced Planning and Program Evaluation Software
- i. Web 2.0 Development and Management
- j. Database Development and Management
- k. Clinical Protocol and Quality Assurance Decision Support Software

## **Article C.3 Reporting Requirements**

The contractor is responsible for the following reporting under the GWAC. Reporting required under paragraphs a. through d. below shall be made through the Electronic Government Ordering System (e-GOS). (See G.7.1 Electronic Government Ordering System for further information.)

*(The following statement does not apply to subparagraphs a. through e.)*

All electronic reports submitted shall be compliant with Section 508 of the Rehabilitation Act of 1973. Additional information about testing documents for Section 508 compliance, including guidance and specific checklists, by application, can be found at: <http://www.hhs.gov/web/508/index.html> under "Making Files Accessible."

**a. Award and Modification Report**

All task order awards and modifications issued shall be reported in e-GOS within 10 calendar days of receipt by the contractor. The reporting of modifications pertains to both funded modifications and administrative modifications.

**b. Quarterly Activity Report**

The Quarterly Activity Report is a summary of the award and modification activity reported by the contractor in the e-GOS during the previous quarter. The contractor is responsible for correcting any errors in the information prior to quarterly certification of the information through e-GOS.

**c. NIH Contract Access Fee Payment Report**

The NIH Contract Access Fee (NCAF) Payment Report is a summary of payment activity by the contractor. The contractor shall certify NCAF payments through e-GOS on a quarterly basis. During the process of certification, the contractor shall provide the status on any balances that are due and identify and explain any discrepancies found.

**d. Contractor Profile Report**

The contractor shall be responsible for maintaining the contractor company profile in e-GOS. On a quarterly basis, the contractor shall certify the accuracy of the information in e-GOS.

**e. Internet Presence Report**

The contractor shall submit an Internet Presence Report certifying that the contract holder is in full compliance with Article G.5 Contractor Internet Presence requirements. The report shall be submitted to the NITAAC Customer Support Center at [NITAACsupport@nih.gov](mailto:NITAACsupport@nih.gov) providing compliance status on all requirements under Article G.5 for the previous quarter.

**f. Reporting Schedule**

The certifications required by paragraphs b. through e. shall be submitted in accordance with the following schedule:

Quarter	Period	Due Date
Quarter 1	October 1 – December 31	by January 15
Quarter 2	January 1 – March 31	by April 15
Quarter 3	April 1 – June 30	by July 15
Quarter 4	July 1 – September 30	by October 15

**g. Limitations on Subcontracting Certification**

The contractor shall submit an annual certification on or before October 15 of each year stating whether or not the contractor complied with FAR 52.219-14(c)(1) Limitations on Subcontracting, for the previous fiscal year. The certification shall be submitted on contractor official company letterhead to the NITAAC Customer Support Center at [NITAACsupport@nih.gov](mailto:NITAACsupport@nih.gov).

The certification letter shall be signed and dated, and shall include the CIO-SP3 Small Business Contract Number, the fiscal year certified, and the following statement:

"With this letter, [enter contractor legal name here] certifies that it has complied (or not complied) with FAR 52.219-14(c)(1) Limitations on Subcontracting requirements in the previous fiscal year [list the start and end dates of the previous fiscal year]."

The letter shall also include actual dollars and percentages in the following format:

	Actual Annual	Actual Cumulative
<b>Total Funded Amount:</b>	\$	\$
<b>Total Cost Incurred:</b>	\$	\$
a) Total Subcontracted Amount:	\$	\$
b) Total Subcontracted percentage:	%	%

*\*Note: Actual Annual = Previous Fiscal Year      Actual Cumulative = Contract Award to Date*

**h. Contractor Accounting System Certification**

Contractors shall demonstrate their continued ability to maintain an adequate accounting system for Cost Reimbursement task orders under this contract. Accordingly, the contractor shall submit a signed and dated letter on its company letterhead, certifying its compliance with FAR Part 16.301-3(a)(1) for determining costs applicable to task orders under this contract. The contractor letter shall include the following statement, and be submitted annually to the NITAAC Customer Support Center at NITAACsupport@nih.gov on or before October 15 of each year:

“With this letter, [enter contractor legal name here] certifies that its accounting system was audited and continues to be adequate in accordance with FAR Part 16.301-3(a)(1) for determining costs applicable to task orders under this contract.”

**i. Information Security and Physical Access Security Reporting Requirements**

*(The following reporting requirements **do not apply to this contract**; however, these requirements apply to applicable HHS task Orders. For non-HHS task orders, the Information and Physical Access Security clause may be appropriately tailored by the customer agency as applicable.)*

The Contractor shall submit the following reports as required by the Information and Physical Access Security clause in Article H.6 of Section H of this contract.

**1. Roster of Employees Requiring Suitability Investigations**

The contractor shall submit a roster, by name, position, e-mail address, phone number and responsibility, of all staff (including subcontractor staff) working under the contract who will develop, have the ability to access, or host and/or maintain a Federal information system(s). The roster shall be submitted to the Contracting Officer's Representative (COR), with a copy to the Contracting Officer, within 14 calendar days of the effective date of the contract. (Reference subparagraph A.e of the Information and Physical Access Security clause in Article H.6 of Section H of this contract.)

**2. Reporting of New and Departing Employees**

The Contractor shall notify the Contracting Officer's Representative (COR) and contracting Officer within five working days of staffing changes for positions that require suitability determinations as follows:

- a. **New Employees who have or will have access to HHS Information systems or data:** Provide the name, position title, e-mail address, and phone number of the new employee. Provide the name, position title and suitability level held by the former incumbent. If the employee is filling a new position, provide a description of the position and the Government will determine the appropriate security level.
- b. **Departing Employees:** 1) Provide the name, position title, and security clearance level held by or pending for the individual; and 2) Perform and document the actions identified in the "Employee Separation Checklist", attached in Section J, List of Attachments of this contract, when a Contractor/Subcontractor employee terminates work under this contract. All documentation shall be made available to the COR and/or Contracting Officer upon request. (Reference subparagraph E.2.a through E.2.c of the Information and Physical Access Security clause in Article H.6 of Section H of this contract.)
- c. **Contractor - Employee Non-Disclosure Agreement(s):** The contractor shall complete and submit a signed and witnessed "Commitment to Protect Non-Public Information - Contractor Agreement" form for each contractor and subcontractor employee who may have access to non-public Department information under this contract. This form is located at:  
<https://ocio.nih.gov/aboutus/publicinfosecurity/acquisition/Documents/Nondisclosure.pdf>.

(Reference subparagraph E.3.d. of the Information and Physical Access Security clause in Article H.6 of Section H of this contract.)

*(The following reporting requirement does not apply to this contract, but will apply to any HHS task order that involves contractor access to federal information or federal information systems.)*

3. IT Security Plan (IT-SP)

In accordance with HHSAR Clause 352.239-72, Security Requirements For Federal Information Technology Resources, the contractor shall submit the IT-SP within thirty (30) days after contract award. The IT-SP shall be consistent with, and further detail the approach to, IT security contained in the Contractor's bid or proposal that resulted in the award of this contract. The IT-SP shall describe the processes and procedures that the Contractor will follow to ensure appropriate security of IT resources that are developed, processed, or used under this contract. If the IT-SP only applies to a portion of the contract, the Contractor shall specify those parts of the contract to which the IT-SP applies.

The Contractor shall review and update the IT-SP in accordance with NIST SP 800-53A, Guide for Assessing the Security Controls in Federal Information Systems and Organizations, on an annual basis.

(Reference subparagraph D.c.1 of the Information and Physical Access Security clause in Article H.6 of Section H of this contract.)

*(The following reporting requirement does not apply to this contract, but will apply to any HHS task order that involves contractor access to federal information or federal information systems.)*

4. IT Risk Assessment (IT-RA)

In accordance with HHSAR Clause 352.239-72, Security Requirements For Federal Information Technology Resources, the contractor shall submit the IT-RA within thirty (30) days after contract award. The IT-RA shall be consistent, in form and content, with NIST SP 800-30, Risk Management Guide for Information Technology Systems, and any additions or augmentations described in the HHS-OCIO Information Systems Security and Privacy Policy.

The Contractor shall update the IT-RA on an annual basis.

(Reference subparagraph D.c.2 of the Information and Physical Access Security clause in Article H.6 of Section H of this contract.)

*(The following reporting requirement does not apply to this contract, but will apply to any HHS task order that involves contractor access to federal information or federal information systems.)*

5. FIPS 199 Assessment

In accordance with HHSAR Clause 352.239-72, Security Requirements For Federal Information Technology Resources, the Contractor shall submit a FIPS 199 Assessment within thirty (30) days after contract award. The FIPS 199 Assessment shall be consistent with the cited NIST standard.

(Reference subparagraph D.c.3 of the Information and Physical Access Security clause in Article H.6 of Section H of this contract.)

*(The following reporting requirement does not apply to this contract, but will apply to any task order that involves contractor development, maintenance, and access to federal information systems.)*

6. IT Security Certification and Accreditation (IT-SC&A)

In accordance with HHSAR Clause 352.239-72, Security Requirements for Federal Information Technology Resources, the Contractor shall submit written proof to the Contracting Officer that an IT-SC&A was performed within three (3) months after contract award.

The Contractor shall perform an annual security control assessment and provide to the Contracting Officer verification that the IT-SC&A remains valid.

(Reference subparagraph D.c.4 of the Information and Physical Access Security clause in Article H.6 of Section H of this contract.)

## SECTION D: PACKAGING, MARKING AND SHIPPING

All deliverables required under this contract shall be packaged, marked and shipped in accordance with Government specifications. At a minimum, all deliverables shall be marked with the contract number and Contractor name. The Contractor shall guarantee that all required materials shall be delivered in immediate usable and acceptable condition.

## SECTION E: INSPECTION AND ACCEPTANCE

The following paragraph applies to Task Orders issued under this contract. Additional inspection and acceptance requirements may be specified by the OCO in each Task Order.

### **Article E.1 Clauses Incorporated By Reference, FAR 52.252-2 (February 1998)**

This contract incorporates the following clause(s) by reference, with the same force and effect as if it were given in full text. Upon request, the PCO will make their full text available. Also, the full text of the clauses may be accessed electronically at this address: <http://www.acquisition.gov/far/index.html>.

NUMBER	CLAUSE TITLE	DATE
52.246-1	Contractor Inspection Requirements	APR 1984
52.246-2	Inspection of Supplies - Fixed Price	AUG 1996
52.246-3	Inspection of Supplies – Cost Reimbursement	MAY 2001
52.246-4	Inspection of Services - Fixed Price	AUG 1996
52.246-5	Inspection of Services – Cost Reimbursement	APR 1984
52.246-6	Inspection of Time-Material and Labor Hour	MAY 2001
52.246-16	Responsibility for Supplies - Fixed Price	APR 1984

## SECTION F: DELIVERIES OR PERFORMANCE

### **Article F.1 GWAC Period of Performance**

The period of performance of this contract shall be (see awarded Standard Form 26).

### **Article F.2 Task Order Period of Performance**

The period of performance for each task order placed under the contract will be specified in the individual task order. Task order options, if included at initial issuance of the task order, may be exercised after the expiration date of the GWAC; however, no task order (including task order options) may extend more than 60 months beyond the expiration of the GWAC.

Notwithstanding anything to the contrary above, a multi-year task order placed under the GWAC must be consistent with FAR Subpart 17.1 and any applicable funding restrictions.

### **Article F.3 Clauses Incorporated by Reference, FAR 52.252-2 (FEBRUARY 1998)**

This contract incorporates the following clause(s) by reference, with the same force and effect as if it were given in full text. Upon request, the PCO will make its full text available. Also, the full text of a clause may be accessed electronically at this address: <http://www.acquisition.gov/comp/far/index.html>

NUMBER	CLAUSE TITLE	DATE
52.242-15	Stop Work Order (August 1989) with Alternate I	APR 1984
52.242-17	Government Delay of Work	APR 1984

52.247-35	F.o.b. Destination Within Consignees Premises	APR 1984
52.247-34	FOB Destination	NOV 1991

## SECTION G: CONTRACT ADMINISTRATION DATA

### Article G.1 General

This section provides guidance regarding contract administration requirements for this contract, and where applicable, guidance regarding Task Orders placed under the contract.

### Article G.2 Authorized Users

This contract is for use by all Federal government agencies. A listing of Federal government agencies can be found at [www.usa.gov](http://www.usa.gov) under <http://www.usa.gov/Agencies/federal.shtml>.

### Article G.3 Roles

Notwithstanding the contractor's responsibility for total management of this contract and Task Orders issued there under, the administration of this contract will require effective coordination between the government and the contractor. This Article describes the roles and responsibilities of individuals and/or authorized users who will be the primary points of contact for the government and contractor on matters regarding contract administration. The government may modify the roles and responsibilities at any time during the period of performance of the contract.

#### G.3.1 Government Personnel

##### a. Procuring Contracting Officer

The Procuring Contracting Officer (PCO) is the only individual with authority to act as an agent of the government under this contract. Only the PCO has authority to:

- (1) Direct or negotiate any changes in the statement of work;
- (2) Modify or extend the period of performance;
- (3) Change the delivery schedule;
- (4) Authorize reimbursement to the Contractor for any costs incurred during the performance of this contract; and,
- (5) Otherwise change any terms and conditions of this contract.

The PCO for this contract is:

Name: Ms. Natalie Melomed, Contracting Officer, NITAAC  
Address: 6011 Executive Boulevard, Suite 503, Rockville, Maryland 20892  
Email: [NITAACsupport@nih.gov](mailto:NITAACsupport@nih.gov)  
Phone: (888) 773-6542

##### b. NITAAC Contracting Officer's Representative (COR)

The following Contracting Officer's Representative (COR) will represent the government for the purpose of this contract:

Name: Mr. Robert F. Coen, Program Director, NITAAC  
Address: 6011 Executive Boulevard, Suite 503, Rockville, Maryland 20892  
Email: [NITAACsupport@nih.gov](mailto:NITAACsupport@nih.gov)  
Phone: (888) 773-6542

The COR is responsible for: monitoring the Contractor's technical progress, including the surveillance and assessment of performance and recommending to the PCO changes in requirements; interpreting the statement of work and any other technical performance requirements; performing technical evaluation as required; performing technical inspections and acceptances required by this contract;

and, assisting in the resolution of technical problems encountered during performance.

The Government may unilaterally change its COR designation.

**c. Agency Ordering Contracting Officer (OCO)**

The agency OCO for each task order is the sole and exclusive government official with authority to take actions which may bind the government under task orders under the contract.

**d. Information Systems Security Officer (ISSO)**

The Information Systems Security officer (ISSO) is responsible for the confidentiality, availability, and integrity of electronic information resources. The ISSO serves as the principal contact for coordination, implementation, and enforcement of Information Security (InfoSec) policies, and for implementing and maintaining federal InfoSec directives and policies. HHS Information Security Program Policy can be found at [http://ocio.nih.gov/security/sec\\_policy.html](http://ocio.nih.gov/security/sec_policy.html).

**G.3.2 Contractor Personnel - Key Personnel, HHSAR 352.242-70 (January 2006)**

The key personnel specified in this contract are considered to be essential to work performance. At least 30 days prior to diverting any of the specified individuals to other programs or contracts (or as soon as possible, if an individual must be replaced, for example, as a result of leaving the employ of the Contractor), the Contractor shall notify the PCO and shall submit comprehensive justification for the diversion or replacement request (including proposed substitutions for key personnel) to permit evaluation by the Government of the impact on performance under this contract. The Contractor shall not divert or otherwise replace any key personnel without the written consent of the PCO. The Government may modify the contract to add or delete key personnel at the request of the contractor or Government.

(End of clause)

The key personnel shall be an employee of the contractor. The Contractor Program Manager (PM) is considered key personnel and essential to the work being performed hereunder. Any request for a change in key personnel shall be submitted on official company letterhead, along with the resume inclusive of the full name, office phone number, and individually assigned company email address for the new individual proposed and directed to the NITAAC Customer Support Center: [NITAACsupport@mail.nih.gov](mailto:NITAACsupport@mail.nih.gov). Key personnel email address domain name shall align with the contractor legal business name.

The contractor's corporate management structure shall guarantee senior, high-level, program management of the CIO-SP3 Small Business GWAC Program. The contractor shall identify the individual selected to fill the role of contractor's PM for the GWAC. The Contractor PM duties include, but are not limited to:

- a. Representing the contractor as point-of-contact for the PCO to help resolve issues and perform other functions that may arise relating to the contract and task orders under the contract;
- b. Promoting the CIO-SP3 Small Business contract to the Federal government through participation in trade shows, conferences, and other meetings where federal government has a significant presence;
- c. Promoting contractor identity as NITAAC CIO-SP3 Small Business contract holder by using the NITAAC CIO-SP3 Small Business logo in advertising, placing these identifiers in printed and in on-line communications; displaying CIO-SP3 Small Business promotional placards; and, disseminating NITAAC CIO-SP3 Small Business marketing materials.

(Appropriate use of the NITAAC CIO-SP3 Small Business logo in advertisements directed to Federal Government contract use is acceptable, provided that the advertisement does not state or imply that the product or service is endorsed or preferred by the government);

- d. Educating and training contractor staff to ensure that they are able to effectively communicate with existing and potential customers regarding the technical scope, the value, and the benefits of the CIO-SP3 Small Business GWAC;
- e. Providing all reporting information required under the contract accurately and in a timely manner;
- f. Attending meetings and conferences, as required; and,
- g. Serving as the primary focal point within the contractor's organization on all matters pertaining to this contract.

The Contractor PM on this contract is listed on the NITAAC website at:

<http://nitaac.nih.gov/nitaac/contracts/cio-sp3-small-business/contract-holders>.

(End of Clause)

## **Article G.4 Customer/Contractor Training Materials**

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NIH will make available, via the NITAAC website, training materials that will assist customers and contractors in using the contract. NITAAC personnel will also be available to provide specific training to customers and contractors on the use of the CIO-SP3 Small Business contract vehicle either at the customer's or contractor's facility, or at a mutually agreeable site.

## **Article G.5 Contractor Internet Presence**

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Within 30 days after contract award, the contractor shall have developed a publicly available webpage, accessible via the Internet. The contractor shall provide the direct Uniform Resource Locator (URL) for the webpage to be displayed on the NITAAC website, and shall maintain this webpage until administrative close-out of the contract and any task orders issued under the contract, ensuring that the information displayed remains current. The contract holder shall ensure the accuracy of its information as displayed on the NITAAC website Contract Holder page, and promptly notify NITAAC Customer Support of any changes. The webpage URL domain name shall align with the contractor legal business name.

The purpose of the webpage is for the contractor to communicate with potential customers regarding the contractor's ability to provide world-class professional support services under the contract. At a minimum, this webpage must include the following items: the awarded Standard Form 26, latest contract (conformed), the loaded labor rates for each contract year of both Government and Contractor site, prompt payment terms, contact information for the contractor's PM (as listed on the NITAAC website), a hyperlink to the NITAAC CIO-SP3 Small Business website, and the NITAAC and NITAAC CIO-SP3 Small Business logos. This webpage must conform to the relevant accessibility standards referenced in Section 508 of the Rehabilitation Act (29 U.S.C. 794d), as amended by the Workforce Investment Act of 1998 (P.L. 105-220), August 7, 1998, Section 1194.22, Web-based Intranet and Internet Information and Applications. The contractor's website shall be available for use 24 hours per day, 7 days per week. The contractor is responsible for promptly notifying NITAAC Customer Support of any changes to the URL.

## **Article G.6 Electronic Communications**

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The contractor shall establish a CIO-SP3 electronic mailbox for receipt of communications from NITAAC. The electronic mailbox name must include "CIO-SP3". The domain name of the electronic mailbox shall align with the contractor legal business name.

## **Article G.7 Task Order Procedures**

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### **G.7.1 Electronic Government Ordering System**

- a. NITAAC has developed the secure Electronic Government Ordering System (e-GOS), a web-based task order processing system, to allow customers to perform fair opportunity in accordance with FAR 16.5 and to integrate workflow management, electronic document management, and aspects of customer relationship management to enhance process efficiency, and improve data/information integrity. The contractor and customers will be required to use the e-GOS in order to participate in the task order process by registering as an e-GOS user and agreeing to system usage rules of behavior.
- b. The contractor CIO-SP3 electronic mailbox address, a personal email address, or a general email address may not be used to register for an account in e-GOS. Individuals within the contractor's organization shall register individually in e-GOS using their individually assigned company email address for an e-GOS user account.
- c. The contractor shall identify an e-GOS representative as the contractor primary point of contact for providing training on e-GOS and resolution of related issues. This individual shall also be the primary interface point to NITAAC on e-GOS and shall attend mandatory e-GOS training as deemed necessary by the NITAAC.
- d. Responses to solicitations issued under the contract shall be submitted in e-GOS. In the event a Government

customer requests that the contractor submit their response through e-mail or in hardcopy format, the contractor may do so, however the contractor shall also submit their response through e-GOS prior to the response deadline. If the contractor decides not to submit a Task Order proposal in response to a solicitation, a “No Bid” response shall be submitted through e-GOS on or before the closing date and time established in the solicitation.

- e. The contractor is authorized to initiate work only after receipt of an award document through e-GOS.
- f. Future e-GOS enhancements may include the implementation of digital signatures, and once implemented, may entail a nominal cost to the contractor to purchase and maintain appropriate security certificates.

#### **G.7.2 Task Order Issuance**

##### **a. General**

Only the OCO may issue Task Orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract as specified Article C.1., Statement of Work. Unless specifically authorized by the OCO, the Contractor shall not commence work until a fully executed Task Order has been awarded and submitted through e-GOS. The Contractor may incur costs under this contract in performance of task orders and task order modifications issued in accordance with this Article.

No other costs are authorized unless otherwise specified in the contract or expressly authorized by the OCO.

##### **b. Requesting Task Order Proposals**

Utilizing the e-GOS, the OCO or a designated individual may solicit responses to requirements from Contractors within a technical area covered by the Scope of Work. Generally, the Task Order solicitation will include, but is not limited to the following:

1. Statement of Work
2. Reporting Requirements and Deliverables
3. Proposal Due Date and Location to Deliver Proposals
4. Period of Performance of Task Order
5. Anticipated type of Task Order
6. Technical Proposal Instructions
7. Business proposal Instructions
8. Evaluation Factors for Award

##### **c. Fair Opportunity**

1. In accordance with FAR 16.505(b)(1)(i), each awardee will be given a fair opportunity to be considered for each order issued over \$3,500 unless the following exception(s) apply:
  - a. The agency need for the supplies or services is so urgent that providing a fair opportunity would result in unacceptable delays.
  - b. Only one awardee is capable of providing the supplies or services required at the level of quality required because the supplies or services ordered are unique or highly specialized.
  - c. The order must be issued on a sole-source basis in the interest of economy and efficiency because it is a logical follow-on to an order already issued under the contract, provided that all awardees were given a fair opportunity to be considered for the original order.
  - d. It is necessary to place an order to satisfy a minimum guarantee.
  - e. For orders exceeding the simplified acquisition threshold, a statute expressly authorizes or requires that the purchase be made from a specified source.
  - f. In accordance with section 1331 of Public Law 111-240 (15 U.S.C. 644(r)), contracting officers may, at their discretion, set aside orders for any of the small business concerns identified in 19.000(a)(3). When setting aside orders for small business concerns, the specific small business program eligibility requirements identified in part 19 apply.
2. All awardees will be given a fair opportunity to be considered in accordance with the FAR as follows:
  - a. For orders exceeding \$3,500 up to the simplified acquisition threshold, in accordance with FAR

16.505(b)(1)(ii);

- b. For orders exceeding the simplified acquisition threshold up to \$5.5 Million, in accordance with 16.505(b)(1)(iii); and,
- c. For orders exceeding \$5.5 Million, in accordance with FAR 16.505(b)(1)(iv).

- 3. The NITAAC ordering system, e-GOS, will automatically provide to the OCO sufficient information about qualifying contractors in each grouping to assist the OCO in determining whether to solicit the requirement under the Small Business Group, within the Historically Underutilized Business Zone (HUBZone) Group, the Service-Disabled Veteran-Owned Small Business (SDVOSB) Group, or within the Section 8(a) Group. Please note that although all contractors within a particular Group must be offered an opportunity to participate under a particular task order, there is no requirement to obtain 3 quotes as long as all contract holders within a Grouping were provided an opportunity to provide a quote. The OCO will insert the applicable clauses found in Sections 1.7, 1.8, and 1.9 when setting aside a task order for the HUBZone, SDVOSB, or Section 8(a) Groups.

**d. Firm-Fixed Price Task Orders**

For Firm-Fixed Price (FFP) task order Request for Proposals (RFPs), the contractor will multiply the quantity of each item or labor category required against the rate listed in the pricing schedule (Tables 1 and 2 under Article B.7) or as negotiated for the task, and the cumulative extended total of all items ordered will define the FFP for the task. Travel and other-direct-cost (ODC), if applicable, may be estimated for each task order. Any amount negotiated for travel and ODCs, will be added to the extended price of all ordered items to arrive at the total FFP for the task order. The OCO must determine fair and reasonable pricing for all fixed-price task orders following FAR 15.4, Pricing.

**e. Cost-Reimbursement Task Orders**

A contractor interested in participating in Cost-Reimbursement (CR) type task orders as defined in FAR 16.301-1 will be required to demonstrate that they have an accounting system that is adequate for determining costs applicable to the contract by the time the task order is awarded. This is an accounting system that the Defense Contract Audit Agency (DCAA), the Defense Contract Management Agency (DCMA), or any federal civilian audit agency, or a third-part accounting firm has audited and determined adequate for determining costs applicable to this contract in accordance with FAR 16.301-3(a)(1).

The applicable task order can include use of the contractor's most recent Defense Contract Audit Agency (DCAA)-approved provisional indirect billing and actual rates for both direct and indirect costs, or if a contractor does not have DCAA-approved rates, their indirect rates in accordance with FAR Part 31. The fee will be negotiated for each task order consistent with statutory limitations. If the task order type is to be CPAF or CPIF, the fixed portion of fee and the award portion will be clearly differentiated. Such task orders will be subject to the additional clauses under FAR 16.307. The OCO must determine fair and reasonable pricing, analyze and negotiate fee for all cost-reimbursement task orders as required under FAR 15.4, Pricing, and FAR 16.3, Cost-Reimbursement Contracts. The government will reimburse the contractor for all reasonable, allowable, and allocable costs detailed in FAR 31, Contract Cost Principles and Procedures.

**f. Time-and-Materials Task Orders**

For Time-and-Materials (T&M) task order solicitations (including Labor Hour orders as defined by FAR 16.602), the contractor will multiply the quantity of hours required under each labor category against the rate listed in their price schedule (Attachment J.1) or as negotiated, such as when the contractor elects to propose lower rates for the task order or different rates to reflect specialized labor categories/labor categories with special clearances, etc. The cumulative extended total of all labor categories ordered plus travel and ODCs will define the task order- ceiling price. The government will reimburse the contractor as provided under FAR 52.232-7, Payments under T&M and Labor-Hour Contracts (Aug 2012).

- (1) "Loaded Hourly Labor Rate" equates to "hourly rates" as defined in FAR 52.232-7, Payments under Time-and-Materials and Labor-Hour Contracts (Aug 2012). The ceiling rates listed and any lower subsequent rates proposed in response to task order requests must be fully burdened labor rates inclusive of profit, fringe benefits, salary, and indirect costs. These hourly rates are considered fair and reasonable for most work requirements anticipated for T&M task orders issued under the GWAC for Continental United States (CONUS) locations (Note: CONUS is defined as the 48 contiguous states plus the District of Columbia).

- (2) Factors such as complexity of work, geographic locations and security clearances authorize OCOs to negotiate Loaded Hourly Labor Rates suited to meet their specific task order requirements. Contractors shall explain in their task order proposals any Loaded Hourly Labor Rates that exceed the rates in the GWAC or for new proposed labor categories (see Article H.1.1 Unique Professional Skills – Task Order Level), and the OCO will determine the reasonableness of the pricing as defined in FAR 15.4, Pricing and FAR 16.601 Time and Materials Contracts. Upon request of the OCO, the contractor will be required to provide supporting documentation for such rates, which may include a cost element breakdown of each Loaded Hourly Labor Rate (including profit) in accordance with the contractor's cost accounting system, as well as any other supporting information the OCO deems necessary.
- (3) The government will reimburse costs in connection with subcontracts in accordance with FAR 52.232-7, Payments under Time-and-Materials and Labor-Hour Contracts (Aug 2012) in accordance with the terms and conditions of a subcontract or invoice, and ordinarily within 30 days of the submission of the contractor's payment request to the government.
- (4) "Materials" on T&M task orders are defined under FAR 16.601, Time and Materials Contracts. For direct materials, the OCO will determine allowable costs in accordance with FAR 31.2. Materials will be reimbursed as provided under FAR 52.232-7, Payments under Time-and-Materials and Labor-Hour Contracts (Aug 2012). The OCO must identify a not-to-exceed materials ceiling under a separate Contract Line Item Number (CLIN) on the task order.

#### **g. Incentives**

The OCO must determine fair and reasonable pricing for all Incentive task orders and develop a plan to implement and monitor an Award-Fee result detailed in FAR Part 16.4, Incentive Contracts.

#### **G.7.3 Performance-Based Acquisitions Methods**

Pursuant to FAR 37.102(a)(2), the OCO must use performance-based acquisition methods to the maximum extent practicable using the following order of precedence:

- a. Firm-Fixed-Price Performance-Based Task Order
- b. Performance-Based Task Order that is not Firm-Fixed-Price

#### **G.7.4 Service Contract Act**

The preponderance of the GWAC's labor categories are considered bona fide executive, administrative, professional labor and are generally exempt from the Service Contract Act (SCA). To the extent that any labor is subject to the SCA and is within scope of a Task Order and the GWAC, the OCO must identify such work under a separate CLIN on the task order and apply wages as required under FAR 22.10, Service Contract Act Wage Determinations.

#### **G.7.5 Pricing Arrangements**

The OCO may use all types of Fixed-Price, Cost Reimbursement, Incentive, and Time-and-Materials (T&M) pricing arrangements, as provided in FAR Part 16.

#### **G.7.6 Price Reasonableness**

The OCO is responsible for the determination of cost or price reasonableness for each task order. When adequate price competition exists (see FAR 15.403-1(c)(1)), generally, no additional information is necessary to determine the reasonableness of cost or price. If adequate price competition does not exist and none of the exceptions under FAR 15.403-1(b) apply, the OCO must request a Certificate of Current Cost and Pricing Data in accordance with FAR 15.403-4.

#### **G.7.7 Provisions Applicable to Direct Costs**

- a. Travel will be reimbursed at actual cost and as limited in FAR 31.205.46. Contractors may apply indirect costs to travel if a part of the contractor's usual accounting practices and consistent with FAR 31.2. The OCO must identify a not-to-exceed travel ceiling under a separate contract line item number (CLIN) on the Task Order. Travel and Other Direct Costs (ODCs) will be estimated for each task order. Labor dollars will not be used to pay for ODCs nor ODC dollars used to pay for labor without a contract modification. Profit on travel and ODCs is not allowable under Time and Material task orders.

**(The following two paragraphs are applicable to cost-reimbursement task orders):**

- b. This article will prohibit or restrict the use of contract funds, unless otherwise approved by the OCO. The following is a list of items that may be included in the resultant contract as applicable:
1. Conferences & Meetings
  2. Food for Meals, Light Refreshments & Beverages
  3. Promotional Items
  4. Acquisition, by purchase or lease, of any interest in real property
  5. Special rearrangement or alteration of facilities
  6. Purchase or lease of any item of general purpose office furniture or office equipment regardless of dollar value
  7. Travel Costs including Foreign Travel
  8. Consultant Costs
  9. Subcontract Costs
  10. Patient Care Costs
  11. Accountable Government Property
  12. Printing costs
  13. Research Funding
- c. Specific elements of cost, which normally require prior written approval of the Contracting Officer before incurrence of the cost (e.g., foreign travel, consultant fees, subcontracts) will be included in this the Task Order if the OCO has granted his/her approval prior to contract award.

#### **Article G.8 NIH Contract Access Fee and Fee Remittance**

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- a. The NIH Contract Access Fee (NCAF) is a required NIH fee to reimburse the cost of operating and administering the CIO-SP3 Small Business contract. Effective January 5, 2016 the fee is fixed at .55% (i.e., 0.0055) for any new task orders released under the contract. This fee shall never to be treated as a negotiable element between the contractor and ordering agency. The NCAF is charged against all task orders and applied to the total award value for contractor performance. Total award value is all inclusive of labor, fees (including award fees and incentive pools), and ODCs (including travel).
- The formula is: Total NCAF = Total Award Value \* NCAF Percentage.
- The total NCAF collected per task order may be capped at a set amount to be determined by the NITAAC Program Office. For more information on this cap, please see the NITAAC website (<http://nitaac.nih.gov/nitaac/>).
- b. The contractor shall include the NCAF as a separate Contract Line Item Number (CLIN) in all contractor proposals to the government, regardless of pricing arrangements used.
- c. The contractor shall be responsible for reimbursing NCAF to NIH. It is ultimately the contractor responsibility to ensure that any task order award or modification issued contains the necessary NCAF, that the NCAF is properly calculated, and that NCAF is paid in full by the NCAF payment due date.
- d. Contractors shall invoice the government for full NCAF amount based on obligated amounts, either by funded award or funded modification, on the first invoice after receipt of the funded award or modification document. NCAF is not subject to downward adjustment.
- e. NCAF payments will be due to NIH/NITAAC on or before the 10th calendar day of each month for all payments received from the government in the previous month.
- f. The contractor shall utilize the Department of Treasury's secure government-wide collection portal Pay.gov at <https://www.pay.gov/paygov/>, for payment of the NCAF to NIH/NITAAC. Contractors shall contact their financial institution/bank to establish an account authorizing Automated Clearing House (ACH) Direct Debit payments to Pay.gov.
- g. Failure to remit the NCAF in a timely manner will constitute a Basic Contract debt to the United States Government under FAR 32.6.
- h. NIH reserves the unilateral right to adjust the NCAF should it experience a major change in the cost of operating its GWAC Program.

## **Article G.9 Government Property**

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Any equipment, property, or facilities furnished by the government or any contractor-acquired property must be specified in the applicable Task Order. Agency OCOs are responsible for ensuring that the applicable Task Orders are consistent with the policies and procedures of FAR Part 45 for providing government property to contractors, contractors' use and management of government property, and reporting, redistributing, and disposing of contractor inventory. Contractors are responsible and liable for government property in their possession pursuant to FAR 52.245-1 and 52.245-2, as applicable. In the event that the Government-Furnished Equipment (GFE) or Government-Furnished Information (GFI) are not provided to the contractor by the specified date, the contractor will immediately notify the OCO. Upon conclusion of the applicable Task Order, the contractor shall return the GFE or GFI to the government as specified in the task order or as directed in writing by the OCO.

If a task order RFP will result in the acquisition or use of Government Property provided by an HHS OCO or if the OCO authorizes in the preaward negotiation process, the acquisition of property (other than real property) for HHS customers, this ARTICLE will include applicable provisions and incorporate the HHS Publication, entitled, "HHS Contracting Guide for Contract of Government Property," which can be found at: [http://oamp.od.nih.gov/sites/default/files/appendix\\_q\\_hhs\\_contracting\\_guide.pdf](http://oamp.od.nih.gov/sites/default/files/appendix_q_hhs_contracting_guide.pdf).

### **G.9.1 On-Site Contractor Access to Government Property**

(Applicable to task orders that involve contractor staff working at a government site or installation and using government property)

The Contractor shall be held responsible for Government Property, regardless of dollar value, when:

- a. The contract requires contractor personnel to be located on a Government site or installation;
- b. The property utilized by contractor personnel is incidental to the place of performance; and,
- c. The property used by the contractor remains accountable to the Government

Responsibility includes physical presence, proper use and handling, normal maintenance, and reporting loss, damage or destruction.

Responsibility for government property shared by two or more contractors or located in space shared by two or more contractors, shall be determined and documented by the contractors involved. In cases where the parties cannot reach agreement on shared responsibility, the matter will be referred to the appropriate Property Officer for resolution.

## **Article G.10 Invoice Submission**

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Individual task orders will specify requirements for the preparation of vouchers and invoices.

### **Article G.11 Correspondence**

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All data and correspondence submitted to the CIO-SP3 PCO/NITAAC or the Customer's OCO shall reference:

- a. CIO-SP3 PCO/NITAAC:
  1. CIO-SP3 Small Business Contract Number
  2. Contractor Legal Business Name (also listed on the NITAAC website)
  3. NITAAC Order ID Number (e.g. C-55555-SB)
  4. Order Title
- b. Customer's OCO:
  1. CIO-SP3 Small Business Contract Number
  2. Contract Legal Business Name (also listed on the NITAAC website)
  3. NITAAC Order ID Number (e.g. C-55555-SB)
  4. Order Number (as listed on the order standard form)
  5. Order Title
  6. Point of Contact at the Government End User Agency

## **Article G.12 Meetings and Conferences**

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Contractors are required to participate in monthly Contract Holder Conference Calls designed for the exchange of information among contract holders and the NITAAC program. Participation in these conference calls will ensure that contractors are kept abreast of ongoing NITAAC Program and contractor community activities.

Contractors are encouraged to participate in community action groups to assist in the development of strategies around market outreach, communication, and other topics relevant to the CIO-SP3 Small Business GWAC Program.

NITAAC may conduct up to four Program Office meetings per year including an annual conference at a location to be determined by NITAAC. These meetings are intended to provide a platform for contractors, NITAAC staff and agency representatives to communicate current issues, resolve potential problems, discuss business and marketing opportunities, review future and ongoing NIH and government-wide initiatives, and address contract fundamentals. At a minimum, Contractor PMRs are required to attend these meetings.

## **Article G.13 Contractor Performance Assessment Reporting System (CPARS)**

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### **G.13.1 Contractor Performance Evaluations**

As detailed in FAR 42.1503, the Government will conduct past performance assessments on contractor performance. The PCO will conduct past performance assessments for this contract. The agency OCO is responsible for conducting past performance assessments at the task order level.

### **G.13.2 Electronic Access to Contractor Performance Evaluations**

Contractors may access evaluations through a secure Web site for review and comment at the following address: <http://www.cpars.gov>.

## **Article G.14 Providing Accelerated Payment to Small Business Subcontractors, 52.232-40 (December 2013)**

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- a. Upon receipt of accelerated payments from the Government, the Contractor shall make accelerated payments to its small business subcontractors under this contract, to the maximum extent practicable and prior to when such payment is otherwise required under the applicable contract or subcontract, after receipt of a proper invoice and all other required documentation from the small business subcontractor.
- b. The acceleration of payments under this clause does not provide any new rights under the prompt Payment Act.
- c. Include the substance of this clause, include this paragraph c, in all subcontracts with small business concerns, including subcontracts with small business concerns for the acquisition of commercial items.

(End of Clause)

## **SECTION H: SPECIAL CONTRACT REQUIREMENTS**

### **Article H.1 Labor Categories – Contract Level**

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The labor categories referenced in Article B.4, Prices/Costs and included as Attachment J.1, represent the Government's best estimate of the kinds of personnel required for successful performance of Task Orders that may be awarded under this contract. The Government recognizes that the inventory of data processing and/or information systems, technologies, methodologies and processes ranges from obsolescent to near state-of-the-art, and that the technology presently being introduced into the information technology marketplace is revolutionary rather than evolutionary. The ability of the contractor to respond to new technologies, methodologies, and processes is both necessary and appropriate.

#### **H.1.1 Unique Professional Skills – Task Order Level**

Certain unique labor categories, as well as consultants, that are not defined in the labor categories referenced in Article B.4, Prices/Costs and included in Attachment J.1, may be required under specific task orders. Unique professional skills are defined as those bona fide executive, professional, or administrative skills for which the expertise required or duties performed are within the contract's scope, but are so specialized or rare that they are not explicitly defined in any of the labor categories set forth in Attachment J.1. A contractor may propose a new or

different skill level category at the task order level providing detailed justification for the new/different skill level category. The agency OCO will determine whether circumstances warrant the use of unique professional skills.

## **Article H.2 Organizational Conflict of Interest**

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The guidelines and procedures of FAR 9.5 will be used in identifying and resolving any issues of organizational conflicts of interest at either the GWAC level or the task order level.

In the event that a task order requires activity that would create an actual or potential conflict of interest, the contractor shall:

- a. Immediately notify the OCO of the actual or potential conflict, submit a plan for mitigation and not commence work on any Task Order that involves a potential or actual conflict of interest until specifically notified by the OCO to proceed; or
- b. Identify the conflict and recommend to the OCO an alternate tasking approach which would avoid the conflict;

The OCO (or PCO as applicable at the GWAC level) will review the information provided by the contractor and make a determination whether to proceed with the Task Order, notwithstanding a conflict of interest, and as applicable, process a request for waiver pursuant to FAR 9.503.

## **Article H.3 Acknowledgement of Federal Funding**

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**(This article is applicable to task orders funded with NIH appropriations.)**

The Contractor shall clearly state, when issuing statements, press releases, requests for proposals, bid solicitations and other documents describing projects or programs funded in whole or in part with Federal money: (1) the percentage of the total costs of the program or project which will be financed with Federal money; (2) the dollar amount of Federal funds for the project or program; and (3) the percentage and dollar amount of the total costs of the project or program that will be financed by nongovernmental sources.

## **Article H.4 Needle Distribution**

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**(This article is applicable to Task Orders funded with NIH appropriations.)**

The Contractor shall not use contract funds to carry out any program of distributing sterile needles or syringes for the hypodermic injection of any illegal drug.

## **Article H.5 Certification of Filing and Payment of Taxes (Section 518)**

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**(This article is applicable to task orders funded with NIH appropriations.)**

The contractor must be in compliance with Section 518 of The Consolidated and Further Continuing Appropriations Act, 2015 Pub. L 113-235, Division E, Sections 744 and 745.

## **Article H.6 Information and Physical Access Security**

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*(The following Paragraph A of this article is not applicable to this contract, but is applicable to any HHS task order issued under this contract where it has been determined that: (a) contractor personnel may require access to HHS-controlled facilities and/or information systems, including sensitive data/information, in order to perform the contract/order SOW/PW, and/or ; (b) the Homeland Security Presidential Directive's (HSPD-12) more stringent access procedures are expected to apply, because access will be routine and of long-term duration, or is routine and of short-term duration, but greater access controls are deemed necessary.)*

### **A. HHS-Controlled Facilities and Information Systems Security**

- a. To perform the work specified herein, Contractor personnel are expected to have routine (1) physical access to an HHS-controlled facility; (2) physical access to an HHS-controlled information system; (3) access to sensitive HHS data or information, whether in an HHS-controlled information system or in hard copy; or (4) any combination of circumstances (1) through (3).

- b. To gain routine physical access to an HHS-controlled information system, and/or access to sensitive data or information, the Contractor and its employees shall comply with Homeland Security Presidential Directive (HSPD)-12, Policy for a Common Identification Standard for Federal Employees and Contractors; Office of Management and Budget Memorandum (M-05-24); and Federal Information Processing Standards Publication (FIPS PUB) Number 201; and with the personal identity verification and investigations procedures contained in the following documents:
1. HHS-OCIO Information Systems Security and Privacy Policy  
(<http://www.hhs.gov/ocio/policy/#Security>)
  2. HHS HSPD-12 Policy Document, v. 2.0  
(<http://www.whitehouse.gov/sites/default/files/omb/assets/omb/memoranda/fy2005/m05-24.pdf>)
  3. Information regarding background checks/badges  
(<http://idbadge.nih.gov/background/index.asp>)

c. Position Sensitivity Levels:

This contract will entail the following position sensitivity levels:

Level 6: Public Trust - High Risk. Contractor/subcontractor employees assigned to Level 6 positions shall undergo a Suitability Determination and Background Investigation (MBI).

Level 5: Public Trust - Moderate Risk. Contractor/subcontractor employees assigned to Level 5 positions with no previous investigation and approval shall undergo a Suitability Determination and a Minimum Background Investigation (MBI), or a Limited Background Investigation (LBI).

Level 1: Non-Sensitive. Contractor/subcontractor employees assigned to Level 1 positions shall undergo a Suitability Determination and National Check and Inquiry Investigation (NACI).

- d. The personnel investigation procedures for Contractor personnel require that the Contractor prepare and submit background check/investigation forms based on the type of investigation required. The minimum Government investigation for a non-sensitive position is a National Agency Check and Inquiries (NACI) with fingerprinting. More restricted positions - i.e., those above non-sensitive, require more extensive documentation and investigation.

The Contractor shall submit a roster, by name, position, e-mail address, phone number and responsibility, of all staff (including subcontractor staff) working under the contract who will develop, have the ability to access and/or maintain a Federal Information System(s). The roster shall be submitted to the Contracting Officer's Representative (COR), with a copy to the Contracting Officer, within 14 calendar days after the effective date of the contract. The Contracting Officer shall notify the Contractor of the appropriate level of suitability investigations to be performed. An electronic template, "Roster of Employees Requiring Suitability Investigations," is available for contractor use at [https://ocio.nih.gov/aboutus/publicinfosecurity/acquisition/Documents/SuitabilityRoster\\_10-15-12.xlsx](https://ocio.nih.gov/aboutus/publicinfosecurity/acquisition/Documents/SuitabilityRoster_10-15-12.xlsx)

Upon receipt of the Government's notification of applicable Suitability Investigations required, the Contractor shall complete and submit the required forms within 30 days of the notification.

The Contractor shall notify the Contracting Officer in advance when any new personnel, who are subject to a background check/investigation, will work under the contract and if they have previously been the subject of national agency checks or background investigations.

All contractor and subcontractor employees shall comply with the conditions established for their designated position sensitivity level prior to performing any work under this contract.

Contractors may begin work after the fingerprint check has been completed.

- e. Investigations are expensive and may delay performance, regardless of the outcome of the investigation. Delays associated with rejections and consequent re-investigations may not be excusable in accordance with the FAR clause, Excusable Delays - see FAR 52.249-14. Accordingly, the Contractor shall ensure that any additional employees whose names it submits for work under this contract have a reasonable chance for approval.
- f. Typically, the Government investigates personnel at no cost to the Contractor. However, multiple investigations for the same position may, at the Contracting Officer's discretion, justify reduction(s) in the contract price of no more than the cost of the additional investigation(s).
- g. The Contractor shall include language similar to this "HHS Controlled Facilities and Information Systems Security" language in all subcontracts that require subcontractor personnel to have the same frequency and duration of (1) physical access to an HHS-controlled facility; (2) logical access to an HHS-controlled information system; (3) access to sensitive HHS data/information, whether in an HHS-controlled information system or in hard copy; or (4) any combination of circumstances (1) through (3).
- h. The Contractor shall direct inquiries, including requests for forms and assistance, to the Contracting Officer or designee.
- i. Within 7 calendar days after the Government's final acceptance of the work under this contract, or upon termination of the contract, the Contractor shall return all identification badges to the Contracting Officer or designee.

*(The following Paragraph B of this article is not applicable to this contract, but is applicable to any HHS task order issued under this contract that involves the operation or acquisition of an information technology system (See definition of this term at <http://www.hhs.gov/ocio/policy/policy-hhs-ocio-2010-0006-html.html> under "Glossary.")*

**B. Standard for Security Configurations, HHSAR 352.239-70, (January 2010)**

- a. The Contractor shall configure its computers that contain HHS data with the applicable Federal Desktop Core Configuration (FDCC) (see <http://nvd.nist.gov/fdcc/index.cfm>) and ensure that its computers have and maintain the latest operating system patch level and anti-virus software level.  
Note: FDCC is applicable to all computing systems using Windows XPTM and Windows Vista™, including desktops and laptops - regardless of function - but not including servers.
- b. The Contractor shall apply approved security configurations to information technology (IT) that is used to process information on behalf of HHS. The following security configuration requirements apply:
- c. The Contractor shall ensure IT applications operated on behalf of HHS are fully functional and operate correctly on systems configured in accordance with the above configuration requirements. The Contractor shall use Security Content Automation Protocol (SCAP)-validated tools with FDCC Scanner capability to ensure its products operate correctly with FDCC configurations and do not alter FDCC settings – see <http://scap.nist.gov/validation>. The Contractor shall test applicable product versions with all relevant and current updates and patches installed. The Contractor shall ensure currently supported versions of information technology products met the latest FDCC major version and subsequent major versions.
- d. The Contractor shall ensure IT applications designed for end users run in the standard user context without requiring elevated administrative privileges.
- e. The Contractor shall ensure hardware and software installation, operation, maintenance, update, and patching will not alter the configuration settings or requirements specified above.
- f. The Contractor shall (1) include Federal Information Processing Standard (FIPS) 201-compliant (<http://csrc.nist.gov/publications/fips/fips201-1/FIPS-201-1-chng1.pdf>), Homeland Security Presidential Directive 12 (HSPD-12) card readers with the purchase of servers, desktops, and laptops; and (2) comply with FAR Subpart 4.13, Personal Identity Verification.
- g. The Contractor shall ensure that its subcontractors (at all tiers) which perform work under this contract comply with the requirements contained in this clause.

*(The following Paragraph C of this article is not applicable to this contract, but is applicable to any HHS task order*

*issued under this contract that involves the acquisition or lease of, or the requirement to use, desktop or laptop computers, mobile devices, or portable media to store or process HHS sensitive information that the COR categorizes as moderate or high under Federal Information Processing Standard (FIPS) 199, Standards for Security Categorization of Federal Information and Information Systems, dated February 2004.)*

**C. Standard for Encryption Language, HHSAR 352.239-71, (January 2010)**

- a. The Contractor shall use Federal Information processing Standard (FIPS) 140-2-compliant encryption (Security) Requirements for Cryptographic Module, as amended) to protect all instances of HHS sensitive information during storage and transmission. (Note: The Government has determined that HHS information under this contract is considered "sensitive" in accordance with FIPS 199, Standards for Security Categorization of Federal Information and Information Systems, dated February 2004).
- b. The Contractor shall verify that the selected encryption product has been validated under the Cryptographic Module Validation Program (see <http://csrc.nist.gov/groups/STM/cmvp/>) to confirm compliance with FIPS 140-2 (as amended). The Contractor shall provide a written copy of the validation documentation to the Contracting Officer and the Contracting Officer's Technical Representative.
- c. The Contractor shall use the Key Management Key (see FIPS 201, Chapter 4, as amended) on the HHS personal identification verification (PIV) card; or alternatively, the Contractor shall establish and use a key recovery mechanism to ensure the ability for authorized personnel to decrypt and recover all encrypted information (see <http://csrc.nist.gov/drivers/documents/ombencryption-guidance.pdf> ). The Contractor shall notify the Contracting Officer and the Contracting Officer's Technical Representative of personnel authorized to decrypt and recover all encrypted information.
- d. The Contractor shall securely generate and manage encryption keys to prevent unauthorized decryption of information in accordance with FIPS 140-2 (as amended).
- e. The Contractor shall ensure that this standard is incorporated into the Contractor's property management/control system or establish a separate procedure to account for all laptop computers, desktop computers, and other mobile devices and portable media that store or process sensitive HHS information.
- f. The Contractor shall ensure that its subcontractors (all tiers) which perform work under this contract comply with the requirements contained in this clause.

*(The following Paragraph D of this article is not applicable to this contract, but is applicable to any HHS task order issued under this contract that involves contractor access to Federal Information or Federal Information Systems.)*

**D. Security Requirements For Federal Information Technology Resources, HHSAR 352.239-72, (January 2010)**

- a. **Applicability.** This clause applies whether the entire contract or order (hereafter "contract"), or portion thereof, includes information technology resources or services in which the Contractor has physical or logical (electronic) access to, or operates a Department of Health and Human Services (HHS) system containing, information that directly supports HHS' mission. The term "information technology (IT)", as used in this clause, includes computers, ancillary equipment (including imaging peripherals, input, output, and storage devices necessary for security and surveillance), peripheral equipment designed to be controlled by the central processing unit of a computer, software, firmware and similar procedures, services (including support services) and related resources. This clause does not apply to national security systems as defined in FISMA.
- b. **Contractor responsibilities.** The Contractor is responsible for the following:
  1. Protecting Federal information and Federal information systems in order to ensure their -
    - a. Integrity, which means guarding against improper information modification or destruction, and includes ensuring information non-repudiation and authenticity;
    - b. Confidentiality, which means preserving authorized restrictions on access and disclosure, including means for protecting personal privacy and proprietary information; and

- c. Availability, which means ensuring timely and reliable access to and use of information.
  2. Providing security of any Contractor systems, and information contained therein, connected to an HHS network or operated by the Contractor, regardless of location, on behalf of HHS.
  3. Adopting, and implementing, at a minimum, the policies, procedures, controls and standards of the HHS Information Security Program to ensure the integrity, confidentiality, and availability of Federal information and Federal information systems for which the Contractor is responsible under this contract or to which it may otherwise have access under this contract. The HHS Information Security Program is outlined in the HHS Information Security Program Policy, which is available on the HHS Office of the Chief Information Officer's (OCIO) Web site.
- c. **Contractor security deliverables.** In accordance with the timeframes specified, the Contractor shall prepare and submit the following security documents to the Contracting Officer for review, comment, and acceptance:
  1. **IT Security Plan (IT-SP)** - due within 30 days after contract award. The IT-SP shall be consistent with, and further detail the approach to, IT security contained in the Contractor's bid or proposal that resulted in the award of this contract. The IT-SP shall describe the processes and procedures that the Contractor will follow to ensure appropriate security of IT resources that are developed, processed, or used under this contract. If the IT-SP only applies to a portion of the contract, the Contractor shall specify those parts of the contract to which the IT-SP applies.
    - a. The Contractor's IT-SP shall comply with applicable Federal laws that include, but are not limited to, the Federal Information Security Management Act (FISMA) of 2002 (Title III of the E-Government Act of 2002, Public Law 107-347), and the following Federal and HHS policies and procedures:
      - i. Office of Management and Budget (OMB) Circular A-130, Management of Federal Information Resources, Appendix III, Security of Federal Automation Information Resources.
      - ii. National Institutes of Standards and Technology (NIST) Special Publication (SP) 800-18, Guide for Developing Security Plans for Information Systems, in form and content, and with any pertinent contract Statement of Work/Performance Work Statement (SOW/PWS) requirements. The IT-SP shall identify and document appropriate IT security controls consistent with the sensitivity of the information and the requirements of Federal Information Processing Standard (FIPS) 200, Recommend Security Controls for Federal Information Systems. The Contractor shall review and update the IT-SP in accordance with NIST SP 800-26, Security Self-Assessment Guide for Information Technology Systems and FIPS 200, on an annual basis.
      - iii. HHS-OCIO Information Systems Security and Privacy Policy.
  2. **IT Risk Assessment (IT-RA)** - due within 30 days after contract award. The IT-RA shall be consistent, in form and content, with NIST SP 800-30, Risk Management Guide for Information Technology Systems, and any additions or augmentations described in the HHS-OCIO Information Systems Security and Privacy Policy. After resolution of any comments provided by the Government on the draft IT-RA, the Contracting Officer shall accept the IT-RA and incorporate the Contractor's final version into the contract for Contractor implementation and maintenance. The Contractor shall update the IT-RA on an annual basis.
  3. **FIPS 199 Standards for Security Categorization of Federal Information and Information Systems Assessment (FIPS 199 Assessment)** - due within 30 days after contract award. The FIPS 199 Assessment shall be consistent with the cited NIST standard. After resolution of any comments by the Government on the draft FIPS 199

Assessment, the Contracting Officer shall accept the FIPS 199 Assessment and incorporate the Contractor's final version into the contract.

4. **IT Security Certification and Accreditation (IT-SC&A)** - due within 3 months after contract award. The Contractor shall submit written proof to the Contracting Officer that an IT-SC&A was performed for applicable information systems - see paragraph (a) of this clause. The Contractor shall perform the IT-SC&A in accordance with the HHS Chief Information Security Officer's Certification and Accreditation Checklist; NIST SP 800-37, Guide for the Security, Certification and Accreditation of Federal Information Systems; and NIST 800-53, Recommended Security Controls for Federal Information Systems. An authorized senior management official shall sign the draft IT-SC&A and provided it to the Contracting Officer for review, comment, and acceptance.
  - a. After resolution of any comments provided by the Government on the draft IT SC&A, the Contracting Officer shall accept the IT-SC&A and incorporate the Contractor's final version into the contract as a compliance requirement.
  - b. The Contractor shall also perform an annual security control assessment and provide to the Contracting Officer verification that the IT-SC&A remains valid. Evidence of a valid system accreditation includes written results of:
    - i. Annual testing of the system contingency plan; and
    - ii. The performance of security control testing and evaluation.
- d. **Personal identity verification.** The Contractor shall identify its employees with access to systems operated by the Contractor for HHS or connected to HHS systems and networks. The Contracting Officer's Representative (COR) shall identify, for those identified employees, position sensitivity levels that are commensurate with the responsibilities and risks associated with their assigned positions. The Contractor shall comply with the HSPD-12 requirements contained in "HHS-Controlled Facilities and Information Systems Security" requirements specified in the SOW/PWS of this contract.
- e. **Contractor and subcontractor employee training.** The Contractor shall ensure that its employees, and those of its subcontractors, performing under this contract complete HHS-furnished initial and refresher security and privacy education and awareness training before being granted access to systems operated by the Contractor on behalf of HHS or access to HHS systems and networks. The Contractor shall provide documentation to the COR evidencing that Contractor employees have completed the required training.
- f. **Government access for IT inspection.** The Contractor shall afford the Government access to the Contractor's and subcontractors' facilities, installations, operations, documentation, databases, and personnel used in performance of this contract to the extent required to carry out a program of IT inspection (to include vulnerability testing), investigation, and audit to safeguard against threats and hazards to the integrity, confidentiality, and availability, of HHS data or to the protection of information systems operated on behalf of HHS.
- g. **Subcontracts.** The Contractor shall incorporate the substance of this clause in all subcontracts that require protection of Federal information and Federal information systems as described in paragraph (a) of this clause, including those subcontracts that –
  - a. Have physical or electronic access to HHS' computer systems, networks, or IT infrastructure; or
  - b. Use information systems to generate, store, process, or exchange data with HHS or on behalf of HHS, regardless of whether the data resides on a HHS or the Contractor's information system.
- h. **Contractor employment notice.** The Contractor shall immediately notify the Contracting Officer when an employee either begins or terminates employment (or is no longer assigned to the HHS project under this contract), if that employee has, or had, access to HHS information systems or data.
- i. **Document information.** The Contractor shall contact the Contracting Officer for any documents, information, or forms necessary to comply with the requirements of this clause.

- j. **Contractor responsibilities upon physical completion of the contract.** The Contractor shall return all HHS information and IT resources provided to the Contractor during contract performance and certify that all HHS information has been purged from Contractor-owned systems used in contract performance.
- k. **Failure to comply.** Failure on the part of the Contractor or its subcontractors to comply with the terms of this clause shall be grounds for the Contracting Officer to terminate this contract.

(End of Clause)

Note: The NIST Special Publication SP-800-26 cited in subparagraph c.1.a.(ii) of this clause has been superseded by NIST SP 800-53A, "Guide for Assessing the Security Controls in Federal Information Systems and Organizations" for use for the assessment of security control effectiveness. See <http://csrc.nist.gov/publications/PubsSPs.html> to access NIST Special Publications (800 Series).

*(The following Paragraph E is not applicable to this contract; however, it may be applicable to any HHS task order issued under this contract that includes the Clause at HHSAR 352.239-72, Security Requirements for Federal Information Technology Resources.)*

#### **E. Additional NIH Requirements**

(Include subparagraph 1 below if the task order requires the contractor to: 1) develop; 2) have the ability to access; or 3) host and/or maintain a Federal Information System).

##### **1. SECURITY CATEGORIZATION OF FEDERAL INFORMATION AND INFORMATION SYSTEMS (FIPS 199 Assessment)**

a. Information Type:

Administrative, Management and Support Information:

Mission Based Information:

b. Security Categories and Levels:

Confidentiality Level:     Low         Moderate         High

Integrity Level:         Low         Moderate         High

Availability Level:      Low         Moderate         High

Overall Level:            Low         Moderate         High

c. In accordance with HHSAR Clause 352.239-72, the contractor shall submit a FIPS 199 Assessment within 30 days after contract award. Any differences between the contractor's assessment and the information contained herein will be resolved, and if required, the contract will be modified to incorporate the final FIPS 199 Assessment.

(Include subparagraph 2 below if the task order issued under this contract includes the Clause at HHSAR 352.239-72, Security Requirements for Federal Information Technology Resources.)

##### **2. INFORMATION SECURITY TRAINING**

In addition to any training covered under paragraph (e) of HHSAR 352.239-72, the contractor shall comply with the below training:

a. Mandatory Training

- 1. All Contractor employees having access to (1) Federal information or a Federal information system or (2) sensitive data/information as defined at HHSAR 304.1300(a)(4), shall complete the NIH Computer Security Awareness Training course at <http://irtsectraining.nih.gov/> before performing any work under this contract. Thereafter, Contractor employees having access to the information identified above shall complete an annual NIH-specified refresher course during the life of this contract. The Contractor shall also ensure subcontractor compliance with this training requirement.
- 2. The Contractor shall maintain a listing by name and title of each

Contractor/Subcontractor employee working on this contract and having access of the kind in paragraph 1.a(1) above, who has completed the NIH required training. Any additional security training completed by the Contractor/Subcontractor staff shall be included on this listing. The list shall be provided to the COR and/or Contracting Officer upon request.

b. Role-based Training

HHS requires role-based training when responsibilities associated with a given role or position, could, upon execution, have the potential to adversely impact the security posture of one or more HHS systems. Read further guidance about "NIH Information Security Awareness and Training Policy," at: <https://ocio.nih.gov/InfoSecurity/Policy/Documents/Final-InfoSecAwarenessTrainPol.doc>

The Contractor shall maintain a list of all information security training completed by each contractor/subcontractor employee working under this contract. The list shall be provided to the COR and/or Contracting Officer upon request.

c. Rules of Behavior

The Contractor shall ensure that all employees, including subcontractor employees, comply with the NIH Information Technology General Rules of Behavior <https://ocio.nih.gov/InfoSecurity/training/Pages/nihitrob.aspx>, which are contained in the NIH Information Security Awareness Training Course <http://irtsectraining.nih.gov>.

(Include subparagraph 3 below if the task order includes the Clause at HHSAR 352.239-72, Security Requirements for Federal Information Technology Resources.)

### 3. PERSONNEL SECURITY RESPONSIBILITIES

In addition to any personnel security responsibilities covered under HHSAR 352.239-72, the contractor shall comply with the below personnel security responsibilities:

1. In accordance with Paragraph (h) of HHSAR 352.239-72, the Contractor shall notify the Contracting officer and the COR **within five working days** before a new employee assumes a position that requires access to HHS information systems or data, or when an employee with such access stops working on this contract. The Government will initiate a background investigation on new employees assuming a position that requires access to HHS information systems or data, and will stop pending background investigations for employees that no longer work under the contract or no longer have such access.
2. **New contractor employees who have or will have access to HHS information systems or data:** The Contractor shall provide the COR with the name, position title, e-mail address, and phone number of all new contract employees working under the contract and provide the name, position title and position sensitivity level held by the former incumbent. If an employee is filling a new position, the Contractor shall provide a position description and the Government will determine the appropriate position sensitivity level.
3. **Departing contractor employees:** The Contractor shall provide the COR with the name, position title, and position sensitivity level held by or pending for departing employees. The Contractor shall perform and document the actions identified in the Contractor Employee Separation Checklist (<https://ocio.nih.gov/aboutus/publicinfosecurity/acquisition/Documents/Emp-sepchecklist.pdf>) when a Contractor/subcontractor employee terminates work under this contract. All documentation shall be made available to the COR upon request.
4. **Commitment to Protect Non-Public Departmental Information and Data**  
The Contractor, and any subcontractors performing under this contract, shall not release, publish, or disclose non-public Departmental information to unauthorized personnel, and shall protect such information in accordance with provisions of the following laws and any other pertinent laws and regulations governing the confidentiality of such information:

- 18 U.S.C. 641 (Criminal Code: Public Money, Property or Records)
- 18 U.S.C. 1905 (Criminal Code: Disclosure of Confidential Information)
- Public Law 96-511 (Paperwork Reduction Act)

Each employee, including subcontractors, having access to non-public Department information under this acquisition shall complete the "Commitment to Protect Non-Public Information - Contractor Employee Agreement" located at <https://ocio.nih.gov/aboutus/publicinfosecurity/acquisition/Documents/Nondisclosure.pdf> A copy of each signed and witnessed Non-Disclosure agreement shall be submitted to the Project Officer/COR prior to performing any work under this acquisition.

(Include subparagraph 4 below in HHS task orders when contractor/subcontractor personnel will have access to, or use of personally identifiable information (PII), including instances of remote access to or physical removal of such information beyond agency premises or control.)

#### **4. Loss and/or Disclosure of Personally Identifiable Information (PII) - Notification of Data Breach**

The Contractor shall report all suspected or confirmed incidents involving the loss and/or disclosure of PII in electronic or physical form. Notification shall be made to the NIH Incident Response Team (IRT) via email ( [IRT@mail.nih.gov](mailto:IRT@mail.nih.gov) ) within one hour of discovering the incident. The Contractor shall follow up with IRT by completing and submitting one of the applicable two forms below within three (3) work days of incident discovery:

NIH PII Spillage Report at: [https://ocio.nih.gov/InfoSecurity/Policy/Documents/NIH\\_PII\\_Spillae\\_Proced.doc](https://ocio.nih.gov/InfoSecurity/Policy/Documents/NIH_PII_Spillae_Proced.doc)

NIH Lost or Stolen Assets Report at:  
[https://ocio.nih.gov/InfoSecurity/Policy/Documents/ISSO\\_Stolen\\_Device-Media\\_Handling\\_Procedures.doc](https://ocio.nih.gov/InfoSecurity/Policy/Documents/ISSO_Stolen_Device-Media_Handling_Procedures.doc)

(Include subparagraph 5 below in task orders when the contractor/subcontractor will host NIH web pages or databases.)

#### **5. VULNERABILITY SCANNING REQUIREMENTS**

This acquisition requires the Contractor to host an NIH webpage or database. The Contractor shall conduct periodic and special vulnerability scans, and install software/hardware patches and upgrades to protect automated federal information assets. The minimum requirement shall be to protect against vulnerabilities identified on the SANS Top-20 Internet Security Attack Targets list ( <http://www.sans.org/top20/?ref=3706#w1> ). The Contractor shall report the results of these scans to the Project Officer/COR on a monthly basis, with reports due 10 calendar days following the end of each reporting period. The Contractor shall ensure that all of its subcontractors (at all tiers), where applicable, comply with the above requirements.

### **Article H.7 Electronic and Information Technology Accessibility**

*(This article is not applicable to this contract, however it is applicable to any HHS Task Order issued under the contract that involves the development, acquisition, maintenance, or use electronic and information technology (EIT) products and services subject to Section 508 of the Rehabilitations Act of 1973 as amended, including EIT deliverables such as electronic documents and reports. Non HHS ordering activities will add their specific Electronic and Information Technology Accessibility provisions to individual task orders as applicable.)*

#### **HHSAR 352.239-73(b) (January 2010)**

- a. Pursuant to Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d), as amended by the Workforce Investment Act of 1998, all electronic and information technology (EIT) products and services developed, acquired, maintained, or used under HHS task orders issued against the contract must comply with the "Electronic and Information Technology Accessibility Provisions" set forth by the Architectural and Transportation Barriers Compliance Board (also referred to as the "Access Board") in 36 CFR part 1194. Information about Section 508 provisions is available at <http://www.section508.gov/>. The complete text of Section 508 Final provisions can be accessed at <http://www.accessboard.gov/guidelines-and-standards>.
- b. The Section 508 standards applicable to this contract/order will be identified in the applicable task order

Statement of Work/Specification/Performance Work Statement. Under such task orders, the contractor must provide a written Section 508 conformance certification due at the end of each contract/order exceeding \$100,000 when the contract/order duration is one year or less. If it is determined by the Government that EIT products and services provided by the Contractor do not conform to the described accessibility standards in the Product Assessment Template, remediation of the products or services to the level of conformance specified in the Contractor's Product Assessment Template will be the responsibility of the Contractor at its own expense.

- c. In the event of a modification(s) to an applicable task order which adds new EIT products or services or revises the type of, or specifications for, products or services the Contractor is to provide, including EIT deliverables such as electronic documents and reports, the OCO may require that the contractor submit a completed HHS Section 508 Product Assessment Template to assist the Government in determining that the EIT products or services support Section 508 accessibility standards. Instructions for documenting accessibility via the HHS Section 508 Product Assessment Template may be found on the HHS Web site (<http://www.hhs.gov/web/508/contracting/technology/vendors.html>). (End of HHSAR 352.239-73(b).

(c) As prescribed in 339.201–70(c), the Contracting Officer shall add the following paragraph to the end of clause 352.239-73(b):

Prior to the Contracting Officer exercising an option for a subsequent performance period/additional quantity or adding funding for a subsequent performance period under this contract, as applicable, the Contractor must provide a Section 508 Annual Report to the Contracting Officer and Project Officer. Unless otherwise directed by the Contracting Officer in writing, the Contractor shall provide the cited report in accordance with the following schedule. Instructions for completing the report are available in the Section 508 policy on the HHS Office on Disability website under the heading Vendor Information and Documents. The Contractor's failure to submit a timely and properly completed report may jeopardize the Contracting Officer's exercising an option or adding funding, as applicable.

Schedule for Contractor Submission of Section 508 Annual Report

(to be completed by the Contracting Officer at time of contract/order award)

[End of HHSAR 352.239-73(c)]

### **Article H.8 Task Order/Delivery Order Contract Ombudsman**

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In accordance with FAR 16.505(b)(5), the following individual has been designated as the NIH Ombudsman for task order and delivery order contracts.

Dr. Richard G. Wyatt  
NIH Competition Advocate for Non R&D Contracts 1  
Center Drive, 160, MSC 0151  
Bethesda, MD 20892-0151  
Phone: (301) 496-4920  
FAX: (301) 402-4273  
email: WyattRG@mail.nih.gov

### **Article H.9 Reporting Matters Involving Fraud, Waste and Abuse**

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Anyone who becomes aware of the existence or apparent existence of fraud, waste and abuse in NIH funded programs is encouraged to report such matters to the HHS Inspector General's Office in writing or on the Inspector General's Hotline. The toll free number is 1-800-HHS-TIPS (1-800-447-8477). All telephone calls will be handled confidentially. The website to file a complaint on-line is: <http://oig.hhs.gov/fraud/hotline/> and the mailing address is:

US Department of Health and Human Services  
Office of Inspector General  
ATTN: OIG HOTLINE OPERATIONS  
P.O. Box 23489  
Washington, D.C. 20026

### **Article H.10 Hardware/Software Acquisition**

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To help ensure the ability to provide hardware/software without limitation, but not become a shopping center, CIO-SP3 Small Business is considered to be a "solutions based contract". This term refers to contracts that encompass everything from the analysis of hardware/software implementation to ongoing operational support of an IT solution.

Inclusion of hardware/software acquisition on a task order is within the purview of the cognizant OCO. Any hardware/software included must be considered to be critical and related to the services being acquired under the task order.

The PCO reserves the right to review individual task orders to determine if the provisions of this clause are being applied appropriately.

### **Article H.11 Security Considerations**

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The work to be performed under specific task orders may require security clearances. In that event, the contractor will be advised of the requirements in the task order statement of work. The contractor shall follow the security requirements identified in the task order statement of work and other guidance that may be established by the OCO. Only those contractors that meet the required security clearance levels on individual task orders are eligible to compete for such task orders.

Clearances may require Special Background Investigations, Sensitive Compartmented Information access or Special Access Programs, or agency-specific access. In such cases, the contractor is responsible for providing personnel with appropriate security clearances to ensure compliance with government security regulations, as specified on the individual task order. The contractor shall fully cooperate on all security checks and investigations by furnishing requested information to verify the contractor employee's trustworthiness and suitability for the position. Task orders containing classified work will include a Contract Security Classification Specification, (DD Form 254 or agency equivalent). The DD Form 254 is available at the following site: [DD Form 254](#)

### **Article H.12 Cost Accounting System**

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In accordance with FAR 16.301-3(a)(1), contractors awarded cost-reimbursement task orders will be required to have and maintain an adequate cost accounting system determined adequate by their cognizant auditing agency. The contractor shall notify the appropriate OCO for ongoing task orders, in writing, if there are any changes in the status of their cost accounting system and provide the reason(s) for the change.

### **Article H.13 Purchasing System**

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In accordance with FAR 44.201-2, Advance Notification Requirements, contractors with approved purchasing systems shall notify the appropriate OCO on individual task orders, in writing, if there are any changes in the status of their approved purchasing systems and provide the reason(s) for the change.

### **Article H.14 Ramp-on Procedure**

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The PCO will periodically review the total number of contractors to ensure adequate competition for task orders throughout the period of performance. Over time, the total number of contractors may fluctuate due to various reasons including industry consolidation, significant changes in the marketplace or advances in technology, general economic conditions, or other reasons.

If the PCO determines that it is in the best interest of the government to open the GWAC to new contractors, the PCO has the discretion to announce an open season at any time during the effective period of the GWAC but no earlier than three years from date of award.

The PCO will announce this open season by publishing a notice in Federal Business Opportunities. The open season will be subject to applicable federal procurement laws and guidance at the time the open season is announced. The Open Season announcement will provide an estimate of the number of new awards that the PCO intends to make. Under the Open Season, the PCO will issue a solicitation. Any offeror meeting the eligibility requirements identified in the new "ramp on" solicitation may submit a proposal in response to the solicitation. However, the PCO has the discretion to award more or fewer contracts than the number anticipated in the solicitation depending upon the quality of the offers received.

Any resulting contracts awarded under this provision will not exceed the remaining period of performance of the existing CIO-SP3 GWACs. Any contractor receiving a contract under this open season will be eligible to compete on future task orders with the same rights and obligations of any other CIO-SP3 Small Business contractor. Contracts awarded under this open season provision will share in the ceiling of the CIO-SP3 Small Business program and the overall ceiling of the basic contract will not be increased.

This provision will apply to the HUBZone Group, the SDVOSB Group, and to the Section 8(a) Group in the same manner as to the Small Business Grouping, e.g., if during a "Ramp on" period HUBZone, SDVOSBs, and Section 8(a) contractors can qualify for task areas not currently covered within their respective Group, the government reserves the right to add those task areas to the HUBZone Group, the SDVOSB Group, or the Section 8(a) Group as applicable at that time.

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### **Article H.15 Ramp-off Procedure**

If at any point during the 10-year period of performance the contractor decides that it no longer wishes to participate in the contract, then the contractor may submit the request to the PCO requesting termination of their contract. If the PCO accepts the contractor's request, the PCO will "ramp off" the contractor using the provision under FAR 52.249-2, Termination for the Convenience of the Government. This provision is independent of any other action permitted under the contract terms and conditions. If a "ramped off" contractor is currently under contract to perform under any task order, the contractor will be required to continue to perform under the terms of the specific task order.

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### **Article H.16 Privacy Act – HHSAR 352.224-70 (January 2006) (modified)**

#### **(This article is applicable to HHS Task Orders that involve Privacy Act Requirements)**

This article is applicable for task orders in which the contractor will be required to perform one or more of the following: (a) Design; (b) develop; or (c) operate a Federal agency system of records to accomplish an agency function in accordance with the Privacy Act of 1974 (Act) (5 U.S.C. 552a(m)(1)) and applicable agency regulations. The term "system of records" means a group of any records under the control of any agency from which information is retrieved by the name of the individual or by some identifying number, symbol, or other identifying particular assigned to the individual. Violations of the Act by the Contractor and/or its employees may result in the imposition of criminal penalties (5 U.S.C. 552a(i)). The Contractor shall ensure that each of its employees knows the prescribed rules of conduct and that each employee is aware that he/she is subject to criminal penalties for violation of the Act to the same extent as Department of Health and Human Services employees. These provisions also apply to all subcontracts the Contractor awards under this contract which require the design, development or operation of the designated system(s) of records [5 U.S.C. 552a(m)(1)]. The contract work statement: (a) identifies the system(s) of records and the design, development, or operation work the Contractor is to perform; and (b) specifies the disposition to be made of such records upon completion of contract performance.

(End of clause)

45 CFR Part 5b contains additional information which includes the rules of conduct and other Privacy Act requirements and can be found at: [http://www.access.gpo.gov/nara/cfr/waisidx\\_06/45cfr5b\\_06.html](http://www.access.gpo.gov/nara/cfr/waisidx_06/45cfr5b_06.html).

The OCO will include the following additional clause in applicable task orders:

The Privacy Act System of Records applicable to this project is Number [Fill in]. This document is incorporated into this task order as an attachment. This document is also available at: <http://oma.od.nih.gov/public/MS/privacy/PAfiles/read02systems.htm>

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### **Article H.17 Replacement of Team Members under a FAR 9.601(1) Contractor Team Arrangement (CTA)**

Contractors that are awarded a contract based on a FAR 9.601(1) Contractor Team Arrangement (CTA) are required to obtain PCO approval prior to replacing or deleting team members.

The contractor request for replacement of team members shall be submitted on official company letterhead to the NITAAC Customer Support Center at [NITAACsupport@nih.gov](mailto:NITAACsupport@nih.gov). The request shall include:

1. The contractor CIO-SP3 Small Business contract number.
2. The existing team member name, DUNS, and its qualified Task Areas under the GWAC.
3. The proposing replacement team member including name and DUNS.
4. A copy of the new CTA agreement.
5. A capability statement for the proposing member demonstrating qualifications that meet or exceed the existing member qualifications under the GWAC.
6. The NIH Representations, Certifications, and Other Statements of Offers for the proposed new CTA member
7. The FAR 52.219-1 Small Business Program Representations certification for each proposed new CTA member.
8. A copy of the proposed new CTA member's most recent annual report, or if organized as a nonpublic corporation, the organization's most recent asset and liability report.
9. A copy of the proposed new CTA member's written travel policy that will govern any potential contract. If a proposed CTA member does not have a written travel policy, the offeror shall so state.

All proposed new CTA members are subject to a responsibility evaluation in accordance with FAR Subpart 9.1. The contract holder shall indicate if its proposed new CTA member has the necessary financial capacity, working capital, and other resources to perform the contract without assistance from any outside source. If not, indicate the amount required and the anticipated source.

If the PCO determines that a FAR 9.601(1) CTA is proposing unacceptable replacements of existing team members that could adversely affect the ability of the CTA to continue to perform under the contract, the CTA may be subject to termination under the provisions of FAR 52.249-6 or FAR 52.249-8, as applicable.

#### **Article H.18 Gun Control (Section 218)**

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**(Applicable to task orders funded by the NIH appropriated funds.)**

None of the funds made available in this title may be used, in whole or in part, to advocate or promote gun control.

#### **Article H.19 Restriction on Pornography on Computer Networks**

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The Contractor shall not use contract funds to maintain or establish a computer network unless such network blocks the viewing, downloading, and exchanging of pornography.

#### **Article H.20 Restriction on Abortion**

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The Contractor shall not use contract funds for any abortion.

## PART II – CONTRACT CLAUSES

### SECTION I: CONTRACT CLAUSES

#### Article I.1 General Clauses for a Negotiated Fixed-Price Service Contract

*This contract incorporates the following clauses by reference, with the same force and effect as if they were given in full text. Upon request, the PCO will make their full text available. Also, the full text of a clause may be accessed electronically as follows: FAR Clauses at: <https://www.acquisition.gov/far/>. HHSAR Clauses at: <http://www.hhs.gov/policies/hhsar/subpart352.html>.*

#### a. FEDERAL ACQUISITION REGULATION (FAR) (48 CFR CHAPTER 1) CLAUSES:

<b>FAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
52.202-1	Nov 2013	Definitions (Over the Simplified Acquisition Threshold)
52.203-3	Apr 1984	Gratuities (Over the Simplified Acquisition Threshold)
52.203-5	May 2014	Covenant Against Contingent Fees (Over the Simplified Acquisition Threshold)
52.203-6	Sep 2006	Restrictions on Subcontractor Sales to the Government (Over the Simplified Acquisition Threshold)
52.203-7	May 2014	Anti-Kickback Procedures (Over the Simplified Acquisition Threshold)
52.203-8	May 2014	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity (Over the Simplified Acquisition Threshold)
52.203-10	May 2014	Price or Fee Adjustment for Illegal or Improper Activity (Over the Simplified Acquisition Threshold)
52.203-12	Oct 2010	Limitation on Payments to Influence Certain Federal Transactions (Over \$150,000)
52.203-17	Apr 2014	Contractor Employee Whistleblower Rights and Requirements to Inform Employees of Whistleblower Rights (Over the Simplified Acquisition Threshold)
52.203-99	Feb 2015	Prohibition on Contracting with Entities That Require Certain Internal Confidentiality Agreements (DEVIATION)
52.204-4	May 2011	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper(Over the Simplified Acquisition Threshold)
52.204-10	Oct 2015	Reporting Executive Compensation and First-Tier Subcontract Awards (\$30,000 or more)
52.204-13	Jul 2013	System for Award Management Maintenance
52.209-6	Oct 2015	Protecting the Government's Interests When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment (Over \$35,000)
52.215-2	Oct 2010	Audit and Records - Negotiation [Note: Applies to ALL contracts funded in whole or in part with Recovery Act funds, regardless of dollar value, AND contracts over the Simplified Acquisition Threshold funded exclusively with non-Recovery Act funds.]
52.215-8	Oct 1997	Order of Precedence - Uniform Contract Format

<b>FAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
52.215-10	Aug 2011	Price Reduction for Defective Certified Cost or Pricing Data (Over \$750,000)
52.215-12	Oct 2010	Subcontractor Cost or Pricing Data (Over \$750,000)
52.215-15	Oct 2010	Pension Adjustments and Asset Reversions (Over \$750,000)
52.215-18	Jul 2005	Reversion or Adjustment of Plans for Post-Retirement Benefits (PRB) other than Pensions
52.215-19	Oct 1997	Notification of Ownership Changes
52.215-21	Oct 2010	Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data – Modifications
52.219-8	Oct 2014	Utilization of Small Business Concerns (Over the Simplified Acquisition Threshold)
52.222-3	Jun 2003	Convict Labor
52.222-21	Apr 2015	Prohibition of Segregated Facilities
52.222-26	Apr 2015	Equal Opportunity
52.222-35	Oct 2015	Equal Opportunity for Veterans (\$150,000 or more)
52.222-36	Jul 2014	Equal Opportunity for Workers with Disabilities
52.222-37	Oct 2015	Employment Reports on Veterans (\$150,000 or more)
52.222-40	Dec 2010	Notification of Employee Rights Under the National Labor Relations Act (Over the Simplified Acquisition Threshold)
52.222-50	Mar 2015	Combating Trafficking in Persons
52.222-54	Oct 2015	Employment Eligibility Verification (Over the Simplified Acquisition Threshold)
52.223-6	May 2001	Drug-Free Workplace
52.223-18	Aug 2011	Encouraging Contractor Policies to Ban Text Messaging While Driving
52.225-1	May 2014	Buy American – Supplies
52.225-13	Jun 2008	Restrictions on Certain Foreign Purchases
52.227-1	Dec 2007	Authorization and Consent
52.227-2	Dec 2007	Notice and Assistance Regarding Patent and Copyright Infringement
52.229-3	Feb 2013	Federal, State and Local Taxes (Over the Simplified Acquisition Threshold)
52.232-1	Apr 1984	Payments
52.232-8	Feb 2002	Discounts for Prompt Payment
52.232-9	Apr 1984	Limitation on Withholding of Payments

<b>FAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
52.232-11	Apr 1984	Extras
52.232-17	May 2014	Interest (Over the Simplified Acquisition Threshold)
52.232-23	May 2014	Assignment of Claims
52.232-25	Jul 2013	Prompt Payment
52.232-33	Jul 2013	Payment by Electronic Funds Transfer--System for Award Management
52.232-39	Jun 2013	Unenforceability of Unauthorized Obligations
52.233-1	May 2014	Disputes
52.233-3	Aug 1996	Protest After Award
52.233-4	Oct 2004	Applicable Law for Breach of Contract Claim
52.242-13	Jul 1995	Bankruptcy (Over the Simplified Acquisition Threshold)
52.243-1	Aug 1987	Changes - Fixed-Price, Alternate I (Apr 1984)
52.244-6	Oct 2015	Subcontracts for Commercial Items
52.246-25	Feb 1997	Limitation of Liability - Services (Over the Simplified Acquisition Threshold)
52.249-4	Apr 1984	Termination for Convenience of the Government (Services) (Short Form)
52.249-8	Apr 1984	Default (Fixed-Price Supply and Service)(Over the Simplified Acquisition Threshold)
52.253-1	Jan 1991	Computer Generated Forms

**b. DEPARTMENT OF HEALTH AND HUMAN SERVICES ACQUISITION REGULATION (HHSAR)  
 (48 CFR CHAPTER 3) CLAUSES:**

<b>HHSAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
352.202-1	Jan 2006	Definitions
352.203-70	Mar 2012	Anti-Lobbying
352.222-70	Jan 2010	Contractor Cooperation in Equal Employment Opportunity Investigations
352.227-70	Jan 2006	Publications and Publicity
352.231-71	Jan 2001	Pricing of Adjustments
352.242-70	Jan 2006	Key Personnel

**Article I.2 General Clauses for a Negotiated Cost-Reimbursement Service Contract**

*This contract incorporates the following clauses by reference, with the same force and effect as if they were given in full text. Upon request, the PCO will make their full text available. Also, the full text of a clause may be accessed electronically as follows: FAR Clauses at: <https://www.acquisition.gov/far/>. HHSAR Clauses at: <http://www.hhs.gov/policies/hhsar/subpart352.html>.*

**a. FEDERAL ACQUISITION REGULATION (FAR) (48 CFR CHAPTER 1) CLAUSES:**

<b><u>FAR CLAUSE NO.</u></b>	<b>DATE</b>	<b>TITLE</b>
52.202-1	Nov 2013	Definitions (Over the Simplified Acquisition Threshold)
52.203-3	Apr 1984	Gratuities (Over the Simplified Acquisition Threshold)
52.203-5	May 2014	Covenant Against Contingent Fees (Over the Simplified Acquisition Threshold)
52.203-6	Sep 2006	Restrictions on Subcontractor Sales to the Government (Over the Simplified Acquisition Threshold)
52.203-7	May 2014	Anti-Kickback Procedures (Over the Simplified Acquisition Threshold)
52.203-8	May 2014	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity (Over the Simplified Acquisition Threshold)
52.203-10	May 2014	Price or Fee Adjustment for Illegal or Improper Activity (Over the Simplified Acquisition Threshold)
52.203-12	Oct 2010	Limitation on Payments to Influence Certain Federal Transactions (Over \$150,000)
52.203-17	Apr 2014	Contractor Employee Whistleblower Rights and Requirements to Inform Employees of Whistleblower Rights (Over the Simplified Acquisition Threshold)
52.203-99	Feb 2015	Prohibition on Contracting with Entities That Require Certain Internal Confidentiality Agreements (DEVIATION)
52.204-4	May 2011	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper(Over the Simplified Acquisition Threshold)
52.204-10	Oct 2015	Reporting Executive Compensation and First-Tier Subcontract Awards (\$30,000 or more)
52.204-13	Jul 2013	System for Award Management Maintenance
52.209-6	Oct 2015	Protecting the Government's Interests When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment (Over \$35,000)
52.215-2	Oct 2010	Audit and Records - Negotiation [Note: Applies to ALL contracts funded in whole or in part with Recovery Act funds, regardless of dollar value, AND contracts over the Simplified Acquisition Threshold funded exclusively with non-Recovery Act funds.]
52.215-8	Oct 1997	Order of Precedence - Uniform Contract Format
52.215-10	Aug 2011	Price Reduction for Defective Certified Cost or Pricing Data (Over \$750,000)
52.215-12	Oct 2010	Subcontractor Cost or Pricing Data (Over \$750,000)
52.215-15	Oct 2010	Pension Adjustments and Asset Reversions (Over \$750,000)
52.215-18	Jul 2005	Reversion or Adjustment of Plans for Post-Retirement Benefits (PRB) other than Pensions
52.215-19	Oct 1997	Notification of Ownership Changes
52.215-21	Oct 2010	Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data – Modifications

<b><u>FAR CLAUSE NO.</u></b>	<b>DATE</b>	<b>TITLE</b>
52.215-23	Oct 2009	Limitations on Pass-Through Charges (Over the Simplified Acquisition Threshold)
52.216-7	Jun 2013	Allowable Cost and Payment
52.216-8	Jun 2011	Fixed Fee
52.219-8	Oct 2014	Utilization of Small Business Concerns (Over the Simplified Acquisition Threshold)
52.222-2	Jul 1990	Payment for Overtime Premium (Over the Simplified Acquisition Threshold) (Note: The dollar amount in paragraph (a) of this clause is \$0 unless otherwise specified in the contract.)
52.222-3	Jun 2003	Convict Labor
52.222-21	Apr 2015	Prohibition of Segregated Facilities
52.222-26	Apr 2015	Equal Opportunity
52.222-35	Oct 2015	Equal Opportunity for Veterans (\$150,000 or more)
52.222-36	Jul 2014	Equal Opportunity for Workers with Disabilities
52.222-37	Oct 2015	Employment Reports on Veterans (\$150,000 or more)
52.222-40	Dec 2010	Notification of Employee Rights Under the National Labor Relations Act (Over the Simplified Acquisition Threshold)
52.222-50	Mar 2015	Combating Trafficking in Persons
52.222-54	Oct 2015	Employment Eligibility Verification (Over the Simplified Acquisition Threshold)
52.223-6	May 2001	Drug-Free Workplace
52.223-18	Aug 2011	Encouraging Contractor Policies to Ban Text Messaging While Driving
52.225-1	May 2014	Buy American – Supplies
52.225-13	Jun 2008	Restrictions on Certain Foreign Purchases
52.227-1	Dec 2007	Authorization and Consent
52.227-2	Dec 2007	Notice and Assistance Regarding Patent and Copyright Infringement
52.227-14	May 2014	Rights in Data – General
52.232-9	Apr 1984	Limitation on Withholding of Payments
52.232-17	May 2014	Interest (Over the Simplified Acquisition Threshold)
52.232-20	Apr 1984	Limitation of Cost
52.232-23	May 2014	Assignment of Claims
52.232-25	Jul 2013	Prompt Payment, Alternate I (Feb 2002)

<b>FAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
52.232-33	Jul 2013	Payment by Electronic Funds Transfer--System for Award Management
52.232-39	Jun 2013	Unenforceability of Unauthorized Obligations
52.233-1	May 2014	Disputes
52.233-3	Aug 1996	Protest After Award, Alternate I (Jun 1985)
52.233-4	Oct 2004	Applicable Law for Breach of Contract Claim
52.242-1	Apr 1984	Notice of Intent to Disallow Costs
52.242-3	May 2014	Penalties for Unallowable Costs (Over \$700,000)
52.242-4	Jan 1997	Certification of Final Indirect Costs
52.242-13	Jul 1995	Bankruptcy (Over the Simplified Acquisition Threshold)
52.243-2	Aug 1987	Changes - Cost Reimbursement, Alternate I (Apr 1984)
52.244-2	Oct 2010	Subcontracts (Over the Simplified Acquisition Threshold), Alternate I (June 2007)
52.244-5	Dec 1996	Competition in Subcontracting (Over the Simplified Acquisition Threshold)
52.244-6	Oct 2015	Subcontracts for Commercial Items
52.245-1	Apr 2012	Government Property
52.245-9	Apr 2012	Use and Charges
52.246-25	Feb 1997	Limitation of Liability - Services (Over the Simplified Acquisition Threshold)
52.249-6	May 2004	Termination (Cost-Reimbursement)
52.249-14	Apr 1984	Excusable Delays
52.253-1	Jan 1991	Computer Generated Forms

**b. DEPARTMENT OF HEALTH AND HUMAN SERVICES ACQUISITION REGULATION (HHSAR)  
 (48 CFR CHAPTER 3) CLAUSES:**

<b>HHSAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
352.202-1	Jan 2006	Definitions - with Alternate paragraph (h) (Jan 2006)
352.203-70	Mar 2012	Anti-Lobbying
352.216-70	Jan 2006	Additional Cost Principles
352.222-70	Jan 2010	Contractor Cooperation in Equal Employment Opportunity Investigations
352.227-70	Jan 2006	Publications and Publicity
352.228-7	Dec 1991	Insurance - Liability to Third Persons

<b>HHSAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
352.233-71	Jan 2006	Litigation and Claims
352.242-70	Jan 2006	Key Personnel
352.242-73	Jan 2006	Withholding of Contract Payments
352.242-74	Apr 1984	Final Decisions on Audit Findings

### **Article I.3 General Clauses for a Time and Material or a Labor Hour Contract**

*This contract incorporates the following clauses by reference, with the same force and effect as if they were given in full text. Upon request, the PCO will make their full text available. Also, the full text of a clause may be accessed electronically as follows: FAR Clauses at: <https://www.acquisition.gov/far/>. HHSAR Clauses at: <http://www.hhs.gov/policies/hhsar/subpart352.html>.*

#### **a. FEDERAL ACQUISITION REGULATION (FAR) (48 CFR CHAPTER 1) CLAUSES:**

<b>FAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
52.202-1	Nov 2013	Definitions (Over the Simplified Acquisition Threshold)
52.203-3	Apr 1984	Gratuities (Over the Simplified Acquisition Threshold)
52.203-5	May 2014	Covenant Against Contingent Fees (Over the Simplified Acquisition Threshold)
52.203-6	Sep 2006	Restrictions on Subcontractor Sales to the Government (Over the Simplified Acquisition Threshold)
52.203-7	May 2014	Anti-Kickback Procedures (Over the Simplified Acquisition Threshold)
52.203-8	May 2014	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity (Over the Simplified Acquisition Threshold)
52.203-10	May 2014	Price or Fee Adjustment for Illegal or Improper Activity (Over the Simplified Acquisition Threshold)
52.203-12	Oct 2010	Limitation on Payments to Influence Certain Federal Transactions (Over \$150,000)
52.203-17	Apr 2014	Contractor Employee Whistleblower Rights and Requirements to Inform Employees of Whistleblower Rights (Over the Simplified Acquisition Threshold)
52.203-99	Feb 2015	Prohibition on Contracting with Entities That Require Certain Internal Confidentiality Agreements (DEVIATION)
52.204-4	May 2011	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper(Over the Simplified Acquisition Threshold)
52.204-10	Oct 2015	Reporting Executive Compensation and First-Tier Subcontract Awards (\$30,000 or more)
52.204-13	Jul 2013	System for Award Management Maintenance
52.209-6	Oct 2015	Protecting the Government's Interests When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment (Over \$35,000)

<b>FAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
52.215-2	Oct 2010	Audit and Records - Negotiation [Note: Applies to ALL contracts funded in whole or in part with Recovery Act funds, regardless of dollar value, AND contracts over the Simplified Acquisition Threshold funded exclusively with non-Recovery Act funds.]
52.215-8	Oct 1997	Order of Precedence - Uniform Contract Format
52.215-10	Aug 2011	Price Reduction for Defective Certified Cost or Pricing Data (Over \$750,000)
52.215-12	Oct 2010	Subcontractor Cost or Pricing Data (Over \$750,000)
52.215-14	Oct 2010	Integrity of Unit Prices (Over the Simplified Acquisition Threshold)
52.215-15	Oct 2010	Pension Adjustments and Asset Reversions (Over \$750,000)
52.215-18	Jul 2005	Reversion or Adjustment of Plans for Post-Retirement Benefits (PRB) other than Pensions
52.215-19	Oct 1997	Notification of Ownership Changes
52.215-21	Oct 2010	Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data – Modifications
52.219-8	Oct 2014	Utilization of Small Business Concerns (Over the Simplified Acquisition Threshold)
52.222-20	May 2014	Contracts For Materials, Supplies, Articles, and Equipment Exceeding \$15,000
52.222-21	Apr 2015	Prohibition of Segregated Facilities
52.222-26	Apr 2015	Equal Opportunity
52.222-35	Oct 2015	Equal Opportunity for Veterans (\$150,000 or more)
52.222-36	Jul 2014	Equal Opportunity for Workers with Disabilities
52.222-37	Oct 2015	Employment Reports on Veterans (\$150,000 or more)
52.222-40	Dec 2010	Notification of Employee Rights Under the National Labor Relations Act (Over the Simplified Acquisition Threshold)
52.222-50	Mar 2015	Combating Trafficking in Persons
52.222-54	Oct 2015	Employment Eligibility Verification (Over the Simplified Acquisition Threshold)
52.223-6	May 2001	Drug-Free Workplace
52.223-18	Aug 2011	Encouraging Contractor Policies to Ban Text Messaging While Driving
52.225-1	May 2014	Buy American - Supplies
52.225-13	Jun 2008	Restrictions on Certain Foreign Purchases
52.227-1	Dec 2007	Authorization and Consent
52.227-2	Dec 2007	Notice and Assistance Regarding Patent and Copyright Infringement

<b><u>FAR</u></b> <b><u>CLAUSE NO.</u></b>	<b>DATE</b>	<b>TITLE</b>
52.229-3	Feb 2013	Federal, State and Local Taxes (Over the Simplified Acquisition Threshold)
52.232-7	Aug 2012	Payments under Time-and-Materials and Labor-Hour Contracts
52.232-8	Feb 2002	Discounts for Prompt Payment
52.232-9	Apr 1984	Limitation on Withholding of Payments
52.232-17	May 2014	Interest (Over the Simplified Acquisition Threshold)
52.232-23	May 2014	Assignment of Claims
52.232-25	Jul 2013	Prompt Payment
52.232-33	Jul 2013	Payment by Electronic Funds Transfer--System for Award Management
52.232-39	Jun 2013	Unenforceability of Unauthorized Obligations
52.233-1	May 2014	Disputes
52.233-3	Aug 1996	Protest After Award
52.233-4	Oct 2004	Applicable Law for Breach of Contract Claim
52.242-1	Apr 1984	Notice of Intent to Disallow Costs
52.242-13	Jul 1995	Bankruptcy (Over the Simplified Acquisition Threshold)
52.243-3	Sep 2000	Changes - Time-and-Materials and Labor-Hours
52.244-2	Oct 2010	Subcontracts (Over the Simplified Acquisition Threshold)
52.244-6	Oct 2015	Subcontracts for Commercial Items
52.245-1	Apr 2012	Government Property
52.245-9	Apr 2012	Use and Charges
52.249-6	May 2004	Termination (Cost-Reimbursement), Alternate IV (Sep 1996)
52.249-14	Apr 1984	Excusable Delays
52.253-1	Jan 1991	Computer Generated Forms

**b. DEPARTMENT OF HEALTH AND HUMAN SERVICES ACQUISITION REGULATION (HHSAR)  
 (48 CFR CHAPTER 3) CLAUSES:**

<b><u>HHSAR</u></b> <b><u>CLAUSE NO.</u></b>	<b>DATE</b>	<b>TITLE</b>
352.202-1	Jan 2006	Definitions
352.203-70	Mar 2012	Anti-Lobbying
352.222-70	Jan 2010	Contractor Cooperation in Equal Employment Opportunity Investigations

<b>HHSAR CLAUSE NO.</b>	<b>DATE</b>	<b>TITLE</b>
352.227-70	Jan 2006	Publications and Publicity
352.228-7	Dec 1991	Insurance - Liability to Third Persons
352.233-71	Jan 2006	Litigation and Claims
352.242-70	Jan 2006	Key Personnel
352.242-73	Jan 2006	Withholding of Contract Payments
352.242-74	Apr 1984	Final Decisions on Audit Findings

**Article I.4 Authorized Substitution of Clauses**

ARTICLES I.1., I.2., or I.3 of this SECTION are hereby modified as follows, as appropriate:

(For use in task orders for services involving the furnishing of supplies with a cost exceeding \$25,000 but less than \$203,300. If the contract value is \$25,000 or more but less than \$50,000, the clause will be used with its Alternate I (March 12). If the contract is \$50,000 or more but less than \$77,494, the clause will be used with its Alternate II (March 12). If the contract value is \$77,494 or more but is less than \$100,000, the clause will be used with its Alternate III (March 12.)).

- a. FAR Clause 52.225-1, Buy American Act--Supplies (June 2003) is deleted in its entirety and FAR Clause 52.225-3, Buy American Act--Free Trade Agreements--Israeli Trade Act (May 2014) is substituted therefore.

*(For use in task orders for services involving the furnishing of supplies with a cost valued at \$202,000 or more, if the Trade Agreements Act applies.)*

- b. FAR Clause 52.225-1, Buy American Act--Supplies (June 2003) is deleted in its entirety and FAR Clause 52.225-5, Trade Agreements (November 2013) is substituted therefore.

*(For use in fixed price task orders for services involving the furnishing of supplies.)*

- c. Alternate I (April 1984) of FAR Clause 52.243-1, Changes, Fixed Price (August 1987), is hereby deleted in its entirety and Alternate II (April 1984) of FAR Clause 52.243-1, Changes, Fixed Price (August 1987), is substituted therefore.

**Article I.5 Additional Contract Clauses**

This contract incorporates the following clauses by reference, with the same force and effect, as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

**a. FEDERAL ACQUISITION REGULATION (FAR) (48 CFR CHAPTER 1) CLAUSES:**

- 1. FAR Clause 52.203-13, Contractor Code of Business Ethics and Conduct (Oct 2015).
- 2. FAR Clause 52.203-14, Display of Hotline Poster(s) (Oct 2015).

".....(3) Any required posters may be obtained as follows:

Poster(s)	Obtain From"
HHS Contractor Code of Ethics and Business Conduct Poster	<a href="http://oig.hhs.gov/fraud/report-fraud/OIG_Hotline_Poster.pdf">http://oig.hhs.gov/fraud/report-fraud/OIG_Hotline_Poster.pdf</a>

*(The following clause will be used in Task Orders that require access to classified information under National Security Designations Level 2 (Confidential Or Secret), Level 3 (Top Secret), Or Level 4 (Special Access)).*

- 3. FAR Clause 52.204-2, Security Requirements (August 1996).

*(The following clause will be used in Task Orders when contract performance will require the contractor to have routine physical access to a federally controlled facility and/or routine access to a federally controlled information system.)*

4. FAR Clause 52.204-9, Personal Identity Verification of Contractor Personnel (January 2011).

*(The following clause is not applicable to task orders entirely funded by DoD or in classified task orders.)*

5. FAR Clause 52.204-15 Service Contract Reporting Requirements for Indefinite-Delivery Contracts (Jan 2014).

*(The following clause only applies to task orders that are for the acquisition of supplies or services that meet the definition of commercial items at FAR 2.101. They will be incorporated in full text into individual orders, as applicable.)*

6. FAR Clause 52.212-4, Contract Terms and Conditions – Commercial Items (May 2015), and Alternative I (May 2014) if applicable.

7. FAR Clause 52.216-18, Ordering (October 1995).

"(a) ....Such orders may be issued from the date of award through 120 months thereafter."

8. FAR Clause 52.216-22, Indefinite Quantity (October 1995).

"(d) ...the Contractor shall not be required to make any deliveries under this contract 60 months following expiration of the GWAC ordering period."

*(The following clause will be used in Task Order solicitations and awards that are set aside, or reserved for, or awarded on a sole source basis to HUBZone Small Business Concerns under FAR 19.1305 or 19.1306.)*

9. FAR Clause 52.219-3, Notice of HUBZone Set-Aside or Sole Source Award (November 2011).

*(The following clause may be used in Task Order solicitations and awards when the inclusion of an option is appropriate.)*

10. FAR Clause 52.217-8, Option to Extend Services (November 1999).

"..The Contracting Officer may exercise the option by written notice to the Contractor within \_\_\_\_\_ [INSERT THE PERIOD OF TIME WITHIN WHICH THE CONTRACTING OFFICER MAY EXERCISE THE OPTION]."

*(The following clause may be used in Task Orders that contain an option.)*

11. FAR Clause 52.217-9, Option to Extend the Term of the Contract (March 2000).

"(a) The Government may extend the term of this contract by written notice to the Contractor within \_\_\_\_\_ [INSERT THE PERIOD OF TIME WITHIN WHICH THE CONTRACTING OFFICER MAY EXERCISE THE OPTION]; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least days [60 days unless a different number of days is inserted] before the contract expires. The preliminary notice does not commit the Government to an extension."

"(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed [MONTHS/YEARS]."

*(The following clause will be used in Task Order solicitations and awards involving total small business set-asides or reserves.)*

12. FAR Clause 52.219-6, Notice of Total Small Business Set-Aside (November 2011).

*(The following clause will be used in Task Order solicitations and awards involving partial small business set- asides.)*

13. FAR Clause 52.219-7, Notice of Partial Small Business Set-Aside (June 2003).

*(The following clause will be used in Task Order solicitations and awards if the task order is to be set aside for any of the Small Business concerns identified in FAR 19.000(a)(3)).*

14. FAR Clause 52.219-13, Notice of Set-Aside of Orders (November 2011).

*(The following clause will be used in Task Order solicitations and awards if any portion of the requirement is to be set aside or reserved for Small Business and the task order amount is expected to exceed \$150,000.)*

15. FAR Clause 52.219-14, Limitations on Subcontracting (November 2011).

*(The following clause will be used in Task Order solicitations and awards set-aside or reserved for, or awarded on a sole source basis to, service-disabled veteran-owned small business concerns under FAR 19.1405 and 19.1406)*

16. FAR Clause 52.219-27, Notice of Service-Disabled Veteran-Owned Small Business Set-Aside (November 2011).

17. FAR Clause 52.219-28, Post-Award Small Business Program Rerepresentation (July 2013).

*(The following clause will be used in Task Order solicitations and awards that are set-aside or reserved for economically disadvantaged women-owned small business concerns under FAR 19.1505(b)).*

18. FAR Clause 52.219-29, Notice of Set-Aside for Economically Disadvantaged Women-Owned Small Business Concerns (July 2013).

*(The following clause will be used in Task Order solicitations and awards set-aside or reserved for women-owned small business concerns under FAR 19.1505(c)).*

19. FAR Clause 52.219-30, Notice of Set-Aside for Women-Owned Small Business Concerns Eligible Under the Women-Owned Small Business Program (July 2013).

*(The following clause will be used in Task Orders. If the task order for services will not involve the furnishing of supplies, use the clause with its Alternate I. If the task order for services will involve the furnishing of supplies, use the clause with its Alternate II.)*

20. FAR Clause 52.243-1, Changes-Fixed Price (August 1987)
21. FAR Clause 52.251-1, Government Supply Sources (April 2012).

**b. ADDITIONAL TASK ORDER CLAUSES:**

1. OCOs may include additional agency or FAR clauses to task orders as applicable to the specific requirements.

**Article I.6 Additional FAR Contract Clauses Included in Full Text**

This contract incorporates the following clauses in full text.

**a. FEDERAL ACQUISITION REGULATION (FAR) (48 CFR CHAPTER 1) CLAUSES**

*(The following clause applies to the contract, if the offeror has checked "has" in paragraph (b) of the provision at 52.209-7).*

1. FAR Clause 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matters (July 2013)
  - (a) The Contractor shall update the information in the Federal Awardee Performance and Integrity Information System (FAPIS) on a semi-annual basis, throughout the life of the contract, by posting the required information in the System for Award Management database at <https://www.acquisition.gov>.
  - (b) As required by section 3010 of the Supplemental Appropriations Act, 2010 (Pub. L. 111-212), all information posted in FAPIS on or after April 15, 2011, except past performance reviews, will be publicly available. FAPIS consists of two segments--
    - (1) The non-public segment, into which Government officials and the Contractor post information, which can only be viewed by--

- (i) Government personnel and authorized users performing business on behalf of the Government; or
- (ii) The Contractor, when viewing data on itself; and
- (2) The publicly-available segment, to which all data in the non-public segment of FAPIIS is automatically transferred after a waiting period of 14 calendar days, except for--
  - (i) Past performance reviews required by subpart 42.15;
  - (ii) Information that was entered prior to April 15, 2011; or
  - (iii) Information that is withdrawn during the 14-calendar-day waiting period by the Government official who posted it in accordance with paragraph (c)(1) of this clause.
- (c) The Contractor will receive notification when the Government posts new information to the Contractor's record.
  - (1) If the Contractor asserts in writing within 7 calendar days, to the Government official who posted the information, that some of the information posted to the non-public segment of FAPIIS is covered by a disclosure exemption under the Freedom of Information Act, the Government official who posted the information must within 7 calendar days remove the posting from FAPIIS and resolve the issue in accordance with agency Freedom of Information procedures, prior to reposting the releasable information. The contractor must cite 52.209-9 and request removal within 7 calendar days of the posting to FAPIIS.
  - (2) The Contractor will also have an opportunity to post comments regarding information that has been posted by the Government. The comments will be retained as long as the associated information is retained, i.e., for a total period of 6 years. Contractor comments will remain a part of the record unless the Contractor revises them.
  - (3) As required by section 3010 of Pub. L. 111-212, all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available.
- (d) Public requests for system information posted prior to April 15, 2011, will be handled under Freedom of Information Act procedures, including, where appropriate, procedures promulgated under E.O. 12600.

(End of clause)

2. FAR Clause 52.216-19, Order Limitations (October 1995)

- (a) Minimum Order. When the Government requires supplies or services covered by this contract in an amount of less than \$250, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract
- (b) Maximum Order. The Contractor is not obligated to honor--
  - (1) Any order for a single item in excess of \$1,000,000.
  - (2) Any order for a combination of items in excess of \$1,000,000; or
  - (3) A series of orders from the same ordering office within 10 days that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.
- (c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.
- (d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 5 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of clause)

**b. DEPARTMENT OF HEALTH AND HUMAN SERVICES ACQUISITION REGULATION (HHSAR) (48**

**CHAPTER 3) CLAUSES:**

*(The following clause is applicable to any task order that contains Prevention and Public Health Fund (PPHF) Funds.*

HHSAR Clause 352.204-16, Prevention and Public Health Fund--Reporting Requirements (March 2012).

(a) Pursuant to Public Law 112-74, FY2012 Labor, HHS and Education Appropriations Act, Sec. 220, this contract requires the contractor to provide products and/or services that are funded from the Prevention and Public Health Fund (PPHF), Public Law 111-148, sec. 4002. Section 220(a)(5) requires each contractor to report on its use of these funds under this contract. These reports will be made available to the public.

(b) Semi-annual reports from the Contractor for all work funded, in whole or in part, by the PPHF, are due no later than 20 days following the end of each six- month period. The six-month reporting periods are January through June and July through December. The first report is due no later than 20 days after the end of the six-month period following contract award. Subsequent reports are due no later than 20 days after the end of each reporting period. If applicable, the Contractor shall submit its final report for the remainder of the contract period no later than 20 days after the end of the reporting period in which the contract ended.

(c) The Contractor shall provide the following information in an electronic and 508 compliant format to the Contracting Officer.

- (1) The Government contract and order number, as applicable.
- (2) The amount of PPHF funds invoiced by the contractor for the reporting period and the cumulative amount invoiced for the contract or order period.
- (3) A list of all significant services performed or supplies delivered, including construction, for which the contractor invoiced in the reporting period.
- (4) Program or project title, if any.
- (5) The Contractor shall report any subcontract funded in whole or in part with PPHF funding, that is valued at \$25,000 or more. The Contractor shall advise the subcontractor that the information will be made available to the public. The Contractor shall report:
  - (i) Name and address of the subcontractor.
  - (ii) Amount of the subcontract award.
  - (iii) Date of the subcontract award.
  - (iv) A description of the products or services (including construction) being provided under the subcontract.

(End of clause)

**Article I.7 Additional Contract Clauses Applicable to Task Orders Set-Aside for HUBZone Small Business Concerns**

This contract incorporates the following clauses by reference, with the same force and effect, as if they were given in full text. Upon request, the PCO will make their full text available.

**a. ADDITIONAL FEDERAL ACQUISITION REGULATION (FAR) (48 CFR CHAPTER 1) CLAUSES – APPLICABLE FOR TASK ORDERS SET ASIDE FOR HUBZONE SMALL BUSINESS CONCERNS**

Clause	Date	Clause Title
52-219-3	Nov 2011	Notice of HUBZone Set-Aside or Sole Source Award

**Article I.8 Additional Contract Clauses Applicable to Task Orders Set-Aside for Service-Disabled Veteran-Owned Small Business (SDVOSB)**

This contract incorporates the following clauses by reference, with the same force and effect, as if they were given in full text. Upon request, the PCO will make their full text available.

- a. ADDITIONAL FEDERAL ACQUISITION REGULATION (FAR) (48 CFR CHAPTER 1) CLAUSES – APPLICABLE FOR TASK ORDERS SET ASIDE FOR SDVOSBs

Clause	Date	Clause Title
52.219-27	Nov 2011	Notice of Service-Disabled Veteran-Owned Small Business Set-Aside

**Article I.9 Additional Contract Clauses Applicable to Task Orders Set-Aside for Section 8(a) Concerns**

This contract incorporates the following clauses by reference, with the same force and effect, as if they were given in full text. Upon request, the PCO will make their full text available.

- a. ADDITIONAL FEDERAL ACQUISITION REGULATION (FAR) (48 CFR CHAPTER 1) CLAUSES – APPLICABLE FOR TASK ORDERS SET-ASIDE FOR SECTION 8(a) CONCERNS

Clause	Date	Clause Title
52-219-11	Feb 1990	Special 8(a) Contract Conditions
52-219-12	Feb 1990	Special 8(a) Subcontract Conditions
52-219-17	Dec 1996	Section 8(a) Award
52-219-18	Jun 2003	Notification of Competition Limited to Eligible 8(a) Concerns

## **PART III – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS**

### **SECTION J: LIST OF ATTACHMENTS**

The following documents are attached and incorporated in this contract:

1. Attachment J.1, Labor Rates
2. Attachment J.2 Description of Labor Categories (24-Sep-10)
3. Attachment J.7 List of Acronyms (24-Sep-10)
4. Attachment J.8 Sample Report Templates (see Article C.3) (24-Sep-10)

## **PART IV - REPRESENTATIONS AND INSTRUCTIONS**

### **SECTION K: REPRESENTATIONS AND CERTIFICATIONS**

The following documents are incorporated by reference in this contract:

1. Annual Representations and Certifications completed and located at the System for Award Management (SAM), <http://www.sam.gov>.
2. HHS Representations & Certifications, submitted with the contractor's proposal.

**Attachment J.1 Pricing Tables (24-Sep-10)**

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**See Attachment J-1**

## **Attachment J.2 Description of Labor Categories (22-May-12)**

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As noted in Article H.1, Labor Categories, the labor category descriptions provided in this attachment represent the government's best estimate of the kinds of personnel required for successful contract performance. These descriptions are neither mandatory nor exclusionary, but are provided to assist contractors in mapping their own labor categories to the ones provided under this GWAC. See Article H.1, Labor Categories, for further guidance.

### **Administrative Assistant (Series AA)**

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**Level I (AA01)** – Provide administrative support specifically dedicated to the requirements of the project team. Plan and produce correspondence, reports, proposals, memos, and other documentation using a personal computer. Operate spreadsheet software such as Excel to produce finished documents. Proofread completed documents. Provide copying and production support as needed. Commensurate experience and education.

**Level II (AA02)** – Provide administrative support specifically dedicated to the requirements of the project team. Perform a wide range of clerical and administrative duties including, for example, typing, filing, tracking of time records, word processing, dictation, and composition of correspondence. Commensurate experience and education.

### **Applications Engineer (Series AB)**

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**Level I (AB01)** - Analyze functional business applications and design specifications for functional activities. Translate detailed design into application systems. Test, debug, and refine applications to produce the required product. Prepare required documentation, including both program-level and user-level documentation. Enhance applications to improve performance and add functionality. Provide technical direction to engineers to ensure program deadlines are met.

**Level II (AB02)** - Analyze and study complex system requirements. Design software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manage software development and support using formal specifications, data flow diagrams, other accepted design techniques and Computer Aided Software Engineering (CASE) tools. Estimate software development costs and schedule. Review existing programs and assist in making refinements, reducing operating time, and improving current techniques. Supervise software configuration management.

### **Application Programmer (Series AC)**

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**Level I (AC01)** - Assist with the analysis of information requirements. Aid in the evaluation of problems with workflow, organization, and planning and help in the development of appropriate corrective action.

**Level II (AC02)** - Participate in the design of software tools and subsystems to support reuse and domain analysis. Assist Applications Engineer and Applications Programmer to interpret software requirements and design specifications to code, and integrate and test software components.

**Level III (AC03)** - Analyze functional business applications and design specifications for functional areas such as finance, accounting, personnel, manpower, logistics, and contracts. Develop block diagrams and logic flow charts. Translate detailed design into computer software. Test, debug, and refine the computer software to produce the required product. Prepare required documentation, including both program-level and user-level documentation. Enhance software to reduce operating time or improve efficiency. Provide technical direction to programmers to ensure program deadlines are met. Experience in information

system design, including application programming on large-scale DBMS and the development of complex software to satisfy design objectives.

### **Application Systems Analyst (Series AD)**

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Provide analysis and design of business systems for different applications such as: financial, accounting, human resources, and other enterprise systems. Handle test scripts and service requirements; work closely with end users on project development and implementation. Analysts should have a working knowledge of relational database environments, structured analysis, data modeling, information engineering, mathematical model building, sampling, and cost accounting to plan the system. Specify the inputs to be accessed by the system, design the processing steps, and format the output to meet the users' needs. Prepare cost-benefit and return-on-investment analyses to help management decide whether implementing the proposed system will be financially feasible. Possess excellent verbal and written communications skills.

### **Biostatistician (Series AE)**

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Specialize in the application of statistics and/or computer technology to biological studies applying the use of statistical software packages such as SAS, BMDP, SPSS, or PL/1.

### **Business Analyst (Series AF)**

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**Level I (AF01)** - Provide expertise in business process and system analysis, design, improvement, and implementation efforts and in translating business process needs into technical requirements. Provide expertise in change management and training support. Provide organizational and strategic planning for a wide variety of technical and functional environments. Provide expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis.

**Level II (AF02)** - Assist in applying common best practices for the industry to the customer using a knowledge base to create conceptual business models and to identify relevant issues and considerations in selecting application software packages. Assess the operational and functional baseline of an organization and its organizational components, and help to define the direction and strategy for an engagement while ensuring the organizational needs are being addressed. Typical areas addressed include Human Resources, Finance, Supply, and operations. Identify information technology inadequacies and/or deficiencies that affect the functional area's ability to support/meet organizational goals. Support the development of functional area strategies for enhanced IT. Commensurate experience and education.

**Level III (AF03)** - Assist in applying common best practices for the industry to the customer using a knowledge base to create conceptual business models and to identify relevant issues and considerations in selecting application software packages. Assess the operational and functional baseline of an organization and its organizational components, and help to define the direction and strategy for an engagement while ensuring the organizational needs are being addressed. Typical areas addressed include Human Resources, Finance, Supply, and operations. Identify information technology inadequacies and/or deficiencies that affect the functional area's ability to support/meet organizational goals. Generate functional area strategies for enhanced IT operations in a cross-functional area mode throughout the organization. Participate in account strategy sessions, strategic assessments and design reviews to validate enterprise approach and associated work products, such as ERP implementations coordinating the resolution of highly complex problems and tasks. Commensurate experience and education.

## **Business Process Reengineering Specialist (Series AG)**

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**Level I (AG01)** - Apply process improvement, reengineering methodologies, and internet-related methodologies and principles to conduct process modernization projects. Assist senior staff with effective transitioning of existing organizations or project teams in accomplishing the organization's goals or project activities and objectives through improved use of internet and other automated processes. Support activity and data modeling, development of modern business methods, identification of best practices, and creating and assessing performance measurements. Provide group facilitation, interviewing, training, and additional forms of knowledge transfer. Commensurate education and experience.

**Level II (AG02)** – Apply process improvement, reengineering methodologies, and internet-related methodologies and principles to conduct process modernization projects. Responsible for transitioning of existing organizations or project teams in accomplishing the organization's goals or project activities and objectives through improved use of internet and other automated processes. Support activity and data modeling, development of modern business methods, identification of best practices, and creating and assessing performance measurements. Provide group facilitation, interviewing, training, and additional forms of knowledge transfer. May provide daily supervision and direction to other contractor business reengineering specialists and web architects. Commensurate education and experience.

**Level III (AG03)** – Manage use of process improvement, reengineering methodologies, and internet-related methodologies and principles to conduct process modernization projects. Responsible for transitioning of existing organizations or project teams in accomplishing the organization's goals or project activities and objectives through improved use of internet and other automated processes. Support activity and data modeling, development of modern business methods, identification of best practices, and creating and assessing performance measurements. Provide group facilitation, interviewing, training, and additional forms of knowledge transfer. Key coordinator between customers and multiple project teams to ensure enterprise-wide integration of reengineering efforts and application of best practice including e-business practices. May provide daily supervision and direction to other contractor business reengineering specialists and web architects. Commensurate education and experience.

## **Chief Information Security Officer (Series AH)**

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Responsible for determining enterprise information security standards. Develop and implements information security standards and procedures. Provide tactical information security advice and examining the ramifications of new technologies. Ensure that all information systems are functional and secure.

## **Communications Hardware Specialist (Series AI)**

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Analyze network and computer communications hardware characteristics and recommends equipment procurement, removals, and modifications. Add, delete, and modify, as required, host, terminal, and network devices. Assist and coordinate with communications network specialists in the area of communication software. Analyze and implement communications standards and protocols according to site requirements.

## **Communications Network Manager (Series AJ)**

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Evaluate communication hardware and software, troubleshoot local-, metropolitan-, and wide-area networks (LAN/MAN/WAN) and other network related problems; provide technical expertise for performance and configuration of networks. Perform general LAN/MAN/WAN administration; provide technical leadership in the integration and test of complex large-scale computer integrated networks. Schedule conversions and cutovers. Oversee network control center. Supervise maintenance of systems. Coordinate with all responsible users and sites. Supervise staff.

## **Communications Software Specialist (Series AK)**

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Analyze network and computer communications software characteristics and recommend software procurement, removals, and modifications. Add, delete, and modify as required, host, terminal, and

network devices in light of discerned software needs/problems. Assist and coordinate with communications network specialists in the area of communications software.

### **Communications Specialist (Series AL)**

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Analyze network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput) and recommend procurement, removals, and modifications to network components. Design and optimize network topologies and site configurations. Plan installations, transitions, and cutovers of network components and capabilities. Coordinate requirements with users and suppliers.

### **Computer Data Librarian (Series AM)**

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Maintain library of media (tapes, diskettes, CD-ROMs, videos, CDs, cassettes) used to store record information or provide back-up for automatic data processing applications. Classify, catalog, and store items in accordance with standardized system. Issues media for processing on request. Maintain record of items received, stored, issued, and returned. Examine returned media for damage or excessive wear to determine if they need replacing.

### **Computer Scientist (Series AN)**

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Act as a senior consultant in complex or mission critical client requirements. Develop, modify, and apply computer modeling and programming applications to analyze and solve mathematical and scientific problems affecting system and program performance. Participate in all phases of scientific and engineering projects such as research, design, development, testing, modeling, simulating, training, and documentation.

### **Computer Security Systems Specialist (Series AO)**

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**Level I (AO01)** - Analyze and defines security requirements for Multilevel Security (MLS) issues. Design, develop, engineer, and implement solutions to MLS requirements. Gather and organize technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Perform risk analyses which also includes risk assessment.

**Level II (AO02)** - Analyze and defines security requirements for MLS issues. Design, develop, engineer, and implement solutions to MLS requirements. Guide effort to gather and organize technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Perform risk analyses which also includes risk assessment. Develop security standards.

**Level III (AO03)** - Design, develop, engineer, and implement solutions to MLS requirements. Perform complex risk analyses which also include risk assessment. Establish and satisfy information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands. Support customers at the highest levels in the development and implementation of doctrine and policies. Apply know-how to government and commercial common user systems, as well as to dedicated special purpose systems requiring specialized security features and procedures. Perform analysis, design, and development of security features for system architectures.

### **Computer Systems Analyst (Series AP)**

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**Level I (AP01)** - Analyze information requirements. Evaluate analytically and systematically problems of workflow, organization, and planning and assists Senior Computer Systems Analyst and Computer Systems Analyst develop appropriate corrective action. Help develop plans for automated information systems from project inception to conclusion. Define the problem, and develop system requirements and program specifications, from which programmers prepare detailed flow charts, programs, and tests. Under the supervision of a Senior Computer Systems Analyst or a Computer Systems Analyst, coordinate closely with programmers to ensure proper implementation of program and system specifications. Develop, in conjunction with functional users, system alternative solutions.

**Level II (AP02)** - Analyze and develop computer software possessing a wide range of capabilities, including numerous engineering, business, and records management functions. Develop plans for automated information systems from project inception to conclusion. Analyze user interfaces, maintain hardware and software performance tuning, analyze workload and computer usage, maintain interfaces with outside systems, analyze downtimes, and analyze proposed system modifications, upgrades and new COTS. Analyze the problem and the information to be processed. Define the problem, and develops system requirements and program specifications, from which programmers prepare detailed flow charts, programs, and tests. Coordinate closely with programmers to ensure proper implementation of program and system specifications. Develop, in conjunction with functional users, system alternative solutions.

**Level III (AP03)** - Provide technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Coordinate with the Project and/or Program Manager to ensure problem solution and user satisfaction. Make recommendations, if needed, for approval of major systems installations. Prepare milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives. Provide daily supervision and direction to support staff.

### **Configuration Management Specialist (Series AQ)**

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Provide configuration management planning. Describe provisions for configuration identification, change control, configuration status accounting, and configuration audits. Regulate the change process so that only approved and validated changes are incorporated into product documents and related software.

### **Cost Analyst (Series AR)**

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**Level I (AR01)** - Perform functional economic analysis to evaluate the costs of alternative ways to accomplish functional objectives, analyze investment costs, benefits, and risks as a net change to the functional baseline cost, and the cost of doing business now and in the future, ensuring that cross-functional, security, and other integration issues are addressed. Commensurate education and training.

**Level II (AR02)** - Perform complex functional economic analysis to evaluate the costs of alternative ways to accomplish functional objectives, analyze investment costs, benefits, and risks as a net change to the functional baseline cost, and the cost of doing business now and in the future, ensuring that cross-functional, security, and other integration issues are addressed. Commensurate education and training.

### **Data Entry Clerk (Series AS)**

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Perform data entry via on-line data terminal, key-to-tape, key-to-disk, or similar device. Verify data entered, where applicable.

### **Data Security Specialist (Series AT)**

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Provide support to plan, coordinate, and implement the organization's information security. Provide support for facilitating and helping agencies identify their current security infrastructure and define future programs, design and implementation of fire-wall and other related security issues on LANs/WANs. A working knowledge of several of the following areas is required: understanding of business security practices and procedures; knowledge of current security tools available; hardware/software firewalls and their implementation; different communication protocols; encryption techniques/tools; familiarity with commercial products (ex. - Domain Name Systems, public-key encryption technology, Smartcard, Cyberguard, TimeStep), and current Internet and electronic commerce technology.

### **Data Standardization Specialist (Series AU)**

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Provide technical support in the evaluation of prime object names, data elements, and other objects. Evaluate proposed objects and their attributes. Ensure that proposed object definitions are clear, concise, technically correct, and that they represent singular concepts. Ensure that the values of object

attributes and domains are accurate and correct. Ensure that the proposed objects are consistent with data and process models.

### **Database Administrator (Series AV)**

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Analyze database requirements of assigned projects. Analyze and determine information needs and elements, database relationships and attributes, proposed manipulation, data flow and storage requirements, and data output and reporting capabilities. Apply knowledge of database management systems to coordinate maintenance and changes to databases. Test and implement changes or new database designs. Write logical and physical database descriptions, including location, space, access method, and security requirements. Provide direction to programmers and analysts as required to affect changes to database management systems. Provide answers to database questions. Knowledge of and ability to monitor databases and to analyze and organize data and apply new technology designs and programs.

### **Database Management Specialist (Series AW)**

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**Level I (AW01)** – Provide administrative support specifically dedicated to the requirements of the project team. Perform data entry, queries data research and reports generation activities. Knowledge of relational database environment.

**Level II (AW02)** – Provide highly technical expertise in the use of DBMS. Evaluate and recommend available DBMS products to support validated user requirements. Define file organization, indexing methods, and security procedures for specific user applications. Test and assist in the implementation of changes or new database designs. Monitor database usage and statistics. Knowledge of relational database environment.

**Level III (AW03)** – Manage the development of data base projects. Plan and budget staff and data base resources. When necessary, reallocate resources to maximize benefits. Prepare and deliver presentations on DBMS concepts. Provide daily supervision and direction to support staff. Extensive knowledge of relational database environment.

### **Database Specialist (Series AX)**

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**These descriptions are similar in scope. The differences would be the type of education and experience required for the project or task complexity.**

**Level I (AX01)** – Evaluate and recommend available DBMS products to meet user requirements. Determine file organization, indexing methods, and security procedures for specific user application. Commensurate experience and education.

**Level II (AX02)** – Evaluate and recommend available DBMS products to meet user requirements. Determine file organization, indexing methods, and security procedures for specific user application. Commensurate experience and education.

**Level III (AX03)** – Evaluate and recommend available DBMS products to meet user requirements. Determine file organization, indexing methods, and security procedures for specific user application. Commensurate experience and education.

### **Data Warehousing Administrator (Series AY)**

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Coordinate the data administration technical function for both data warehouse development and maintenance. Facilitate change control, problem management, and communication among data architects, programmers, analysts, and engineers. Establish and enforce processes to ensure a consistent, well managed, and well integrated data warehouse infrastructure.

### **Data Warehouse Analyst (Series AZ)**

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Design, implement and support data warehousing. Implement business rules via stored procedures, middleware, or other technologies. Define user interfaces and functional specifications.

### **Data Warehouse Programmer (Series BA)**

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Provide product support and maintenance of the data warehouse. Perform data warehouse design and construction. Prepare/implement data verification and testing methods for the data warehouse.

### **Disaster Recovery Specialist (Series BB)**

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Previous experience in business recovery or disaster recovery planning required. General knowledge of business processes, management structures, and technology programs/platforms are preferred. Strong verbal and written communications skills are desirable. Provide support in the development of a government agencies emergency management and business recovery plans; perform functions pertaining to the agencies business risk assessments; review and develop business recovery strategies; draft procedures for identifying failures and invoking contingency plans; create response procedures and identifying communications channels; communicate with various response teams during testing and actual execution of recovery procedures. Support the design, development, installation, implementation and administration of backup solutions. Make recommendations to the user community and the operations group on system enhancements.

### **Document Control Specialist (Series BC)**

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**Level I (BC01)** - Track and maintain the location of records utilizing a personal computer based tracking system. Typically scan bar coded boxes and their locations, update tracking systems as required, archive records, ship and receive records, coordinate the pickup, storage, and delivery of records, perform records searches as requested by clients, maintain logs on the receipt and shipment of records, destroy and archive documents, and prepare periodic inventories of records. Work normally requires lifting boxes of medium weight throughout the day. Commensurate experience and education.

**Level II (BC02)** – Track and maintain the location of records utilizing a personal computer based tracking system. Typically scan bar coded boxes and their locations, update tracking systems as required, backup databases on a daily basis, archive records, ship and receive records, coordinate the pickup, storage, and delivery of records, monitor the movement of records through all tasks from initial receipt through final destruction or archiving, perform records searches as requested by clients, maintain logs on the receipt and shipment of records, destroy and archive documents, and prepare periodic inventories of records. Prioritize various tasks, interpret specific instructions, and apply creative problem solving techniques in a variety of situations. Work normally requires lifting boxes of medium weight throughout the day. Commensurate experience and education.

**Level III (BC03)** – Track and maintain the location of records utilizing a personal computer based tracking system. Typically scan bar coded boxes and their locations, update tracking systems as required, backup databases on a daily basis, archive records, ship and receive records, coordinate the pickup, storage, and delivery of records, monitor the movement of records through all tasks from initial receipt through final destruction or archiving, perform records searches as requested by clients, maintain logs on the receipt and shipment of records, destroy and archive documents, and prepare periodic inventories of records. Work normally requires lifting boxes of medium weight throughout the day. Prioritize various tasks, interpret specific instructions, and apply creative problem solving techniques in a variety of situations. May supervise other document center staff. Commensurate experience and education.

### **Document Support Specialist (Series BD)**

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**Level I (BD01)** – Edit, type, and prepare memoranda of a technical and/or managerial nature. Maintain logs relating to work in progress, meetings, etc. Prepare specialized communications, maintain logs on communications sent and received, arrange and log special shipments of records. Documentation will often involve flow diagrams, configuration drawings, functional systems flow diagrams, graphics, etc. Knowledge of the use of word processing software. Commensurate experience and education.

**Level II (BD02)** – Edit, type, and prepare memoranda of a technical and/or managerial nature. Maintain logs relating to work in progress, meetings, etc. Prepare specialized communications, maintain logs on communications sent and received, arrange and log special shipments of records. Documentation will often involve flow diagrams, configuration drawings, functional systems flow diagrams, graphics, etc. Knowledge of the use of word processing software and the use of advanced software features such as style sheets and macros. Commensurate experience and education.

### **Duplicating Machine Operator (Series BE)**

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Operate one or more photocopying office machines to make copies of documents such as letters, reports, directives, manuals, articles and bulletins. Operate small binding machines. Perform clerical duties associated with the request for printing and photographic services. Prepare assembly sheets and printing requisitions with specifications for printing and binding. Track work and deliver and pick up work. Perform minor repairs and preventive maintenance. Maintain an inventory of supplies and parts needed for reproduction equipment. Coordinate repairs with vendors. Demonstrated experience operating high speed copiers including the ability to coordinate tasks and maintain accountability for vital project functions.

### **Electronic Data Interchange (EDI) Specialist (Series BF)**

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Analyze, design, and develop specifications for enhancements and extensions with Electronic Data Interchange (EDI) application interfaces and maps. Coordinate EDI testing and trading partner implementation initiatives. Provide support for EDI database analysis, design, and operations. Establish and maintain communications within organization and with partners. Conduct and manage product evaluations. Provide product installation, configuration, and training. Perform systems maintenance to update records, specifications, and operating procedures of partner systems. Maintain EDI account transaction activities.

### **Electronic Meeting Technographer (Series BG)**

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Support the meeting facilitator or Data Modeler in preparing and conducting meetings, and in meeting follow-up activities. Manipulate on-line electronic meeting software, such as GroupSystems V, for Business Reengineering or Process Improvement sessions. Catalog, maintain, and distribute customer session data files.

### **Enterprise Resource Planning (ERP) Specialist (Series BH)**

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Adapt functional business requirements and processes to technical solutions based upon comprehensive enterprise application solution sets. Enterprise resource planning and management processes, include but are not limited to: knowledge management, investment analysis, data warehousing, ecommerce, return on investment analysis, human resource analysis, material management and logistics, supply chain management, procurement, ordering, manufacturing, decision support, and information dissemination.

### **Facilitator (Series BI)**

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Assist group members of teams formed in developing information system specifications and functionality to communicate their ideas, information, and opinions more effectively. Manage the team meetings and workshops. Keep the team focused on the subject at hand to achieve objectives. Assures discussions are brought to conclusion.

### **Financial Analyst - IT (Series BJ)**

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Typically determine the feasibility of automating government financial business practices. Support definition of government financial business practices and incorporate processes into an automated solution. Assist in applying sound accounting and data processing principles. Integrate government financial business practices. Identify potential problems and solutions through analysis and recommends solutions. Work with functional specialists, vendors, and customers to effectively automate requirements. Apply applications, while adhering to established accounting principles and practices.

### **Functional Analyst (Series BK)**

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**Level I (BK01)** – Analyze user needs to determine functional and cross-functional requirements. Perform functional allocation to identify required tasks and their interrelationships. Identify resources required for each task.

**Level II (BK02)** – Analyze user needs to determine functional and cross-functional requirements. Perform functional allocation to identify required tasks and their interrelationships. Identify resources required for each task. Provide daily supervision and direction to support staff.

### **General Clerk (Series BL)**

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**Level I (BL01)** – Perform simple repetitive tasks such as filing pre-coded documents in a chronological file or operating office equipment, e.g., photocopy, addressograph or mailing machine, microfilming, and electronic imaging. Normally requires an eye for detail in performing all document related tasks. Commensurate education and experience.

**Level II (BL02)** – Perform repetitive clerical steps performed in a prescribed or slightly varied sequence, such as coding and filing documents in an extensive alphabetical file, simple posting to individual accounts, opening mail, running mail through metering machines, and calculating and posting charges to departmental accounts. May have responsibility for preparing a variety of documents for microfilming and electronic imaging using written guidelines. Work requires an eye for detail in performing all document related tasks. Commensurate education and experience.

**Level III (BL03)** – Perform tasks that require the selection of the appropriate methods from a wide variety of procedures that may require an interpretation and/or adaptation of guidelines. The clerical steps often vary in type or sequence, depending on the task. Recognized problems are referred to others. Often required to assist less experienced staff in the performance of office procedures. Work requires an eye for detail in performing all document related tasks. Commensurate education and experience.

### **Geographic Information System (GIS) Specialist (Series BM)**

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Develop, maintain and update Geographic Information System (GIS) databases; obtain data from city, state, federal and private sources; receive and review maps, land parcel records and engineering documents. Identify pertinent GIS information and convert data into proper GIS formats. Ensure

accuracy and completeness; enter data into databases; and update essential GIS layers and databases. Create a variety of maps and GIS related documents. Provide expertise in GIS hardware and software products. Provide technical support to GIS users.

### **Graphical User Interface Designer (Series BN)**

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Provide specialized expertise in the design and layout of graphical user interfaces, particularly, screen layouts and functionality for client-server applications (e.g. Microsoft Windows presentation screens). Conduct studies, testing and evaluation of screen prototypes for functionality, ease of use, efficiency, and accuracy.

### **Graphics Specialist (Series BO)**

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Conceptualize, design, and develop a wide variety of information materials (technical, promotional, informational), such as forms, labels, brochures, meeting and conference handouts, slides, posters, and other presentation aids. Design other visuals such as logos, mastheads, and illustrations for articles in technical manuals, health journals, and other publications using advanced desktop publishing, page layout, and/or typesetting software to design and develop high quality textual and graphic compositions that communicate complex technical information. Develop systems for scheduling and tracking requests for graphics/artwork to insure timely and efficient completion of all work products.

### **Hardware Draftsman (Series BP)**

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Develop engineering drawings, using computer based drawing packages such as Aptitude. Develop engineering drawings for site plans, electrical interconnect, and mechanical plans for specialized hardware.

### **Hardware Installation Technician (Series BQ)**

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**Level I (BQ01)** – Conduct site surveys; assess and document current site network configuration and user requirements. Design and optimize network topologies. Analyze existing requirements and prepare specifications for hardware acquisitions. Prepare engineering plans and site installation Technical Design Packages. Develop hardware installation schedules. Prepare drawings documenting configuration changes at each site. Prepare site installation and test reports. Configure computers, communications devices, and peripheral equipment. Install network hardware. Train site personnel in proper use of hardware. Build specialized interconnecting cables.

**Level II (BQ02)** – Organize and direct hardware installations on site surveys. Assess and document current site network configuration and user requirements. Design and optimize network topologies. Analyze and develop new hardware requirements and prepare specifications for hardware acquisitions. Direct and lead preparation of engineering plans and site installation Technical Design Packages. Develop hardware installation schedules. Mobilize installation team. Direct and lead preparation of drawings documenting configuration changes at each site. Prepare site installation and test reports. Coordinate post installation operations and maintenance support.

### **Hardware Specialist - Information Technology (Series BR)**

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Review computer systems in terms of machine capabilities and man-machine interface. Prepare reports and studies concerning hardware. Prepare functional requirements and specifications for hardware acquisitions. Ensure that problems have been properly identified and solutions will satisfy the user's requirements.

### **Help Desk Manager (Series BS)**

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Provide daily supervision and direction to staff who are responsible for phone and in-person support to users in the areas of e-mail, directories, computer operating systems, desktop applications for all types of

computer systems, and applications developed or deployed under this contract. Serve as the first point of contact for troubleshooting hardware/software, all types of computer systems (PC and Mac), and printer problems.

### **Help Desk Specialist (Series BT)**

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Provide phone, email, web, and in-person support to users in the areas of e-mail, directories, computer operating systems, desktop applications for all types of computer systems, and applications developed or deployed under this contract. Serve as the first point of contact for troubleshooting hardware/software, all types of computer systems (PC and Mac), and printer problems.

### **Imaging Specialist/Technician (Series BU)**

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**Level I (BU01)** – Digitize images into databases for preservation and enhancement by imaging software. Use hardware and software to fine-tune original digital image for color and resolution and perform quality assurance. Store digital image files on various digital media. Maintain records of workflow, image creation and storage of digital files.

**Level II (BU02)** – Digitize images into databases for preservation and enhancement by imaging software. Use hardware and software to fine-tune original digital image for color and resolution and perform quality assurance. Store digital image files on various digital media. Maintain records of workflow, image creation and storage of digital files. Develop procedures for programming and execution of software to manipulate digital images.

**Level III (BU03)** – Digitize images into databases for preservation and enhancement by imaging software. Use hardware and software to fine-tune original digital image for color and resolution and perform quality assurance. Store digital image files on various digital media. Maintain records of workflow, image creation and storage of digital files. Develop procedures for programming and execution of software to manipulate digital images. Provide highly technical and specialized solutions to complex imaging problems. Perform analyses, studies, and reports related to imaging.

### **Informatic Specialist/Bioinformatician (Series BV)**

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Provide high level expertise in the application of technology to areas of interest to government health organizations including Medical Informatics or Public Health Informatics; statistics, bio-statistics, mathematics; specific tools and data resources relevant to the federal health mission including SAS, Epi Info, etc.; applying sound quantitative data and methods to support deployment of resources for massive public health surveillance, prevention and intervention campaigns and related health activities. Provide expertise across a wide variety of IT areas as applied to public health, including information retrieval technology, decision science, web technology, data mining, expert systems, networking, public health science, and education. Provide expertise in the integration of a variety of heterogeneous public health information systems and databases the sharing and dissemination of public health information; in the interaction of information security technology and the requirements for privacy and confidentiality of public health data; in the application of the HIPAA regulations to the use of information technology in public health; in new areas of interest to public health including the information available from managed care organizations; with national and/or international standards development activities such as HL7, X12, W3C; and in the application of advanced scientific visualization technology to public health science and practice.

### **Information Engineer (Series BW)**

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**Level I (BW01)** – Apply business process improvement practices to re-engineer methodologies/principles and business process modernization projects. Apply, as appropriate, activity and data modeling, transaction flow analysis, internal control and risk analysis and modern business methods and performance measurement techniques. Assist in establishing standards for information systems procedures. Develop and apply organization-wide information models for use in designing and building integrated, shared software and database management systems and data warehouses. Construct sound,

logical business improvement opportunities consistent with corporate Information Management guiding principles, cost savings, and open system architecture objectives.

**Level II (BW02)** – Apply an enterprise-wide set of disciplines for the planning, analysis, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develop analytical and computational techniques and methodology for problem solutions. Perform enterprise wide strategic systems planning, business information planning, business and analysis. Perform process and data modeling in support of the planning and analysis efforts using both manual and automated tools; such as Integrated Computer-Aided Software Engineering tools. Apply reverse engineering and re-engineering disciplines to develop migration strategic and planning documents. Provide technical guidance in software engineering techniques and automated support tools. Provide daily supervision and direction to staff.

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### **Information Resource Management Analyst (Series BX)**

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Ensures problem resolution and customer satisfaction for individual task orders. Perform technical and administrative efforts for tasks, including review of work products for correctness, compliance with industry-accepted standards, federal government legislative and regulatory requirements and user standards specified in task orders. Develop requirements of IT product/service (including specifications, feasibility studies, requirement analysis, etc.) from inception to conclusion on simple to complex projects.

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### **Information Systems Training Specialist (Series BY)**

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Provide support for coordinating, developing, and delivering computer-related training to the user community. Provide second level support and coordinate training with help desks. Provide standards, services, and guidance on IT related training programs that are designed to enable government agency personnel to use information technologies and systems more productively. Services include the development, delivery, and/or coordination of training courses and materials that address specific agency needs. Possess thorough knowledge of appropriate hardware and software (ex. - PCs, Microsoft (MS) Windows, MS Office, and applications such as from SAP and Peoplesoft). Understand computer functions and related technical terminology and how they are applied in everyday business situations. Possess exceptional interpersonal skills and superior oral and written communication skills.

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### **IT Policy/Legislative Specialist (Series BZ)**

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Assist in interpreting and implementing IT public policy initiatives. Typical support includes assistance with long-term strategy development, tracking legislation, and making policy recommendations. Meet with client often on a daily basis to relay progress and establish priorities.

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### **IT Strategic/Capital Planner (Series CA)**

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Provide strategic planning of large projects or a significant segment of a strategic planning portion of a large complex project. Provide the overall approach to clarify mission statements so they can be used as springboards in envisioning their desired future. Assist in developing mission and vision statements, subsequent goal delineation, provide guidance for building operational plans and specifying measurable outcomes to include capital outlay planning efforts in a consolidated strategic planning process and prioritizes those initiatives. Assist in preparation of key strategic planning documentation, including Office of Management and Budget (OMB) Form 300.

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### **Knowledge Management Specialist (Series CB)**

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Assist in the design, development, and implementation of Knowledge Management (KM) strategies. Apply expertise in KM tools and deploy information management and content management strategies and experience. Comprehend and recognize key barriers to KM behavioral change and develop effective change management programs. Analyze business processes, interview stakeholders, and evaluate strategic and IT plans to develop KM programs. Develop KM governance structures and processes for

implementing KM programs and systems and provide consulting thought leadership on current best practices in KM, portal design, and intellectual capital and content management.

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### **Librarian (Series CC)**

Maintain library collections of books, serial publications, documents, audiovisual, and other materials and assist groups and individuals in locating and obtaining materials. Furnish information on library activities, facilities, rules and services. Explain and assist in the use of reference sources, such as card or book catalog or book and periodical indexes to locate information. Issue and receive materials for circulation or use in library. Assemble and arrange displays of books and other library materials. Maintain reference and circulation materials. Answer correspondence on special reference subjects. Assist in the development of library policy and procedures. Plan, implement, evaluate services, and develop service standards.

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### **Librarian Technician (Series CD)**

Provide information service, such as answering questions regarding card catalogs, and assist in the use of bibliographic tools, such as Library of Congress catalog. Perform routine cataloging of library materials. File cards in catalog drawers according to system used. Answer routine inquiries, and refer people requiring professional assistance to the Librarian. Verify bibliographic information on order requests. Work or direct workers in maintenance of stacks or in section of department or division, such as ordering or receiving section of acquisitions department, card preparation activities in catalog department, or limited loan or reserve desk operation of circulation department.

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### **Medical Billing/Account Management Specialist (Series CE)**

Provide technical analysis and verify the accuracy of invoices to ensure that full and accurate services and features are as requested. Input and validate service orders. Analyze vendor invoices, customer inventories of service and equipment, and service orders to assure rates are correct and in compliance with quoted prices and dates of service. Reconcile invoice and inventory records, ensuring accuracy of International Statistical Classification of Diseases and Related Health Problems (ICD) codes, if necessary, and advise the customer of discrepancies that could affect payment of invoices. Operate and update various data bases relative to task order and inventory maintenance.

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### **Modeling and Simulation Specialist (Series CF)**

Specify, design, develop, implement, and support projects that focus on dynamic or static modeling and simulation. Provide expertise in the application of modeling and simulation to design, engineering analysis, and control applications.

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### **Network Administrator (Series CG)**

Support the installation, implementation, troubleshooting, and maintenance of agency wide-area networks (WANs) and local-area networks (LANs). Assist in designing and managing the WAN infrastructure and any processes related to the WAN. Provide Production Support of the Network, including: day-to-day operations, monitoring and problem resolution client Networks. Provide second level problem identification, diagnosis and resolution of problems. Support the dispatch of circuit and hardware vendors involved in the resolution process. Support the escalation and communication of status to agency management and internal customers. A working knowledge is desirable in various software systems and architectures, communications protocols: and network hardware devices.

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### **Network Draftsman (Series CH)**

Develop engineering drawings, using computer based drawing packages such as Aptitude. Develop engineering drawings for site plans, network configuration and design.

### **Network Installation Technician (Series CI)**

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**Level I (CI01)** – Conduct site surveys. Assess and document current site network configuration and user requirements. Design and optimize network topologies. Follow engineering plans and site installation Technical Design Packages. Develop installation schedules. Work with network installation team. Assist in the preparation of drawing and documenting configuration changes at each site. Prepare site installation and test reports.

**Level II (CI02)** – Organize and direct network installations on site surveys. Assess and document current site network configuration and user requirements. Design and optimize network topologies. Direct and lead preparation of engineering plans and site installation Technical Design Packages. Develop installation schedules. Mobilize network installation team. Direct and lead preparation of drawings documenting configuration changes at each site. Prepare site installation and test reports. Coordinate post installation operations and maintenance support.

### **Network Support Technician (Series CJ)**

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Provide support to monitor, install and perform maintenance on personal computers, laptop computers, software, and networks. Provide support in responding to system user requests for assistance. Provide support for on-the-spot diagnostic evaluations, implementation of corrections, and training users in proper operation of systems and programs. Provide support to: install and provide basic support for approved PC software; perform upgrades to all computer platforms, train office staff on computers, maintain logs and inventory of equipment repairs, assist in administering all computer platforms as directed and assist in resolving any operations problems. Support the agency LAN Administrator with server maintenance and administration. Require general knowledge of network products including, but not limited to, Novell, CISCO, and UNIX.

### **Operations Manager (Series CK)**

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Manage computer operations. Ensure production schedules are met. Ensures computer system resources are used effectively. Coordinate the resolution of production-related problems. Ensure proper relationships are established between customers, teaming partners, and vendors to facilitate the delivery of information technology services. Provide users with computer output. Supervise staff operations.

### **Procurement Product Specialist (Series CL)**

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Provide analysis, design, development, testing, and implementation of computer software in support of a range of functional and technical requirements to provide support for procurement software development tasks. Provide expertise in procurement processing to develop automated systems.

### **Program Administration Specialist (Series CM)**

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Assist in the preparation of management plans and reports. Coordinate schedules to facilitate completion of proposals, contract deliverables, task order review, briefings/presentations, and in-process review preparation. Perform analysis, development, and review of program administrative operating procedures.

### **Program Analyst (Series CN)**

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Provide analytical consultative services required to administer programs throughout all phases of business requirements analysis, software design, system and performance testing, and implementation. Analyze and review budget, schedule, and other program resources. Identify resource shortfalls and make corrective recommendations. Participate in analysis sessions to provide program requirements. Review the business and system, software and system integration requirements to ensure the requirements meet the program needs. Consider alternatives and develop recommendations. Identify, communicate and resolve risks. Identify and resolve issues to eliminate or mitigate the occurrence of consequences that may impact the

success of the project. Research and analyze resource material. Monitor system tests; reviews test results; identify project issues.

### **Program Manager (Series CO)**

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Serve as the program manager typically responsible for organizing, directing, and managing all aspects of contract operational support functions involving multiple complex and inter-related project tasks that often require managing teams of contractor personnel at multiple locations. Provide overall direction of program activities. Manage and maintain contractor interface with the senior levels of the customer's organization. Consult with customer and contractor personnel to formulate and review task plans and deliverables, ensuring conformance with program and project task schedules and costs and contractual obligations. Establish and maintain technical and financial reports to show progress of projects to management and customers, organize and assign responsibilities to subordinates, oversee the successful completion of all assigned tasks, and assume the initiative and provide support to marketing personnel in identifying and acquiring potential business.

### **Project Control Specialist (Series CP)**

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Direct all financial management and administrative activities, such as budgeting, manpower and resource planning and financial reporting. Perform complex evaluations of existing procedures, processes, techniques, models, and/or systems related to management problems or contractual issues, which would require a report and recommend solutions. Develop work breakdown structures, prepare charts, tables, graphs, and diagrams to assist in analyzing problems. Provide daily supervision and direction to staff.

### **Project Leader (Series CQ)**

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Consult in a specific functional area of project. Support the development of work plans to fulfill government requirements. Support formulation of milestone schedules or other documented plans. Commensurate education and experience.

### **Project Manager (Series CR)**

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**These descriptions are similar in scope. The differences would be the type of education and experience required for the project or task complexity.**

**Level I (CR01)** – Typically oversee all aspects of the project, leading a team on large projects or a significant segment of large and complex projects. Analyze new and complex project-related problems and create innovative solutions that normally involve the schedule, technology, methodology, tools, solution components, and financial management of the project. Provide applications systems analysis and long and short-range plans for application selection, systems development, systems maintenance, and production activities for necessary support resources. Commensurate experience and education for the specific level.

**Level II (CR02)** – Typically oversee all aspects of the project, leading a team on large projects or a significant segment of large and complex projects. Analyze new and complex project-related problems and create innovative solutions that normally involve the schedule, technology, methodology, tools, solution components, and financial management of the project. Provide applications systems analysis and long and short-range plans for application selection, systems development, systems maintenance, and production activities for necessary support resources. Commensurate experience and education for the specific level.

**Level III (CR03)** – Typically oversee all aspects of the project, leading a team on large projects or a significant segment of large and complex projects. Analyze new and complex project-related problems and create innovative solutions that normally involve the schedule, technology, methodology, tools, solution components, and financial management of the project. Provide applications systems analysis and long and short-range plans for application selection, systems development, systems maintenance, and production activities for necessary support resources. Commensurate experience and education for the specific level.

### **Public Health Analyst (Series CS)**

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Oversee and develop data management systems, including computer programs to monitor data quality, such as SAS, MS ACCESS, MS Excel, etc. Analyze data for reports, presentations and publications; assist in the review of study data for data quality; organize study files, including data and correspondence files using common word processing software; perform scientific, medical and research literature searches and prepare slides for scientific presentations.

### **Quality Assurance Analyst (Series CT)**

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Provide technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, review of program documentation to assure government standards/requirements are adhered to, and for progress in accordance with schedules. Coordinate with the Project Manager and/or Quality Assurance Manager to ensure that problems are solved to the user's satisfaction. Make recommendations, if needed, for approval of major systems installations. Prepare milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives.

### **Quality Assurance Manager (Series CU)**

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Establish and maintain a process for evaluating software and associated documentation. Determine the resources required for quality control. Maintain the level of quality throughout the software life cycle. Conduct formal and informal reviews at pre-determined points throughout the development life cycle. Provide daily supervision and direction to support staff.

### **Quality Assurance Specialist (Series CV)**

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Develop and implement quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures in a large computer-based organization. Develop and define major and minor characteristics of quality including quality metrics and scoring parameters and determines requisite quality control resources for an actual task order. Establish and maintain a process for evaluating hardware, software, and associated documentation and/or assist in the evaluation. Conduct and/or participate in formal and informal reviews at pre-determined points throughout the development life cycle.

### **Records Management Specialist (Series CW)**

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Coordinate and track document requests following the guidance of the National Archives and Records Administration (NARA) and Federal Records Center (FRC). Coordinate classification reviews as required. Submit documents and track in a database. Answer customer requests for documents or assistance. Prepare expired records for destruction. Record receipt and storage including indexing. Populate databases. Perform database queries. Perform quality control of box contents. Perform inventory reconciliations. Provide classified mail services if required.

### **Scanner Operator (Series CX)**

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Operate high-speed scanner or cameras and personal computers to perform imaging or microfilming following established, written procedures. Perform daily, weekly, and monthly maintenance routines including minor repair service on cameras. Meet daily production goals and quality standards. Commensurate experience and education.

### **Scientific Data Analyst (Series CY)**

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Provide high level expertise in applicable public health disciplines to collect, abstract, code, analyze, or interpret scientific data contained within information systems and databases related to public health.

## **Subject Matter Expert (Series CZ)**

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**Level I (CZ01)** – Provide technical knowledge and analysis of highly specialized applications and operational environment, high-level functional systems analysis, design, integration, documentation and implementation advice on moderately complex problems that require an appropriate level of knowledge of the subject matter for effective implementation. Apply principles, methods and knowledge of the functional area of capability to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. Assist other senior consultants with analysis and evaluation and with the preparation of recommendations for system improvements, optimization, development, and/or maintenance efforts in the following specialties: information systems architecture, networking; telecommunications, automation; communications protocols, risk management/electronic analysis, software; lifecycle management, software development methodologies, and modeling and simulation. Commensurate experience in IT and in new and related older technology that directly relates to the required area of expertise.

**Level II (CZ02)** – Analyze user needs to determine functional requirements and define problems and develop plans and requirements in the subject matter area for moderately complex to complex systems related to information systems architecture, networking; telecommunications, automation, communications protocols, risk management/electronic analysis, software, lifecycle management, software development methodologies, and modeling and simulation. Perform functional allocation to identify required tasks and their interrelationships. Identify resources required for each task. Possess requisite knowledge and expertise so recognized in the professional community that the government is able to qualify the individual as an expert in the field for an actual task order. Demonstrate exceptional oral and written communication skills. Commensurate experience in IT and in new and related older technology that directly relates to the required area of expertise.

**Level III (CZ03)** – Provide technical, managerial, and administrative direction for problem definition, analysis, requirements development, and implementation for complex to extremely complex systems in the subject matter area. Make recommendations and advise on organization-wide system improvements, optimization or maintenance efforts in the following specialties: information systems architecture; networking; telecommunications; automation; communications protocols; risk management/electronic analysis; software; lifecycle management; software development methodologies; and modeling and simulation. Commensurate experience in IT and in new and related older technology that directly relates to the required area of expertise.

## **System Administrator (Series DA)**

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**Level I (DA01)** – Assist with the daily activities of configuration and operation of systems which may be mainframe, mini, or client/server based. Assist with the optimizing of system operation and resource utilization, and perform system capacity analysis and planning. Provide assistance to users in accessing and using business systems. Commensurate experience and education.

**Level II (DA02)** – Perform the daily activities of configuration and operation of systems which may be mainframe, mini, or client/server based. Perform the optimizing of system operation and resource utilization, and perform system capacity analysis and planning. Provide assistance to users in accessing and using business systems. Commensurate experience and education.

**Level III (DA03)** – Supervise and manage the daily activities of configuration and operation of systems which may be mainframe, mini, or client/server based. Plan and monitor the optimizing of system operation and resource utilization, and perform systems capacity analysis and planning. Plan and monitor assistance to users in accessing and using business systems. Commensurate experience and education.

## **Systems Architect (Series DB)**

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**Level I (DB01)** – Establish system information requirements using analysis of the information engineer(s) in the development of enterprise-wide or large-scale information systems. Design architecture to include

the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensure these systems are compatible and in compliance with the standards for open systems architectures, the Open Systems Interconnection (OSI) and ISO reference models, and profiles of standards - such as Institute of Electrical and Electronic Engineers (IEEE) Open Systems Environment (OSE) reference model - as they apply to the implementation and specification of information management solution of the application platform, across the Application Program Interface (API), and the external environment/software application. Ensure that the common operating environment is compliant with the Agency enterprise architecture and applicable reference models. Evaluate analytically and systematically problems of workflows, organization, and planning and develop appropriate corrective action. Provide daily supervision and direction to staff.

**Level II (DB02)** – Establish system information requirements using analysis of the information engineer(s) in the development of enterprise-wide or large-scale information systems. Design architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensure these systems are compatible and in compliance with the standards for open systems architectures, the OSI and ISO reference models, and profiles of standards - such as IEEE OSE reference model - as they apply to the implementation and specification of information management solution of the application platform, across the API, and the external environment/software application. Ensure that the common operating environment is compliant with the Agency enterprise architecture and applicable reference models. Evaluate analytically and systematically problems of workflows, organization, and planning and develop appropriate corrective action. Provide daily supervision and direction to staff.

### **Systems Engineer (Series DC)**

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**Level I (DC01)** – Perform additions and changes to network hardware and operating systems, and attached devices; include investigation, analysis, recommendation, configuration, installation, and testing of new network hardware and software. Provide direct support in the day-to-day operations on network hardware and operating systems, including the evaluation of system utilization, monitoring response time and primary support for detection and correction of operational problems using knowledge of hardware and software installation and maintenance in a PC/LAN\_WAN environment. Maintain network infrastructure standards including network communication protocols such as TCP Transport Control Protocol/Internet Protocol (TCP/IP).

**Level II (DC02)** – Coordinate and/or perform additions and changes to network hardware and operating systems, and attached devices; includes investigation, analysis, recommendation, configuration, installation, and testing of new network hardware and software. Provide direct support in the day-to-day operations on network hardware and operating systems, including the evaluation of system utilization, monitoring response time and primary support for detection and correction of operational problems. Troubleshoot at the physical level of the network, working with network measurement hardware and software, as well as physical checking and testing of hardware devices at the logical level working with communication protocols. Maintain network infrastructure standards including network communication protocols such as TCP/IP. Provide technical consultation, training and support to IT staff as designated by the government.

**Level III (DC03)** – Supervise, coordinate and/or perform additions and changes to network hardware and operating systems, and attached devices; including investigation, analysis, recommendation, configuration, installation, and testing of new network hardware and software. Provide direct support in the day-to-day operations on network hardware and operating systems including the evaluation of system utilization, monitoring response time and primary support for detection and correction of operational problems. Troubleshoot at the physical level of the network, working with network measurement hardware and software, as well as physical checking and testing of hardware devices at the logical level working with communication protocols. Participate in planning design, technical review and implementation for new network infrastructure hardware and network operating systems for voice and data communication networks. Maintain network infrastructure standards including network communication protocols such as TCP/IP. Provide technical consultation, training and support to IT staff as designated by the government. Diagnose and resolve complex communication problems.

### **System Operator (Series DD)**

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Monitor and support computer processing. Coordinate input, output, and file media. Distribute output and controls computer operation that may be mainframe, mini, or client/server based.

### **System Programmer (Series DE)**

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Create and/or maintain operating systems, communications software, data base packages, compilers, assemblers, and utility programs. Modify existing software as well as create special-purpose software to ensure efficiency and integrity between systems and applications.

### **Technical Writer/Editor (Series DF)**

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**These descriptions are similar in scope. The differences would be the type of education and experience required for the project or task complexity.**

**Level I (DF01)** – Assist in writing and/or editing technical documents, including business proposals, reports, user manuals, briefings and presentations, functional descriptions, system specifications, guidelines, special reports, and other project deliverables to meet contract requirements. Develop outlines and drafts for review and approval by technical specialists and project management ensuring that final documents meet applicable contract requirements and regulations. Research and gather technical and background information for inclusion in project documentation and deliverables. Consult relevant information sources, including library resources, technical and financial documents, and client and project personnel, to obtain background information, and verify pertinent guidelines and regulations governing project deliverables. Commensurate experience, education, and level of supervision and direction.

**Level II (DF02)** – Write and/or edit technical documents, including business proposals, reports, user manuals, briefings and presentations, functional descriptions, system specifications, guidelines, special reports, and other project deliverables to meet contract requirements. Develop outlines and drafts for review and approval by technical specialists and project management ensuring that final documents meet applicable contract requirements and regulations. Research and gather technical and background information for inclusion in project documentation and deliverables. Consult relevant information sources, including library resources, technical and financial documents, and client and project personnel, to obtain background information, and verify pertinent guidelines and regulations governing project deliverables. Commensurate experience, education, and level of supervision and direction.

**Level III (DF03)** – Write and/or edit technical documents, including business proposals, reports, user manuals, briefings and presentations, functional descriptions, system specifications, guidelines, special reports, and other project deliverables to meet contract requirements. Develop outlines and drafts for review and approval by technical specialists and project management ensuring that final documents meet applicable contract requirements and regulations. Research and gather technical and background information for inclusion in project documentation and deliverables. Consult relevant information sources, including library resources, technical and financial documents, and client and project personnel, to obtain background information, and verify pertinent guidelines and regulations governing project deliverables. Commensurate experience, education, and level of supervision and direction.

### **Telecommunications Engineer (Series DG)**

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**Level I (DG01)** – Provide support in the translation of business requirements into telecommunications requirements, designs and orders. Provide in-depth engineering analysis of telecommunications alternatives for government agencies in support of their strategic modernization efforts. Provide telecommunications enhancement designs for medium and large-scale telecommunication infrastructures. Provide interface support to telecommunications end users, telecommunications operations personnel, and telecommunications strategic program management. Support telecommunications infrastructure using technology, and telecommunications engineering best practices; Transport Control Protocol / Internet Protocol (TCP/IP), routing protocols, LAN switching, Internet and Intranet systems, and Simple Network Management Protocol (SNMP) based network management systems. Lead design efforts that require in-depth technical knowledge of both wide area and local area

communications. Analyze network performance with tools such as Sniffers, Concord Network Health, or Network Informant; network management tools such as Hewlett Packard Openview or Tivoli; the conduct of capacity planning and performance engineering; modeling and simulation tools such as COMNET III, Netmaker Mainstation, NetRule, or OPNET products. Perform comparative analysis of systems and designs based on merit and cost (in terms of capital and ongoing operations); and/or engineering economics (engineering-related cost benefit analysis).

**Level II (DG02)** – Manage the translation of business requirements into telecommunications requirements, designs and orders. Provide in-depth engineering analysis of telecommunications alternatives for government agencies in support of their strategic modernization efforts. Provide telecommunications enhancement designs for medium and large-scale telecommunication infrastructures. Provide interface support to telecommunications end users, telecommunications operations personnel, and telecommunications strategic program management. Support telecommunications infrastructure using technology, and telecommunications engineering best practices; Transport Control Protocol / Internet Protocol (TCP/IP), routing protocols, LAN switching, Internet and Intranet systems, and Simple Network Management Protocol (SNMP) based network management systems. Lead design efforts that require in-depth technical knowledge of both wide area and local area communications. Analyze network performance with tools such as Sniffers, Concord Network Health, or Network Informant; network management tools such as Hewlett Packard Openview or Tivoli; the conduct of capacity planning and performance engineering; modeling and simulation tools such as COMNET III, Netmaker Mainstation, NetRule, or OPNET products. Perform comparative analysis of systems and designs based on merit and cost (in terms of capital and ongoing operations); and/or engineering economics (engineering-related cost benefit analysis). May provide daily supervision and direction to support staff.

### **Telecommunications Specialist (Series DH)**

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**Level I (DH01)** – Assist senior personnel in formulating and developing communications requirements and design standards. Perform complex studies to determine networking capacities and reliability, and make recommendations to augment and/or enhance existing communications networks. Provide technical problem diagnoses and resolution support for all associated subsystems, including line monitoring, modem loop-back tests, LAN performance monitoring and terminal failure determination. Provide hardware and software installation and configuration support. Commensurate experience and education.

**Level II (DH02)** – Formulate and develop communications requirements and design standards. Perform complex studies to determine networking capacities and reliability, and make recommendations to augment and/or enhance existing communications networks. Provide technical problem diagnoses and resolution support for all associated subsystems, including line monitoring, modem loop-back tests, LAN performance monitoring and terminal failure determination. Provide hardware and software installation and configuration support. Commensurate experience and education.

### **Test Engineer (Series DI)**

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Evaluate, recommend, and implement automated test tools and strategies. Design, implement, and conduct test and evaluation procedures to ensure system requirements are met. Develop, maintain, and upgrade automated test scripts and architectures for application products. Write, implement, and report status for system test cases for testing. Analyze test cases and provide regular progress reports. Serve as subject matter specialist providing testing know-how for the support of user requirements of complex to highly complex software/hardware applications. Direct and/or participate in all phases of risk management assessments and software/hardware development with emphasis on analysis of user requirements, test design and test tools selection.

### **Training Manager (Series DJ)**

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Provide leadership and management for training tasks that are being performed by the contractor. Prepare training documents and services that are required to support training

requirements drawing input from the researchers, test engineers, systems analysts, training specialists, logisticians, and the government and applying customer training policies. Supervise the activity of the Training Specialist(s). Maintain contact with the customer to insure that the training meets their needs.

### **Training Specialist (Series DK)**

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**Level I (DK01)** – Conduct the research necessary to develop and revise training courses. Develop and revise courses and prepare appropriate training catalogs. Prepare student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Train personnel by conducting formal classroom courses, workshops and seminars. Prepare reports and monitor training tasks in support of the goals of the Contractor Program Manager and the government sponsor(s) using standard training standards and software and hardware programs such as modeling and simulation and prototyping efforts. Provide input to the Project Lead and the Contractor Program Manager on which decisions for training validation and or modifications of specified items or systems can be corrected. Commensurate education and experience.

**Level II (DK02)** – Conduct the research necessary to develop and revise training courses. Develop and revise courses and prepare appropriate training catalogs. Prepare instructor materials (course outline, background material, and training aids). Prepare student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Train personnel by conducting formal classroom courses, workshops and seminars. Prepare reports and monitor training tasks in support of the goals of the Contractor Program Manager and the government sponsor(s) using standard training standards and software and hardware programs such as modeling and simulation and prototyping efforts. Provide input to the Project Lead and the Contractor Program Manager on which decisions for training validation and or modifications of specified items or systems can be corrected. Commensurate education and experience.

### **Web Content Administrator (Series DL)**

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Provide support for developing and providing Agency Web-site content that will motivate and satisfy government and civilian users' needs so that they will regularly access the site and utilize it as a major source for information, decision making and benefits delivery. Provide support for maintaining civil service handbook and policies/procedures on the agency Web; assisting in developing agency newsletter and civilian benefits communications; recommending new and innovative web uses as well as training and educating employees on the use and benefits of using the Web. Provide support in the location and pursuit of content and surveying internal customers to gather feedback for site improvement and enhancements. A working knowledge of several of the following are required: English (or Spanish), Journalism, graphic design or a related field, Web-site management, web servers, intranet site structures, and Web-related software (ex. - MS FrontPage, Dream Weaver, Access, HyperText Markup Language (HTML), and Web 2.0 software such as wikis, portals, and Microsoft Sharepoint).

### **Web Designer (Series DM)**

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Provide support in upgrading, maintaining and creating content for Agency web-site under the guidance of Web Project Manager. Provide day-to-day site design and creation. Experience in web design and development using HTML and Java is required. Provide on-the-job training for the development, maintenance, and updating of Web pages. Must have good communication skills and the ability to work with all levels of management and technical personnel. Must possess a working knowledge of browsers, editors, graphic design software (e.g., PhotoShop, Illustrator). Experience with animation software and image optimization is desirable.

### **Web Project Manager (Series DN)**

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Provide support in managing the development of agency Web sites. Lead team of Content Administrators, Software Developers and Designers. Preference for project management skills Web development skills. Provide leadership to a team to gather/analyze client requirements, write/edit web copy, work with internal/external resources on design, coordinate with IT Services on development, and work with Legal/Regulatory on content approvals; coordinate/document all aspects of the project; develop/manage client request/review process; track all requests/changes; and adhere to a project timeline.

### **Web Software Developer (Series DO)**

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Provide support to develop Web based applications including on line customer service to transform government agencies to be able to deliver their services on line. Provide support in developing the site concept, interface design, and architecture of the web-site. Provide support for the implementation of interfaces to applications. Working knowledge and experience coding in Java is required. Knowledge of several of the following areas is desirable: Active Server Pages, JavaScript, Visual Basic, JavaScript, Access, HTML, DBMS's (ex. - Oracle, Sybase, etc.) and knowledge of SQL in SQL server.

### **Webmaster (Series DP)**

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Gather requirements for Web sites using graphics software applications, techniques, and tools. Update Web sites using graphics software applications, techniques, and tools using knowledge of web-based technologies and of XML, HTML, Photoshop, Illustrator, and/or other design-related applications. Support design group efforts to enhance look and feel of organization online offerings. Upgrade Web site to support organization strategies and goals relative to external communications.

### **Wide Area Network Administrator (Series DQ)**

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Maintain efficient functional systems, networks and communication connectivity for all users, keeping current on new developments for all assigned areas, including continually performing feasibility studies on how new products/technology would fit into existing system/WAN/LAN infrastructures and developing implementation plans for the changes/upgrades. Analyze, plan (including long-range planning), test, implement and trouble shoot systems, wide area network and communications network systems.

## **Attachment J.7 List of Acronyms (22-May-12)**

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<b>API</b>	<b>Application Program Interface</b>
<b>CAF</b>	<b>Contract Access Fee</b>
<b>CAS</b>	<b>Cost Accounting Standard</b>
<b>CCR</b>	<b>Central Contractor Registration</b>
<b>CFR</b>	<b>Code of Federal Regulations</b>
<b>CIO</b>	<b>Chief Information Officer</b>
<b>CIO-SP3</b>	<b>Chief Information Officer – Solutions and Partners 3</b>
<b>CLIN</b>	<b>Contract Line Item Number</b>
<b>CMMI</b>	<b>Capability Maturity Model Integration</b>
<b>CO</b>	<b>Contracting Officer</b>
<b>CONUS</b>	<b>Contiguous United States</b>
<b>COR</b>	<b>Contracting Officer’s Representative</b>
<b>COTR</b>	<b>Contracting Officer’s Technical Representative (also known as COR = Contracting Officer’s Representative)</b>
<b>CPAF</b>	<b>Cost-Plus-Award-Fee</b>
<b>CPAR</b>	<b>Contractor Performance Assessment Report</b>
<b>CPFF</b>	<b>Cost-Plus-Fixed-Fee</b>
<b>CPIF</b>	<b>Cost-Plus-Incentive-Fee</b>
<b>CR</b>	<b>Cost-Reimbursement</b>
<b>CTA</b>	<b>Contractor Team Arrangement</b>
<b>DBA</b>	<b>Defense Base Act</b>
<b>DBMS</b>	<b>Data Base Management System</b>
<b>DCAA</b>	<b>Defense Contract Audit Agency</b>
<b>DD</b>	<b>Prefix to Department of Defense Forms</b>
<b>DFARS</b>	<b>Defense Federal Acquisition Regulation Supplement</b>
<b>DOD</b>	<b>Department of Defense</b>
<b>DSSR</b>	<b>Department of State Standardized Regulations</b>
<b>DUNS</b>	<b>Data Universal Numbering System</b>
<b>e-GOS</b>	<b>Electronic Government Ordering System</b>
<b>EPEAT</b>	<b>Electronic Products Environmental Assessment Tool</b>
<b>ERP</b>	<b>Enterprise Resource Planning</b>
<b>EFT</b>	<b>Electronic Funds Transfer</b>
<b>EVMS</b>	<b>Earned Value Management System</b>
<b>FAR</b>	<b>Federal Acquisition Regulation</b>
<b>FEA</b>	<b>Federal Enterprise Architecture</b>

<b>FFP</b>	<b>Firm-Fixed-Price</b>
<b>FHA</b>	<b>Federal Health Architecture</b>
<b>FIPS PUB</b>	<b>Federal Information Processing Standards Publication</b>
<b>FISMA</b>	<b>Federal Information Security Management Act</b>
<b>FOI</b>	<b>Freedom of Information</b>
<b>GAO</b>	<b>Government Accountability Office</b>
<b>GFE</b>	<b>Government-Furnished Equipment</b>
<b>GFI</b>	<b>Government-Furnished Information</b>
<b>GIS</b>	<b>Geographic Information System</b>
<b>GWAC</b>	<b>Government-wide Acquisition Contract</b>
<b>HHS</b>	<b>Department of Health and Human Services</b>
<b>HHSAR</b>	<b>HHS Acquisition Regulation</b>
<b>HSPD</b>	<b>Homeland Security Presidential Directive</b>
<b>HTML</b>	<b>HyperText Markup Language</b>
<b>HUBZone</b>	<b>Historically Underutilized Business Zones</b>
<b>IA</b>	<b>Information Assurance</b>
<b>IBR</b>	<b>Integrated Baseline Review [found in contract clause(s) only]</b>
<b>ICs</b>	<b>Institutes and Centers (of the NIH)</b>
<b>ID/IQ</b>	<b>Indefinite Delivery/Indefinite Quantity</b>
<b>IEEE</b>	<b>Institute of Electrical and Electronic Engineers</b>
<b>IG</b>	<b>Inspector General</b>
<b>ISO</b>	<b>International Organization for Standardization</b>
<b>ISSO</b>	<b>Information Systems Security Officer</b>
<b>IT</b>	<b>Information Technology</b>
<b>IT-SC&amp;A</b>	<b>Information Technology Security Certification and Accreditation</b>
<b>IT-RA</b>	<b>Information Technology Risk Assessment</b>
<b>IT-SP</b>	<b>Information Technology Security Plan</b>
<b>KM</b>	<b>Knowledge Management</b>
<b>LAN</b>	<b>Local-Area Network</b>
<b>MAN</b>	<b>Metropolitan-Area Network</b>
<b>MLS</b>	<b>Multilevel Security</b>
<b>MS</b>	<b>Microsoft</b>
<b>NAICS</b>	<b>North American Industry Classification System</b>
<b>NIH</b>	<b>National Institutes of Health</b>
<b>NIST</b>	<b>National Institutes of Standards and Technology</b>
<b>NITAAC</b>	<b>NIH Information Technology Acquisition and Assessment Center</b>
<b>OCO</b>	<b>Ordering Contracting Officer</b>

<b>OCONUS</b>	<b>Outside of the Continental United States</b>
<b>ODC</b>	<b>Other Direct Cost</b>
<b>OFCCP</b>	<b>Office of Federal Contract Compliance Programs</b>
<b>O&amp;M</b>	<b>Operations and Maintenance</b>
<b>OMB</b>	<b>Office of Management and Budget</b>
<b>ORCA</b>	<b>Online Representations and Certifications Application</b>
<b>OSE</b>	<b>Open Systems Environment</b>
<b>OSI</b>	<b>Open Systems Interconnection</b>
<b>PC</b>	<b>Personal Computer</b>
<b>PCO</b>	<b>Procuring Contracting Officer</b>
<b>PPIRS</b>	<b>Past Performance Information Retrieval System</b>
<b>PRM</b>	<b>Performance Reference Model</b>
<b>RFQ</b>	<b>Request for Quote</b>
<b>RFP</b>	<b>Request for Proposal</b>
<b>SBA</b>	<b>Small Business Administration</b>
<b>SDB</b>	<b>Small Disadvantaged Business</b>
<b>SDVOSB</b>	<b>Service Disabled Veteran-Owned Small Business</b>
<b>SF</b>	<b>Standard Form</b>
<b>SNMP</b>	<b>Simple Network Management Protocol</b>
<b>SOW</b>	<b>Statement of Work</b>
<b>TCP/IP</b>	<b>Transport Control Protocol / Internet Protocol</b>
<b>T&amp;M</b>	<b>Time-and-Materials</b>
<b>TO</b>	<b>Task Order</b>
<b>VOSB</b>	<b>Veteran-Owned Small Business</b>
<b>WAN</b>	<b>Wide-Area Network</b>
<b>WOSB</b>	<b>Woman-Owned Small Business</b>

Attachment J.8 Sample Report Templates (see Article C.3) (22-May-12)

1. QUARTERLY SALES REPORT (C.3.1)

Contractor's Name  
CIO-SP3

Quarterly Sales Report

Period Covered - From: mm/dd/yyyy To: mm/dd/yyyy

NITAAC Tracking Number	Period of Performance		Ordering Agency	TO Type	TO Award Ceiling (\$)	TO Funded Value (\$) (less CAF)	Contract Access Fee (\$)	Total	Change in TO Funded Values Since Previous Report (\$)	Comments
	Start	End								
C-XXXX										
<b>TOTAL</b>										

TO: Task Order

2. MONTHLY CHECK REPORT (C.3.2)

**Contractor's Name**  
**CIO-SP3**  
**Monthly Check Report**  
 Period Covered From: mm/dd/yyyy To: mm/dd/yyyy

Check Number: \_\_\_\_\_  
 Check Date: \_\_\_\_\_  
 Check Amount: \_\_\_\_\_

NITAAC Tracking Number	Date of Order	Ordering Agency	Funded Sales	Access Fee	Amount Applied
<b>Total</b>			\$	\$	\$

# Attachment J.1

ITEM	DESCRIPTION	U/M	Contract Year											
			1	2	3	4	5	6	7	8	9	10		
	<b>Escalation rate</b>			<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>
0001 AA01	Administrative Assistant – Level I	HR	\$ 32.34	\$ 33.31	\$ 34.31	\$ 35.34	\$ 36.40	\$ 37.49	\$ 38.62	\$ 39.77	\$ 40.97	\$ 42.20	\$ 43.47	\$ 44.74
0001 AA02	Administrative Assistant – Level II	HR	\$ 45.62	\$ 46.99	\$ 48.40	\$ 49.85	\$ 51.35	\$ 52.89	\$ 54.47	\$ 56.11	\$ 57.79	\$ 59.52	\$ 61.29	\$ 63.06
0001 AB01	Application Engineer – Level I	HR	\$ 89.75	\$ 92.44	\$ 95.22	\$ 98.07	\$ 101.01	\$ 104.04	\$ 107.17	\$ 110.38	\$ 113.69	\$ 117.10	\$ 120.61	\$ 124.22
0001 AB02	Application Engineer – Level II	HR	\$ 100.36	\$ 103.37	\$ 106.47	\$ 109.67	\$ 112.96	\$ 116.34	\$ 119.84	\$ 123.43	\$ 127.13	\$ 130.95	\$ 134.87	\$ 138.89
0001 AC01	Application Programmer – Level I	HR	\$ 73.96	\$ 76.18	\$ 78.46	\$ 80.82	\$ 83.24	\$ 85.74	\$ 88.31	\$ 90.96	\$ 93.69	\$ 96.50	\$ 99.36	\$ 102.27
0001 AC02	Application Programmer – Level II	HR	\$ 93.61	\$ 96.42	\$ 99.31	\$ 102.29	\$ 105.36	\$ 108.52	\$ 111.78	\$ 115.13	\$ 118.58	\$ 122.14	\$ 125.80	\$ 129.56
0001 AC03	Applications Programmer – Level III	HR	\$ 112.02	\$ 115.38	\$ 118.84	\$ 122.41	\$ 126.08	\$ 129.86	\$ 133.76	\$ 137.77	\$ 141.90	\$ 146.16	\$ 150.56	\$ 155.11
0001 AD00	Application Systems Analyst	HR	\$ 93.53	\$ 96.34	\$ 99.23	\$ 102.20	\$ 105.27	\$ 108.43	\$ 111.68	\$ 115.03	\$ 118.48	\$ 122.04	\$ 125.71	\$ 129.48
0001 AE00	Biochemist	HR	\$ 129.60	\$ 133.49	\$ 137.49	\$ 141.62	\$ 145.87	\$ 150.24	\$ 154.75	\$ 159.39	\$ 164.17	\$ 169.10	\$ 174.18	\$ 179.36
0001 AF01	Business Analyst – Level I	HR	\$ 77.93	\$ 80.27	\$ 82.68	\$ 85.16	\$ 87.71	\$ 90.34	\$ 93.05	\$ 95.84	\$ 98.72	\$ 101.68	\$ 104.71	\$ 107.81
0001 AF02	Business Analyst – Level II	HR	\$ 95.25	\$ 98.11	\$ 101.05	\$ 104.08	\$ 107.20	\$ 110.42	\$ 113.73	\$ 117.15	\$ 120.66	\$ 124.28	\$ 128.01	\$ 131.81
0001 AF03	Business Analyst – Level III	HR	\$ 112.58	\$ 115.96	\$ 119.44	\$ 123.02	\$ 126.71	\$ 130.51	\$ 134.43	\$ 138.46	\$ 142.61	\$ 146.89	\$ 151.28	\$ 155.81
0001 AG01	Business Process Reengineering Specialist – Level I	HR	\$ 72.89	\$ 75.08	\$ 77.33	\$ 79.65	\$ 82.04	\$ 84.50	\$ 87.03	\$ 89.65	\$ 92.33	\$ 95.10	\$ 97.93	\$ 100.81
0001 AG02	Business Process Reengineering Specialist – Level II	HR	\$ 104.27	\$ 107.40	\$ 110.62	\$ 113.94	\$ 117.36	\$ 120.88	\$ 124.50	\$ 128.24	\$ 132.09	\$ 136.05	\$ 140.14	\$ 144.35
0001 AG03	Business Process Reengineering Specialist – Level III	HR	\$ 116.60	\$ 120.10	\$ 123.70	\$ 127.41	\$ 131.23	\$ 135.17	\$ 139.23	\$ 143.40	\$ 147.71	\$ 152.14	\$ 156.71	\$ 161.41
0001 AH00	Chief Information Security Officer	HR	\$ 131.53	\$ 135.48	\$ 139.54	\$ 143.73	\$ 148.04	\$ 152.48	\$ 157.05	\$ 161.77	\$ 166.62	\$ 171.62	\$ 176.71	\$ 181.93
0001 AI00	Communications Hardware Specialist	HR	\$ 62.93	\$ 64.82	\$ 66.76	\$ 68.77	\$ 70.83	\$ 72.95	\$ 75.14	\$ 77.40	\$ 79.72	\$ 82.11	\$ 84.56	\$ 87.06
0001 AJ00	Communications Network Manager	HR	\$ 93.91	\$ 96.73	\$ 99.63	\$ 102.62	\$ 105.70	\$ 108.87	\$ 112.13	\$ 115.50	\$ 118.96	\$ 122.53	\$ 126.22	\$ 130.00
0001 AK00	Communications Software Specialist	HR	\$ 76.60	\$ 78.90	\$ 81.26	\$ 83.70	\$ 86.21	\$ 88.80	\$ 91.46	\$ 94.21	\$ 97.03	\$ 99.95	\$ 102.93	\$ 106.00
0001 AL00	Communications Specialist	HR	\$ 72.25	\$ 74.42	\$ 76.65	\$ 78.95	\$ 81.32	\$ 83.76	\$ 86.27	\$ 88.86	\$ 91.52	\$ 94.27	\$ 97.08	\$ 99.94
0001 AM00	Computer Data Librarian	HR	\$ 54.28	\$ 55.91	\$ 57.59	\$ 59.31	\$ 61.09	\$ 62.93	\$ 64.81	\$ 66.76	\$ 68.76	\$ 70.82	\$ 72.93	\$ 75.09
0001 AN00	Computer Scientist	HR	\$ 125.48	\$ 129.24	\$ 133.12	\$ 137.12	\$ 141.23	\$ 145.47	\$ 149.83	\$ 154.32	\$ 158.95	\$ 163.72	\$ 168.63	\$ 173.67
0001 AO01	Computer Security System Specialist – Level I	HR	\$ 67.66	\$ 69.69	\$ 71.78	\$ 73.93	\$ 76.15	\$ 78.44	\$ 80.79	\$ 83.21	\$ 85.71	\$ 88.28	\$ 90.91	\$ 93.59
0001 AO02	Computer Security System Specialist – Level II	HR	\$ 88.96	\$ 91.63	\$ 94.38	\$ 97.21	\$ 100.13	\$ 103.13	\$ 106.22	\$ 109.41	\$ 112.69	\$ 116.07	\$ 119.54	\$ 123.11
0001 AO03	Computer Security System Specialist – Level III	HR	\$ 117.61	\$ 121.14	\$ 124.77	\$ 128.52	\$ 132.37	\$ 136.34	\$ 140.43	\$ 144.65	\$ 148.98	\$ 153.45	\$ 158.05	\$ 162.76
0001 AP01	Computer Systems Analyst – Level I	HR	\$ 50.00	\$ 51.50	\$ 53.05	\$ 54.64	\$ 56.28	\$ 57.96	\$ 59.70	\$ 61.49	\$ 63.34	\$ 65.24	\$ 67.18	\$ 69.17
0001 AP02	Computer Systems Analyst – Level II	HR	\$ 82.35	\$ 84.82	\$ 87.37	\$ 89.99	\$ 92.69	\$ 95.47	\$ 98.33	\$ 101.28	\$ 104.32	\$ 107.45	\$ 110.65	\$ 113.96
0001 AP03	Computer Systems Analyst – Level III	HR	\$ 104.71	\$ 107.85	\$ 111.09	\$ 114.42	\$ 117.85	\$ 121.39	\$ 125.03	\$ 128.78	\$ 132.64	\$ 136.62	\$ 140.71	\$ 144.92
0001 AQ00	Configuration Management Specialist	HR	\$ 103.91	\$ 107.03	\$ 110.24	\$ 113.55	\$ 116.95	\$ 120.46	\$ 124.07	\$ 127.80	\$ 131.63	\$ 135.58	\$ 139.65	\$ 143.84
0001 AR01	Cost Analyst – Level I	HR	\$ 64.95	\$ 66.90	\$ 68.91	\$ 70.97	\$ 73.10	\$ 75.29	\$ 77.55	\$ 79.88	\$ 82.28	\$ 84.75	\$ 87.27	\$ 89.81
0001 AR02	Cost Analyst – Level II	HR	\$ 69.30	\$ 71.38	\$ 73.52	\$ 75.73	\$ 78.00	\$ 80.34	\$ 82.75	\$ 85.23	\$ 87.79	\$ 90.42	\$ 93.10	\$ 95.86
0001 AS00	Data Entry Clerk	HR	\$ 30.44	\$ 31.35	\$ 32.29	\$ 33.26	\$ 34.26	\$ 35.29	\$ 36.35	\$ 37.44	\$ 38.56	\$ 39.72	\$ 40.92	\$ 42.15
0001 AT00	Data Security Specialist	HR	\$ 102.87	\$ 105.96	\$ 109.13	\$ 112.41	\$ 115.78	\$ 119.25	\$ 122.83	\$ 126.52	\$ 130.31	\$ 134.22	\$ 138.24	\$ 142.36
0001 AU00	Data Standardization Specialist	HR	\$ 103.91	\$ 107.03	\$ 110.24	\$ 113.55	\$ 116.95	\$ 120.46	\$ 124.07	\$ 127.80	\$ 131.63	\$ 135.58	\$ 139.65	\$ 143.84

ITEM	DESCRIPTION	U/M	Contract Year									
			1	2	3	4	5	6	7	8	9	10
0001 AV00	Database Administrator	HR	\$ 108.26	\$ 111.51	\$ 114.85	\$ 118.30	\$ 121.85	\$ 125.50	\$ 129.27	\$ 133.15	\$ 137.14	\$ 141.25
0001 AW01	Database Management Specialist – Level I	HR	\$ 89.25	\$ 91.93	\$ 94.69	\$ 97.53	\$ 100.45	\$ 103.47	\$ 106.57	\$ 109.77	\$ 113.06	\$ 116.45
0001 AW02	Database Management Specialist – Level II	HR	\$ 109.67	\$ 112.96	\$ 116.35	\$ 119.84	\$ 123.43	\$ 127.14	\$ 130.95	\$ 134.88	\$ 138.93	\$ 143.09
0001 AW03	Database Management Specialist – Level III	HR	\$ 123.08	\$ 126.77	\$ 130.58	\$ 134.49	\$ 138.53	\$ 142.68	\$ 146.96	\$ 151.37	\$ 155.91	\$ 160.59
0001 AX01	Database Specialist – Level I	HR	\$ 73.61	\$ 75.82	\$ 78.09	\$ 80.44	\$ 82.85	\$ 85.33	\$ 87.89	\$ 90.53	\$ 93.25	\$ 96.04
0001 AX02	Database Specialist – Level II	HR	\$ 82.23	\$ 84.70	\$ 87.24	\$ 89.85	\$ 92.55	\$ 95.33	\$ 98.19	\$ 101.13	\$ 104.17	\$ 107.29
0001 AX03	Database Specialist – Level III	HR	\$ 95.25	\$ 98.11	\$ 101.05	\$ 104.08	\$ 107.20	\$ 110.42	\$ 113.73	\$ 117.15	\$ 120.66	\$ 124.28
0001 AY00	Data Warehousing Administrator	HR	\$ 84.76	\$ 87.30	\$ 89.92	\$ 92.62	\$ 95.40	\$ 98.26	\$ 101.21	\$ 104.24	\$ 107.37	\$ 110.59
0001 AZ00	Data Warehouse Analyst	HR	\$ 91.74	\$ 94.49	\$ 97.33	\$ 100.25	\$ 103.25	\$ 106.35	\$ 109.54	\$ 112.83	\$ 116.21	\$ 119.70
0001 BA00	Data Warehouse Programmer	HR	\$ 107.55	\$ 110.78	\$ 114.10	\$ 117.52	\$ 121.05	\$ 124.68	\$ 128.42	\$ 132.27	\$ 136.24	\$ 140.33
0001 BB00	Disaster Recovery Specialist	HR	\$ 111.92	\$ 115.28	\$ 118.74	\$ 122.30	\$ 125.97	\$ 129.75	\$ 133.64	\$ 137.65	\$ 141.78	\$ 146.03
0001 BC01	Document Control Specialist – Level I	HR	\$ 30.83	\$ 31.75	\$ 32.71	\$ 33.69	\$ 34.70	\$ 35.74	\$ 36.81	\$ 37.92	\$ 39.05	\$ 40.23
0001 BC02	Document Control Specialist – Level II	HR	\$ 51.51	\$ 53.06	\$ 54.65	\$ 56.29	\$ 57.97	\$ 59.71	\$ 61.51	\$ 63.35	\$ 65.25	\$ 67.21
0001 BC03	Document Control Specialist – Level III	HR	\$ 74.82	\$ 77.06	\$ 79.38	\$ 81.76	\$ 84.21	\$ 86.74	\$ 89.34	\$ 92.02	\$ 94.78	\$ 97.62
0001 BD01	Document Support Specialist – Level I	HR	\$ 41.76	\$ 43.01	\$ 44.30	\$ 45.63	\$ 47.00	\$ 48.41	\$ 49.86	\$ 51.36	\$ 52.90	\$ 54.49
0001 BD02	Document Support Specialist – Level II	HR	\$ 50.80	\$ 52.32	\$ 53.89	\$ 55.51	\$ 57.18	\$ 58.89	\$ 60.66	\$ 62.48	\$ 64.35	\$ 66.28
0001 BE00	Duplicating Machine Operator	HR	\$ 31.10	\$ 32.03	\$ 32.99	\$ 33.98	\$ 35.00	\$ 36.05	\$ 37.14	\$ 38.25	\$ 39.40	\$ 40.58
0001 BF00	Electronic Data Interchange (EDI) Specialist	HR	\$ 94.96	\$ 97.81	\$ 100.74	\$ 103.77	\$ 106.88	\$ 110.08	\$ 113.39	\$ 116.79	\$ 120.29	\$ 123.90
0001 BG00	Electronic Meeting Technographer	HR	\$ 54.95	\$ 56.60	\$ 58.30	\$ 60.05	\$ 61.85	\$ 63.70	\$ 65.61	\$ 67.58	\$ 69.61	\$ 71.70
0001 BH00	Enterprise Resource Planning (ERP) Specialist	HR	\$ 122.44	\$ 126.11	\$ 129.90	\$ 133.79	\$ 137.81	\$ 141.94	\$ 146.20	\$ 150.59	\$ 155.10	\$ 159.76
0001 BI00	Facilitator	HR	\$ 51.97	\$ 53.53	\$ 55.13	\$ 56.79	\$ 58.49	\$ 60.25	\$ 62.05	\$ 63.92	\$ 65.83	\$ 67.81
0001 BJ00	Financial Analyst – IT	HR	\$ 86.60	\$ 89.20	\$ 91.87	\$ 94.63	\$ 97.47	\$ 100.39	\$ 103.40	\$ 106.51	\$ 109.70	\$ 112.99
0001 BK01	Functional Analyst – Level I	HR	\$ 86.80	\$ 89.40	\$ 92.09	\$ 94.85	\$ 97.69	\$ 100.62	\$ 103.64	\$ 106.75	\$ 109.96	\$ 113.25
0001 BK02	Functional Analyst – Level II	HR	\$ 102.22	\$ 105.29	\$ 108.45	\$ 111.70	\$ 115.05	\$ 118.50	\$ 122.06	\$ 125.72	\$ 129.49	\$ 133.37
0001 BL01	General Clerk – Level I	HR	\$ 24.04	\$ 24.76	\$ 25.50	\$ 26.27	\$ 27.06	\$ 27.87	\$ 28.71	\$ 29.57	\$ 30.45	\$ 31.37
0001 BL02	General Clerk – Level II	HR	\$ 31.91	\$ 32.87	\$ 33.85	\$ 34.87	\$ 35.91	\$ 36.99	\$ 38.10	\$ 39.25	\$ 40.42	\$ 41.64
0001 BL03	General Clerk – Level III	HR	\$ 38.30	\$ 39.45	\$ 40.63	\$ 41.85	\$ 43.11	\$ 44.40	\$ 45.73	\$ 47.10	\$ 48.52	\$ 49.97
0001 BM00	Geographic Information System (GIS) Specialist	HR	\$ 94.73	\$ 97.57	\$ 100.50	\$ 103.51	\$ 106.62	\$ 109.82	\$ 113.11	\$ 116.51	\$ 120.00	\$ 123.60
0001 BN00	Graphical User Interface Designer	HR	\$ 69.28	\$ 71.36	\$ 73.50	\$ 75.70	\$ 77.98	\$ 80.31	\$ 82.72	\$ 85.21	\$ 87.76	\$ 90.39
0001 BO00	Graphics Specialist	HR	\$ 73.61	\$ 75.82	\$ 78.09	\$ 80.44	\$ 82.85	\$ 85.33	\$ 87.89	\$ 90.53	\$ 93.25	\$ 96.04
0001 BP00	Hardware Draftsman	HR	\$ 50.61	\$ 52.13	\$ 53.69	\$ 55.30	\$ 56.96	\$ 58.67	\$ 60.43	\$ 62.24	\$ 64.11	\$ 66.03
0001 BQ01	Hardware Installation Technician – Level I	HR	\$ 43.19	\$ 44.49	\$ 45.82	\$ 47.19	\$ 48.61	\$ 50.07	\$ 51.57	\$ 53.12	\$ 54.71	\$ 56.35
0001 BQ02	Hardware Installation Technician – Level II	HR	\$ 57.23	\$ 58.95	\$ 60.72	\$ 62.54	\$ 64.41	\$ 66.35	\$ 68.34	\$ 70.39	\$ 72.50	\$ 74.67
0001 BR00	Hardware Specialist – Information Technology	HR	\$ 65.46	\$ 67.42	\$ 69.45	\$ 71.53	\$ 73.68	\$ 75.89	\$ 78.16	\$ 80.51	\$ 82.92	\$ 85.41
0001 BS00	Help Desk Manager	HR	\$ 93.53	\$ 96.34	\$ 99.23	\$ 102.20	\$ 105.27	\$ 108.43	\$ 111.68	\$ 115.03	\$ 118.48	\$ 122.04
0001 BT00	Help Desk Specialist	HR	\$ 64.95	\$ 66.90	\$ 68.91	\$ 70.97	\$ 73.10	\$ 75.29	\$ 77.55	\$ 79.88	\$ 82.28	\$ 84.75
0001 BU01	Imaging Specialist/Technician – Level I	HR	\$ 57.68	\$ 59.41	\$ 61.19	\$ 63.03	\$ 64.92	\$ 66.87	\$ 68.87	\$ 70.94	\$ 73.07	\$ 75.26

ITEM	DESCRIPTION	U/M	Contract Year									
			1	2	3	4	5	6	7	8	9	10
0001 BU02	Imaging Specialist/Technician – Level II	HR	\$ 71.22	\$ 73.36	\$ 75.56	\$ 77.82	\$ 80.16	\$ 82.56	\$ 85.04	\$ 87.59	\$ 90.22	\$ 92.93
0001 BU03	Imaging Specialist/Technician – Level III	HR	\$ 86.21	\$ 88.80	\$ 91.46	\$ 94.20	\$ 97.03	\$ 99.94	\$ 102.94	\$ 106.03	\$ 109.21	\$ 112.48
0001 BV00	Informatic Specialist/Bioinformatician	HR	\$ 159.55	\$ 164.34	\$ 169.27	\$ 174.34	\$ 179.57	\$ 184.96	\$ 190.51	\$ 196.23	\$ 202.11	\$ 208.18
0001 BW01	Information Engineer – Level I	HR	\$ 96.22	\$ 99.11	\$ 102.08	\$ 105.14	\$ 108.30	\$ 111.55	\$ 114.89	\$ 118.34	\$ 121.89	\$ 125.55
0001 BW02	Information Engineer – Level II	HR	\$ 114.68	\$ 118.12	\$ 121.66	\$ 125.31	\$ 129.07	\$ 132.95	\$ 136.93	\$ 141.04	\$ 145.27	\$ 149.63
0001 BX00	Information Resource Management Analyst	HR	\$ 100.92	\$ 103.95	\$ 107.07	\$ 110.28	\$ 113.59	\$ 116.99	\$ 120.50	\$ 124.12	\$ 127.84	\$ 131.68
0001 BY00	Information Systems Training Specialist	HR	\$ 79.25	\$ 81.63	\$ 84.08	\$ 86.60	\$ 89.20	\$ 91.87	\$ 94.63	\$ 97.47	\$ 100.39	\$ 103.40
0001 BZ00	IT Policy/Legislative Specialist	HR	\$ 132.61	\$ 136.59	\$ 140.69	\$ 144.91	\$ 149.25	\$ 153.73	\$ 158.34	\$ 163.09	\$ 167.99	\$ 173.03
0001 CA00	IT Strategic/Capital Planner	HR	\$ 134.61	\$ 138.65	\$ 142.81	\$ 147.09	\$ 151.50	\$ 156.05	\$ 160.73	\$ 165.55	\$ 170.52	\$ 175.64
0001 CB00	Knowledge Management Specialist	HR	\$ 129.62	\$ 133.51	\$ 137.51	\$ 141.64	\$ 145.89	\$ 150.27	\$ 154.77	\$ 159.42	\$ 164.20	\$ 169.12
0001 CC00	Librarian	HR	\$ 41.97	\$ 43.23	\$ 44.53	\$ 45.86	\$ 47.24	\$ 48.65	\$ 50.11	\$ 51.62	\$ 53.17	\$ 54.76
0001 CD00	Librarian Technician	HR	\$ 35.30	\$ 36.36	\$ 37.45	\$ 38.57	\$ 39.73	\$ 40.92	\$ 42.15	\$ 43.41	\$ 44.72	\$ 46.06
0001 CE00	Medical Billing/Account Management Specialist	HR	\$ 51.97	\$ 53.53	\$ 55.13	\$ 56.79	\$ 58.49	\$ 60.25	\$ 62.05	\$ 63.92	\$ 65.83	\$ 67.81
0001 CF00	Modeling and Simulation Specialist	HR	\$ 79.76	\$ 82.15	\$ 84.62	\$ 87.16	\$ 89.77	\$ 92.46	\$ 95.24	\$ 98.09	\$ 101.04	\$ 104.07
0001 CG00	Network Administrator	HR	\$ 89.75	\$ 92.44	\$ 95.22	\$ 98.07	\$ 101.01	\$ 104.04	\$ 107.17	\$ 110.38	\$ 113.69	\$ 117.10
0001 CH00	Network Draftsman	HR	\$ 54.28	\$ 55.91	\$ 57.59	\$ 59.31	\$ 61.09	\$ 62.93	\$ 64.81	\$ 66.76	\$ 68.76	\$ 70.82
0001 CI01	Network Installation Technician – Level I	HR	\$ 51.30	\$ 52.84	\$ 54.42	\$ 56.06	\$ 57.74	\$ 59.47	\$ 61.25	\$ 63.09	\$ 64.99	\$ 66.93
0001 CI02	Network Installation Technician – Level II	HR	\$ 65.62	\$ 67.59	\$ 69.62	\$ 71.70	\$ 73.86	\$ 76.07	\$ 78.35	\$ 80.70	\$ 83.13	\$ 85.62
0001 CJ00	Network Support Technician	HR	\$ 46.02	\$ 47.40	\$ 48.82	\$ 50.29	\$ 51.80	\$ 53.35	\$ 54.95	\$ 56.60	\$ 58.30	\$ 60.05
0001 CK00	Operations Manager	HR	\$ 112.58	\$ 115.96	\$ 119.44	\$ 123.02	\$ 126.71	\$ 130.51	\$ 134.43	\$ 138.46	\$ 142.61	\$ 146.89
0001 CL00	Procurement Product Specialist	HR	\$ 77.25	\$ 79.57	\$ 81.95	\$ 84.41	\$ 86.95	\$ 89.55	\$ 92.24	\$ 95.01	\$ 97.86	\$ 100.79
0001 CM00	Program Administration Specialist	HR	\$ 56.30	\$ 57.99	\$ 59.73	\$ 61.52	\$ 63.37	\$ 65.27	\$ 67.23	\$ 69.24	\$ 71.32	\$ 73.46
0001 CN00	Program Analyst	HR	\$ 94.73	\$ 97.57	\$ 100.50	\$ 103.51	\$ 106.62	\$ 109.82	\$ 113.11	\$ 116.51	\$ 120.00	\$ 123.60
0001 CO00	Program Manager	HR	\$ 135.18	\$ 139.24	\$ 143.41	\$ 147.71	\$ 152.15	\$ 156.71	\$ 161.41	\$ 166.25	\$ 171.24	\$ 176.38
0001 CP00	Project Control Specialist	HR	\$ 81.60	\$ 84.05	\$ 86.57	\$ 89.17	\$ 91.84	\$ 94.60	\$ 97.43	\$ 100.36	\$ 103.37	\$ 106.47
0001 CQ00	Project Leader	HR	\$ 105.80	\$ 108.97	\$ 112.24	\$ 115.61	\$ 119.08	\$ 122.65	\$ 126.33	\$ 130.12	\$ 134.02	\$ 138.05
0001 CR01	Project Manager – Level I	HR	\$ 102.58	\$ 105.66	\$ 108.83	\$ 112.09	\$ 115.45	\$ 118.92	\$ 122.49	\$ 126.16	\$ 129.95	\$ 133.84
0001 CR02	Project Manager – Level II	HR	\$ 114.89	\$ 118.34	\$ 121.89	\$ 125.54	\$ 129.31	\$ 133.19	\$ 137.18	\$ 141.30	\$ 145.54	\$ 149.91
0001 CR03	Project Manager – Level III	HR	\$ 126.53	\$ 130.33	\$ 134.24	\$ 138.26	\$ 142.41	\$ 146.68	\$ 151.08	\$ 155.62	\$ 160.28	\$ 165.09
0001 CS00	Public Health Analyst	HR	\$ 74.80	\$ 77.04	\$ 79.36	\$ 81.74	\$ 84.19	\$ 86.71	\$ 89.32	\$ 91.99	\$ 94.75	\$ 97.60
0001 CT00	Quality Assurance Analyst	HR	\$ 78.08	\$ 80.42	\$ 82.84	\$ 85.32	\$ 87.88	\$ 90.52	\$ 93.23	\$ 96.03	\$ 98.91	\$ 101.88
0001 CU00	Quality Assurance Manager	HR	\$ 112.66	\$ 116.04	\$ 119.52	\$ 123.11	\$ 126.80	\$ 130.60	\$ 134.52	\$ 138.56	\$ 142.71	\$ 147.00
0001 CV00	Quality Assurance Specialist	HR	\$ 95.32	\$ 98.18	\$ 101.12	\$ 104.16	\$ 107.28	\$ 110.50	\$ 113.82	\$ 117.23	\$ 120.75	\$ 124.37
0001 CW00	Records Management Specialist	HR	\$ 69.79	\$ 71.88	\$ 74.04	\$ 76.26	\$ 78.55	\$ 80.91	\$ 83.33	\$ 85.83	\$ 88.41	\$ 91.06
0001 CX00	Scanner Operator	HR	\$ 34.63	\$ 35.67	\$ 36.74	\$ 37.84	\$ 38.98	\$ 40.15	\$ 41.35	\$ 42.59	\$ 43.87	\$ 45.18
0001 CY00	Scientific Data Analyst	HR	\$ 99.72	\$ 102.71	\$ 105.79	\$ 108.97	\$ 112.24	\$ 115.60	\$ 119.07	\$ 122.64	\$ 126.32	\$ 130.11
0001 CZ01	Subject Matter Expert – Level I	HR	\$ 281.88	\$ 290.34	\$ 299.05	\$ 308.02	\$ 317.26	\$ 326.78	\$ 336.58	\$ 346.68	\$ 357.08	\$ 367.79

ITEM	DESCRIPTION	U/M	Contract Year									
			1	2	3	4	5	6	7	8	9	10
0001 CZ02	Subject Matter Expert – Level II	HR	\$ 299.16	\$ 308.13	\$ 317.38	\$ 326.90	\$ 336.71	\$ 346.81	\$ 357.21	\$ 367.93	\$ 378.97	\$ 390.34
0001 CZ03	Subject Matter Expert – Level III	HR	\$ 315.36	\$ 324.82	\$ 334.57	\$ 344.60	\$ 354.94	\$ 365.59	\$ 376.56	\$ 387.85	\$ 399.49	\$ 411.47
0001 DA01	System Administrator – Level I	HR	\$ 77.93	\$ 80.27	\$ 82.68	\$ 85.16	\$ 87.71	\$ 90.34	\$ 93.05	\$ 95.84	\$ 98.72	\$ 101.68
0001 DA02	System Administrator – Level II	HR	\$ 95.25	\$ 98.11	\$ 101.05	\$ 104.08	\$ 107.20	\$ 110.42	\$ 113.73	\$ 117.15	\$ 120.66	\$ 124.28
0001 DA03	System Administrator – Level III	HR	\$ 103.91	\$ 107.03	\$ 110.24	\$ 113.55	\$ 116.95	\$ 120.46	\$ 124.07	\$ 127.80	\$ 131.63	\$ 135.58
0001 DB01	Systems Architect – Level I	HR	\$ 108.02	\$ 111.26	\$ 114.60	\$ 118.04	\$ 121.58	\$ 125.22	\$ 128.98	\$ 132.85	\$ 136.84	\$ 140.94
0001 DB02	Systems Architect – Level II	HR	\$ 125.21	\$ 128.97	\$ 132.84	\$ 136.82	\$ 140.92	\$ 145.15	\$ 149.51	\$ 153.99	\$ 158.61	\$ 163.37
0001 DC01	Systems Engineer – Level I	HR	\$ 94.73	\$ 97.57	\$ 100.50	\$ 103.51	\$ 106.62	\$ 109.82	\$ 113.11	\$ 116.51	\$ 120.00	\$ 123.60
0001 DC02	Systems Engineer – Level II	HR	\$ 104.71	\$ 107.85	\$ 111.09	\$ 114.42	\$ 117.85	\$ 121.39	\$ 125.03	\$ 128.78	\$ 132.64	\$ 136.62
0001 DC03	Systems Engineer – Level III	HR	\$ 117.16	\$ 120.67	\$ 124.30	\$ 128.02	\$ 131.86	\$ 135.82	\$ 139.90	\$ 144.09	\$ 148.41	\$ 152.87
0001 DD00	System Operator	HR	\$ 46.97	\$ 48.38	\$ 49.83	\$ 51.33	\$ 52.87	\$ 54.45	\$ 56.08	\$ 57.77	\$ 59.50	\$ 61.29
0001 DE00	System Programmer	HR	\$ 92.32	\$ 95.09	\$ 97.94	\$ 100.88	\$ 103.91	\$ 107.02	\$ 110.23	\$ 113.54	\$ 116.95	\$ 120.46
0001 DF01	Technical Writer/Editor – Level I	HR	\$ 46.84	\$ 48.25	\$ 49.69	\$ 51.18	\$ 52.72	\$ 54.30	\$ 55.93	\$ 57.61	\$ 59.34	\$ 61.12
0001 DF02	Technical Writer/Editor – Level II	HR	\$ 55.79	\$ 57.46	\$ 59.19	\$ 60.96	\$ 62.79	\$ 64.68	\$ 66.62	\$ 68.61	\$ 70.67	\$ 72.79
0001 DF03	Technical Writer/Editor – Level III	HR	\$ 70.76	\$ 72.88	\$ 75.07	\$ 77.32	\$ 79.64	\$ 82.03	\$ 84.49	\$ 87.03	\$ 89.64	\$ 92.33
0001 DG01	Telecommunications Engineer – Level I	HR	\$ 59.95	\$ 61.75	\$ 63.60	\$ 65.51	\$ 67.47	\$ 69.50	\$ 71.58	\$ 73.73	\$ 75.94	\$ 78.22
0001 DG02	Telecommunications Engineer – Level II	HR	\$ 67.93	\$ 69.97	\$ 72.07	\$ 74.23	\$ 76.46	\$ 78.75	\$ 81.11	\$ 83.55	\$ 86.05	\$ 88.63
0001 DH01	Telecommunications Specialist – Level I	HR	\$ 68.61	\$ 70.67	\$ 72.79	\$ 74.97	\$ 77.22	\$ 79.54	\$ 81.92	\$ 84.38	\$ 86.91	\$ 89.52
0001 DH02	Telecommunications Specialist – Level II	HR	\$ 79.44	\$ 81.82	\$ 84.28	\$ 86.81	\$ 89.41	\$ 92.09	\$ 94.86	\$ 97.70	\$ 100.63	\$ 103.65
0001 DI00	Test Engineer	HR	\$ 89.75	\$ 92.44	\$ 95.22	\$ 98.07	\$ 101.01	\$ 104.04	\$ 107.17	\$ 110.38	\$ 113.69	\$ 117.10
0001 DJ00	Training Manager	HR	\$ 97.59	\$ 100.52	\$ 103.53	\$ 106.64	\$ 109.84	\$ 113.13	\$ 116.53	\$ 120.02	\$ 123.62	\$ 127.33
0001 DK01	Training Specialist – Level I	HR	\$ 68.61	\$ 70.67	\$ 72.79	\$ 74.97	\$ 77.22	\$ 79.54	\$ 81.92	\$ 84.38	\$ 86.91	\$ 89.52
0001 DK02	Training Specialist – Level II	HR	\$ 81.60	\$ 84.05	\$ 86.57	\$ 89.17	\$ 91.84	\$ 94.60	\$ 97.43	\$ 100.36	\$ 103.37	\$ 106.47
0001 DL00	Web Content Administrator	HR	\$ 74.80	\$ 77.04	\$ 79.36	\$ 81.74	\$ 84.19	\$ 86.71	\$ 89.32	\$ 91.99	\$ 94.75	\$ 97.60
0001 DM00	Web Designer	HR	\$ 66.28	\$ 68.27	\$ 70.32	\$ 72.43	\$ 74.60	\$ 76.84	\$ 79.14	\$ 81.52	\$ 83.96	\$ 86.48
0001 DN00	Web Project Manager	HR	\$ 110.67	\$ 113.99	\$ 117.41	\$ 120.93	\$ 124.56	\$ 128.30	\$ 132.15	\$ 136.11	\$ 140.19	\$ 144.40
0001 DO00	Web Software Developer	HR	\$ 89.75	\$ 92.44	\$ 95.22	\$ 98.07	\$ 101.01	\$ 104.04	\$ 107.17	\$ 110.38	\$ 113.69	\$ 117.10
0001 DP00	Webmaster	HR	\$ 90.17	\$ 92.88	\$ 95.66	\$ 98.53	\$ 101.49	\$ 104.53	\$ 107.67	\$ 110.90	\$ 114.22	\$ 117.65
0001 DQ00	Wide Area Network Administrator	HR	\$ 97.33	\$ 100.25	\$ 103.26	\$ 106.36	\$ 109.55	\$ 112.83	\$ 116.22	\$ 119.70	\$ 123.29	\$ 126.99

ITEM	DESCRIPTION	U/M	Contract Year												
			1	2	3	4	5	6	7	8	9	10			
	Escalation rate			3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
0001 AA01	Administrative Assistant – Level I	HR	\$ 32.34	\$ 33.31	\$ 34.31	\$ 35.34	\$ 36.40	\$ 37.49	\$ 38.62	\$ 39.77	\$ 40.97	\$ 42.20			
0001 AA02	Administrative Assistant – Level II	HR	\$ 45.62	\$ 46.99	\$ 48.40	\$ 49.85	\$ 51.35	\$ 52.89	\$ 54.47	\$ 56.11	\$ 57.79	\$ 59.52			
0001 AB01	Application Engineer – Level I	HR	\$ 89.75	\$ 92.44	\$ 95.22	\$ 98.07	\$ 101.01	\$ 104.04	\$ 107.17	\$ 110.38	\$ 113.69	\$ 117.10			
0001 AB02	Application Engineer – Level II	HR	\$ 100.36	\$ 103.37	\$ 106.47	\$ 109.67	\$ 112.96	\$ 116.34	\$ 119.84	\$ 123.43	\$ 127.13	\$ 130.95			
0001 AC01	Application Programmer – Level I	HR	\$ 73.96	\$ 76.18	\$ 78.46	\$ 80.82	\$ 83.24	\$ 85.74	\$ 88.31	\$ 90.96	\$ 93.69	\$ 96.50			
0001 AC02	Application Programmer – Level II	HR	\$ 93.61	\$ 96.42	\$ 99.31	\$ 102.29	\$ 105.36	\$ 108.52	\$ 111.78	\$ 115.13	\$ 118.58	\$ 122.14			
0001 AC03	Applications Programmer – Level III	HR	\$ 112.02	\$ 115.38	\$ 118.84	\$ 122.41	\$ 126.08	\$ 129.86	\$ 133.76	\$ 137.77	\$ 141.90	\$ 146.16			
0001 AD00	Application Systems Analyst	HR	\$ 93.53	\$ 96.34	\$ 99.23	\$ 102.20	\$ 105.27	\$ 108.43	\$ 111.68	\$ 115.03	\$ 118.48	\$ 122.04			
0001 AE00	Biostatistician	HR	\$ 129.60	\$ 133.49	\$ 137.49	\$ 141.62	\$ 145.87	\$ 150.24	\$ 154.75	\$ 159.39	\$ 164.17	\$ 169.10			
0001 AF01	Business Analyst – Level I	HR	\$ 77.93	\$ 80.27	\$ 82.68	\$ 85.16	\$ 87.71	\$ 90.34	\$ 93.05	\$ 95.84	\$ 98.72	\$ 101.68			
0001 AF02	Business Analyst – Level II	HR	\$ 95.25	\$ 98.11	\$ 101.05	\$ 104.08	\$ 107.20	\$ 110.42	\$ 113.73	\$ 117.15	\$ 120.66	\$ 124.28			
0001 AF03	Business Analyst – Level III	HR	\$ 112.58	\$ 115.96	\$ 119.44	\$ 123.02	\$ 126.71	\$ 130.51	\$ 134.43	\$ 138.46	\$ 142.61	\$ 146.89			
0001 AG01	Business Process Reengineering Specialist – Level I	HR	\$ 72.89	\$ 75.08	\$ 77.33	\$ 79.65	\$ 82.04	\$ 84.50	\$ 87.03	\$ 89.65	\$ 92.33	\$ 95.10			
0001 AG02	Business Process Reengineering Specialist – Level II	HR	\$ 104.27	\$ 107.40	\$ 110.62	\$ 113.94	\$ 117.36	\$ 120.88	\$ 124.50	\$ 128.24	\$ 132.09	\$ 136.05			
0001 AG03	Business Process Reengineering Specialist – Level III	HR	\$ 116.60	\$ 120.10	\$ 123.70	\$ 127.41	\$ 131.23	\$ 135.17	\$ 139.23	\$ 143.40	\$ 147.71	\$ 152.14			
0001 AH00	Chief Information Security Officer	HR	\$ 131.53	\$ 135.48	\$ 139.54	\$ 143.73	\$ 148.04	\$ 152.48	\$ 157.05	\$ 161.77	\$ 166.62	\$ 171.62			
0001 AI00	Communications Hardware Specialist	HR	\$ 62.93	\$ 64.82	\$ 66.76	\$ 68.77	\$ 70.83	\$ 72.95	\$ 75.14	\$ 77.40	\$ 79.72	\$ 82.11			
0001 AJ00	Communications Network Manager	HR	\$ 93.91	\$ 96.73	\$ 99.63	\$ 102.62	\$ 105.70	\$ 108.87	\$ 112.13	\$ 115.50	\$ 118.96	\$ 122.53			
0001 AK00	Communications Software Specialist	HR	\$ 76.60	\$ 78.90	\$ 81.26	\$ 83.70	\$ 86.21	\$ 88.80	\$ 91.46	\$ 94.21	\$ 97.03	\$ 99.95			
0001 AL00	Communications Specialist	HR	\$ 72.25	\$ 74.42	\$ 76.65	\$ 78.95	\$ 81.32	\$ 83.76	\$ 86.27	\$ 88.86	\$ 91.52	\$ 94.27			
0001 AM00	Computer Data Librarian	HR	\$ 54.28	\$ 55.91	\$ 57.59	\$ 59.31	\$ 61.09	\$ 62.93	\$ 64.81	\$ 66.76	\$ 68.76	\$ 70.82			
0001 AN00	Computer Scientist	HR	\$ 125.48	\$ 129.24	\$ 133.12	\$ 137.12	\$ 141.23	\$ 145.47	\$ 149.83	\$ 154.32	\$ 158.95	\$ 163.72			
0001 AO01	Computer Security System Specialist – Level I	HR	\$ 67.66	\$ 69.69	\$ 71.78	\$ 73.93	\$ 76.15	\$ 78.44	\$ 80.79	\$ 83.21	\$ 85.71	\$ 88.28			
0001 AO02	Computer Security System Specialist – Level II	HR	\$ 88.96	\$ 91.63	\$ 94.38	\$ 97.21	\$ 100.13	\$ 103.13	\$ 106.22	\$ 109.41	\$ 112.69	\$ 116.07			
0001 AO03	Computer Security System Specialist – Level III	HR	\$ 117.61	\$ 121.14	\$ 124.77	\$ 128.52	\$ 132.37	\$ 136.34	\$ 140.43	\$ 144.65	\$ 148.98	\$ 153.45			
0001 AP01	Computer Systems Analyst – Level I	HR	\$ 50.00	\$ 51.50	\$ 53.05	\$ 54.64	\$ 56.28	\$ 57.96	\$ 59.70	\$ 61.49	\$ 63.34	\$ 65.24			
0001 AP02	Computer Systems Analyst – Level II	HR	\$ 82.35	\$ 84.82	\$ 87.37	\$ 89.99	\$ 92.69	\$ 95.47	\$ 98.33	\$ 101.28	\$ 104.32	\$ 107.45			
0001 AP03	Computer Systems Analyst – Level III	HR	\$ 104.71	\$ 107.85	\$ 111.09	\$ 114.42	\$ 117.85	\$ 121.39	\$ 125.03	\$ 128.78	\$ 132.64	\$ 136.62			
0001 AQ00	Configuration Management Specialist	HR	\$ 103.91	\$ 107.03	\$ 110.24	\$ 113.55	\$ 116.95	\$ 120.46	\$ 124.07	\$ 127.80	\$ 131.63	\$ 135.58			
0001 AR01	Cost Analyst – Level I	HR	\$ 64.95	\$ 66.90	\$ 68.91	\$ 70.97	\$ 73.10	\$ 75.29	\$ 77.55	\$ 79.88	\$ 82.28	\$ 84.75			
0001 AR02	Cost Analyst – Level II	HR	\$ 69.30	\$ 71.38	\$ 73.52	\$ 75.73	\$ 78.00	\$ 80.34	\$ 82.75	\$ 85.23	\$ 87.79	\$ 90.42			
0001 AS00	Data Entry Clerk	HR	\$ 30.44	\$ 31.35	\$ 32.29	\$ 33.26	\$ 34.26	\$ 35.29	\$ 36.35	\$ 37.44	\$ 38.56	\$ 39.72			
0001 AT00	Data Security Specialist	HR	\$ 102.87	\$ 105.96	\$ 109.13	\$ 112.41	\$ 115.78	\$ 119.25	\$ 122.83	\$ 126.52	\$ 130.31	\$ 134.22			
0001 AU00	Data Standardization Specialist	HR	\$ 103.91	\$ 107.03	\$ 110.24	\$ 113.55	\$ 116.95	\$ 120.46	\$ 124.07	\$ 127.80	\$ 131.63	\$ 135.58			

ITEM	DESCRIPTION	U/M	Contract Year									
			1	2	3	4	5	6	7	8	9	10
0001 AV00	Database Administrator	HR	\$ 108.26	\$ 111.51	\$ 114.85	\$ 118.30	\$ 121.85	\$ 125.50	\$ 129.27	\$ 133.15	\$ 137.14	\$ 141.25
0001 AW01	Database Management Specialist – Level I	HR	\$ 89.25	\$ 91.93	\$ 94.69	\$ 97.53	\$ 100.45	\$ 103.47	\$ 106.57	\$ 109.77	\$ 113.06	\$ 116.45
0001 AW02	Database Management Specialist – Level II	HR	\$ 109.67	\$ 112.96	\$ 116.35	\$ 119.84	\$ 123.43	\$ 127.14	\$ 130.95	\$ 134.88	\$ 138.93	\$ 143.09
0001 AW03	Database Management Specialist – Level III	HR	\$ 123.08	\$ 126.77	\$ 130.58	\$ 134.49	\$ 138.53	\$ 142.68	\$ 146.96	\$ 151.37	\$ 155.91	\$ 160.59
0001 AX01	Database Specialist – Level I	HR	\$ 73.61	\$ 75.82	\$ 78.09	\$ 80.44	\$ 82.85	\$ 85.33	\$ 87.89	\$ 90.53	\$ 93.25	\$ 96.04
0001 AX02	Database Specialist – Level II	HR	\$ 82.23	\$ 84.70	\$ 87.24	\$ 89.85	\$ 92.55	\$ 95.33	\$ 98.19	\$ 101.13	\$ 104.17	\$ 107.29
0001 AX03	Database Specialist – Level III	HR	\$ 95.25	\$ 98.11	\$ 101.05	\$ 104.08	\$ 107.20	\$ 110.42	\$ 113.73	\$ 117.15	\$ 120.66	\$ 124.28
0001 AY00	Data Warehousing Administrator	HR	\$ 84.76	\$ 87.30	\$ 89.92	\$ 92.62	\$ 95.40	\$ 98.26	\$ 101.21	\$ 104.24	\$ 107.37	\$ 110.59
0001 AZ00	Data Warehouse Analyst	HR	\$ 91.74	\$ 94.49	\$ 97.33	\$ 100.25	\$ 103.25	\$ 106.35	\$ 109.54	\$ 112.83	\$ 116.21	\$ 119.70
0001 BA00	Data Warehouse Programmer	HR	\$ 107.55	\$ 110.78	\$ 114.10	\$ 117.52	\$ 121.05	\$ 124.68	\$ 128.42	\$ 132.27	\$ 136.24	\$ 140.33
0001 BB00	Disaster Recovery Specialist	HR	\$ 111.92	\$ 115.28	\$ 118.74	\$ 122.30	\$ 125.97	\$ 129.75	\$ 133.64	\$ 137.65	\$ 141.78	\$ 146.03
0001 BC01	Document Control Specialist – Level I	HR	\$ 30.83	\$ 31.75	\$ 32.71	\$ 33.69	\$ 34.70	\$ 35.74	\$ 36.81	\$ 37.92	\$ 39.05	\$ 40.23
0001 BC02	Document Control Specialist - Level II	HR	\$ 51.51	\$ 53.06	\$ 54.65	\$ 56.29	\$ 57.97	\$ 59.71	\$ 61.51	\$ 63.35	\$ 65.25	\$ 67.21
0001 BC03	Document Control Specialist – Level III	HR	\$ 74.82	\$ 77.06	\$ 79.38	\$ 81.76	\$ 84.21	\$ 86.74	\$ 89.34	\$ 92.02	\$ 94.78	\$ 97.62
0001 BD01	Document Support Specialist – Level I	HR	\$ 41.76	\$ 43.01	\$ 44.30	\$ 45.63	\$ 47.00	\$ 48.41	\$ 49.86	\$ 51.36	\$ 52.90	\$ 54.49
0001 BD02	Document Support Specialist – Level II	HR	\$ 50.80	\$ 52.32	\$ 53.89	\$ 55.51	\$ 57.18	\$ 58.89	\$ 60.66	\$ 62.48	\$ 64.35	\$ 66.28
0001 BE00	Duplicating Machine Operator	HR	\$ 31.10	\$ 32.03	\$ 32.99	\$ 33.98	\$ 35.00	\$ 36.05	\$ 37.14	\$ 38.25	\$ 39.40	\$ 40.58
0001 BF00	Electronic Data Interchange (EDI) Specialist	HR	\$ 94.96	\$ 97.81	\$ 100.74	\$ 103.77	\$ 106.88	\$ 110.08	\$ 113.39	\$ 116.79	\$ 120.29	\$ 123.90
0001 BG00	Electronic Meeting Technographer	HR	\$ 54.95	\$ 56.60	\$ 58.30	\$ 60.05	\$ 61.85	\$ 63.70	\$ 65.61	\$ 67.58	\$ 69.61	\$ 71.70
0001 BH00	Enterprise Resource Planning (ERP) Specialist	HR	\$ 122.44	\$ 126.11	\$ 129.90	\$ 133.79	\$ 137.81	\$ 141.94	\$ 146.20	\$ 150.59	\$ 155.10	\$ 159.76
0001 BI00	Facilitator	HR	\$ 51.97	\$ 53.53	\$ 55.13	\$ 56.79	\$ 58.49	\$ 60.25	\$ 62.05	\$ 63.92	\$ 65.83	\$ 67.81
0001 BJ00	Financial Analyst – IT	HR	\$ 86.60	\$ 89.20	\$ 91.87	\$ 94.63	\$ 97.47	\$ 100.39	\$ 103.40	\$ 106.51	\$ 109.70	\$ 112.99
0001 BK01	Functional Analyst – Level I	HR	\$ 86.80	\$ 89.40	\$ 92.09	\$ 94.85	\$ 97.69	\$ 100.62	\$ 103.64	\$ 106.75	\$ 109.96	\$ 113.25
0001 BK02	Functional Analyst – Level II	HR	\$ 102.22	\$ 105.29	\$ 108.45	\$ 111.70	\$ 115.05	\$ 118.50	\$ 122.06	\$ 125.72	\$ 129.49	\$ 133.37
0001 BL01	General Clerk – Level I	HR	\$ 24.04	\$ 24.76	\$ 25.50	\$ 26.27	\$ 27.06	\$ 27.87	\$ 28.71	\$ 29.57	\$ 30.45	\$ 31.37
0001 BL02	General Clerk – Level II	HR	\$ 31.91	\$ 32.87	\$ 33.85	\$ 34.87	\$ 35.91	\$ 36.99	\$ 38.10	\$ 39.25	\$ 40.42	\$ 41.64
0001 BL03	General Clerk – Level III	HR	\$ 38.30	\$ 39.45	\$ 40.63	\$ 41.85	\$ 43.11	\$ 44.40	\$ 45.73	\$ 47.10	\$ 48.52	\$ 49.97
0001 BM00	Geographic Information System (GIS) Specialist	HR	\$ 94.73	\$ 97.57	\$ 100.50	\$ 103.51	\$ 106.62	\$ 109.82	\$ 113.11	\$ 116.51	\$ 120.00	\$ 123.60
0001 BN00	Graphical User Interface Designer	HR	\$ 69.28	\$ 71.36	\$ 73.50	\$ 75.70	\$ 77.98	\$ 80.31	\$ 82.72	\$ 85.21	\$ 87.76	\$ 90.39
0001 BO00	Graphics Specialist	HR	\$ 73.61	\$ 75.82	\$ 78.09	\$ 80.44	\$ 82.85	\$ 85.33	\$ 87.89	\$ 90.53	\$ 93.25	\$ 96.04
0001 BP00	Hardware Draftsman	HR	\$ 50.61	\$ 52.13	\$ 53.69	\$ 55.30	\$ 56.96	\$ 58.67	\$ 60.43	\$ 62.24	\$ 64.11	\$ 66.03
0001 BQ01	Hardware Installation Technician – Level I	HR	\$ 43.19	\$ 44.49	\$ 45.82	\$ 47.19	\$ 48.61	\$ 50.07	\$ 51.57	\$ 53.12	\$ 54.71	\$ 56.35
0001 BQ02	Hardware Installation Technician – Level II	HR	\$ 57.23	\$ 58.95	\$ 60.72	\$ 62.54	\$ 64.41	\$ 66.35	\$ 68.34	\$ 70.39	\$ 72.50	\$ 74.67
0001 BR00	Hardware Specialist – Information Technology	HR	\$ 65.46	\$ 67.42	\$ 69.45	\$ 71.53	\$ 73.68	\$ 75.89	\$ 78.16	\$ 80.51	\$ 82.92	\$ 85.41
0001 BS00	Help Desk Manager	HR	\$ 93.53	\$ 96.34	\$ 99.23	\$ 102.20	\$ 105.27	\$ 108.43	\$ 111.68	\$ 115.03	\$ 118.48	\$ 122.04
0001 BT00	Help Desk Specialist	HR	\$ 64.95	\$ 66.90	\$ 68.91	\$ 70.97	\$ 73.10	\$ 75.29	\$ 77.55	\$ 79.88	\$ 82.28	\$ 84.75
0001 BU01	Imaging Specialist/Technician – Level I	HR	\$ 57.68	\$ 59.41	\$ 61.19	\$ 63.03	\$ 64.92	\$ 66.87	\$ 68.87	\$ 70.94	\$ 73.07	\$ 75.26

ITEM	DESCRIPTION	U/M	Contract Year									
			1	2	3	4	5	6	7	8	9	10
0001 BU02	Imaging Specialist/Technician – Level II	HR	\$ 71.22	\$ 73.36	\$ 75.56	\$ 77.82	\$ 80.16	\$ 82.56	\$ 85.04	\$ 87.59	\$ 90.22	\$ 92.93
0001 BU03	Imaging Specialist/Technician – Level III	HR	\$ 86.21	\$ 88.80	\$ 91.46	\$ 94.20	\$ 97.03	\$ 99.94	\$ 102.94	\$ 106.03	\$ 109.21	\$ 112.48
0001 BV00	Informatic Specialist/Bioinformatician	HR	\$ 159.55	\$ 164.34	\$ 169.27	\$ 174.34	\$ 179.57	\$ 184.96	\$ 190.51	\$ 196.23	\$ 202.11	\$ 208.18
0001 BW01	Information Engineer – Level I	HR	\$ 96.22	\$ 99.11	\$ 102.08	\$ 105.14	\$ 108.30	\$ 111.55	\$ 114.89	\$ 118.34	\$ 121.89	\$ 125.55
0001 BW02	Information Engineer – Level II	HR	\$ 114.68	\$ 118.12	\$ 121.66	\$ 125.31	\$ 129.07	\$ 132.95	\$ 136.93	\$ 141.04	\$ 145.27	\$ 149.63
0001 BX00	Information Resource Management Analyst	HR	\$ 100.92	\$ 103.95	\$ 107.07	\$ 110.28	\$ 113.59	\$ 116.99	\$ 120.50	\$ 124.12	\$ 127.84	\$ 131.68
0001 BY00	Information Systems Training Specialist	HR	\$ 79.25	\$ 81.63	\$ 84.08	\$ 86.60	\$ 89.20	\$ 91.87	\$ 94.63	\$ 97.47	\$ 100.39	\$ 103.40
0001 BZ00	IT Policy/Legislative Specialist	HR	\$ 132.61	\$ 136.59	\$ 140.69	\$ 144.91	\$ 149.25	\$ 153.73	\$ 158.34	\$ 163.09	\$ 167.99	\$ 173.03
0001 CA00	IT Strategic/Capital Planner	HR	\$ 134.61	\$ 138.65	\$ 142.81	\$ 147.09	\$ 151.50	\$ 156.05	\$ 160.73	\$ 165.55	\$ 170.52	\$ 175.64
0001 CB00	Knowledge Management Specialist	HR	\$ 129.62	\$ 133.51	\$ 137.51	\$ 141.64	\$ 145.89	\$ 150.27	\$ 154.77	\$ 159.42	\$ 164.20	\$ 169.12
0001 CC00	Librarian	HR	\$ 41.97	\$ 43.23	\$ 44.53	\$ 45.86	\$ 47.24	\$ 48.65	\$ 50.11	\$ 51.62	\$ 53.17	\$ 54.76
0001 CD00	Librarian Technician	HR	\$ 35.30	\$ 36.36	\$ 37.45	\$ 38.57	\$ 39.73	\$ 40.92	\$ 42.15	\$ 43.41	\$ 44.72	\$ 46.06
0001 CE00	Medical Billing/Account Management Specialist	HR	\$ 51.97	\$ 53.53	\$ 55.13	\$ 56.79	\$ 58.49	\$ 60.25	\$ 62.05	\$ 63.92	\$ 65.83	\$ 67.81
0001 CF00	Modeling and Simulation Specialist	HR	\$ 79.76	\$ 82.15	\$ 84.62	\$ 87.16	\$ 89.77	\$ 92.46	\$ 95.24	\$ 98.09	\$ 101.04	\$ 104.07
0001 CG00	Network Administrator	HR	\$ 89.75	\$ 92.44	\$ 95.22	\$ 98.07	\$ 101.01	\$ 104.04	\$ 107.17	\$ 110.38	\$ 113.69	\$ 117.10
0001 CH00	Network Draftsman	HR	\$ 54.28	\$ 55.91	\$ 57.59	\$ 59.31	\$ 61.09	\$ 62.93	\$ 64.81	\$ 66.76	\$ 68.76	\$ 70.82
0001 CI01	Network Installation Technician – Level I	HR	\$ 51.30	\$ 52.84	\$ 54.42	\$ 56.06	\$ 57.74	\$ 59.47	\$ 61.25	\$ 63.09	\$ 64.99	\$ 66.93
0001 CI02	Network Installation Technician – Level II	HR	\$ 65.62	\$ 67.59	\$ 69.62	\$ 71.70	\$ 73.86	\$ 76.07	\$ 78.35	\$ 80.70	\$ 83.13	\$ 85.62
0001 CJ00	Network Support Technician	HR	\$ 46.02	\$ 47.40	\$ 48.82	\$ 50.29	\$ 51.80	\$ 53.35	\$ 54.95	\$ 56.60	\$ 58.30	\$ 60.05
0001 CK00	Operations Manager	HR	\$ 112.58	\$ 115.96	\$ 119.44	\$ 123.02	\$ 126.71	\$ 130.51	\$ 134.43	\$ 138.46	\$ 142.61	\$ 146.89
0001 CL00	Procurement Product Specialist	HR	\$ 77.25	\$ 79.57	\$ 81.95	\$ 84.41	\$ 86.95	\$ 89.55	\$ 92.24	\$ 95.01	\$ 97.86	\$ 100.79
0001 CM00	Program Administration Specialist	HR	\$ 56.30	\$ 57.99	\$ 59.73	\$ 61.52	\$ 63.37	\$ 65.27	\$ 67.23	\$ 69.24	\$ 71.32	\$ 73.46
0001 CN00	Program Analyst	HR	\$ 94.73	\$ 97.57	\$ 100.50	\$ 103.51	\$ 106.62	\$ 109.82	\$ 113.11	\$ 116.51	\$ 120.00	\$ 123.60
0001 CO00	Program Manager	HR	\$ 135.18	\$ 139.24	\$ 143.41	\$ 147.71	\$ 152.15	\$ 156.71	\$ 161.41	\$ 166.25	\$ 171.24	\$ 176.38
0001 CP00	Project Control Specialist	HR	\$ 81.60	\$ 84.05	\$ 86.57	\$ 89.17	\$ 91.84	\$ 94.60	\$ 97.43	\$ 100.36	\$ 103.37	\$ 106.47
0001 CQ00	Project Leader	HR	\$ 105.80	\$ 108.97	\$ 112.24	\$ 115.61	\$ 119.08	\$ 122.65	\$ 126.33	\$ 130.12	\$ 134.02	\$ 138.05
0001 CR01	Project Manager – Level I	HR	\$ 102.58	\$ 105.66	\$ 108.83	\$ 112.09	\$ 115.45	\$ 118.92	\$ 122.49	\$ 126.16	\$ 129.95	\$ 133.84
0001 CR02	Project Manager – Level II	HR	\$ 114.89	\$ 118.34	\$ 121.89	\$ 125.54	\$ 129.31	\$ 133.19	\$ 137.18	\$ 141.30	\$ 145.54	\$ 149.91
0001 CR03	Project Manager – Level III	HR	\$ 126.53	\$ 130.33	\$ 134.24	\$ 138.26	\$ 142.41	\$ 146.68	\$ 151.08	\$ 155.62	\$ 160.28	\$ 165.09
0001 CS00	Public Health Analyst	HR	\$ 74.80	\$ 77.04	\$ 79.36	\$ 81.74	\$ 84.19	\$ 86.71	\$ 89.32	\$ 91.99	\$ 94.75	\$ 97.60
0001 CT00	Quality Assurance Analyst	HR	\$ 78.08	\$ 80.42	\$ 82.84	\$ 85.32	\$ 87.88	\$ 90.52	\$ 93.23	\$ 96.03	\$ 98.91	\$ 101.88
0001 CU00	Quality Assurance Manager	HR	\$ 112.66	\$ 116.04	\$ 119.52	\$ 123.11	\$ 126.80	\$ 130.60	\$ 134.52	\$ 138.56	\$ 142.71	\$ 147.00
0001 CV00	Quality Assurance Specialist	HR	\$ 95.32	\$ 98.18	\$ 101.12	\$ 104.16	\$ 107.28	\$ 110.50	\$ 113.82	\$ 117.23	\$ 120.75	\$ 124.37
0001 CW00	Records Management Specialist	HR	\$ 69.79	\$ 71.88	\$ 74.04	\$ 76.26	\$ 78.55	\$ 80.91	\$ 83.33	\$ 85.83	\$ 88.41	\$ 91.06
0001 CX00	Scanner Operator	HR	\$ 34.63	\$ 35.67	\$ 36.74	\$ 37.84	\$ 38.98	\$ 40.15	\$ 41.35	\$ 42.59	\$ 43.87	\$ 45.18
0001 CY00	Scientific Data Analyst	HR	\$ 99.72	\$ 102.71	\$ 105.79	\$ 108.97	\$ 112.24	\$ 115.60	\$ 119.07	\$ 122.64	\$ 126.32	\$ 130.11
0001 CZ01	Subject Matter Expert – Level I	HR	\$ 281.88	\$ 290.34	\$ 299.05	\$ 308.02	\$ 317.26	\$ 326.78	\$ 336.58	\$ 346.68	\$ 357.08	\$ 367.79

ITEM	DESCRIPTION	U/M	Contract Year									
			1	2	3	4	5	6	7	8	9	10
0001 CZ02	Subject Matter Expert – Level II	HR	\$ 299.16	\$ 308.13	\$ 317.38	\$ 326.90	\$ 336.71	\$ 346.81	\$ 357.21	\$ 367.93	\$ 378.97	\$ 390.34
0001 CZ03	Subject Matter Expert – Level III	HR	\$ 315.36	\$ 324.82	\$ 334.57	\$ 344.60	\$ 354.94	\$ 365.59	\$ 376.56	\$ 387.85	\$ 399.49	\$ 411.47
0001 DA01	System Administrator – Level I	HR	\$ 77.93	\$ 80.27	\$ 82.68	\$ 85.16	\$ 87.71	\$ 90.34	\$ 93.05	\$ 95.84	\$ 98.72	\$ 101.68
0001 DA02	System Administrator – Level II	HR	\$ 95.25	\$ 98.11	\$ 101.05	\$ 104.08	\$ 107.20	\$ 110.42	\$ 113.73	\$ 117.15	\$ 120.66	\$ 124.28
0001 DA03	System Administrator – Level III	HR	\$ 103.91	\$ 107.03	\$ 110.24	\$ 113.55	\$ 116.95	\$ 120.46	\$ 124.07	\$ 127.80	\$ 131.63	\$ 135.58
0001 DB01	Systems Architect – Level I	HR	\$ 108.02	\$ 111.26	\$ 114.60	\$ 118.04	\$ 121.58	\$ 125.22	\$ 128.98	\$ 132.85	\$ 136.84	\$ 140.94
0001 DB02	Systems Architect – Level II	HR	\$ 125.21	\$ 128.97	\$ 132.84	\$ 136.82	\$ 140.92	\$ 145.15	\$ 149.51	\$ 153.99	\$ 158.61	\$ 163.37
0001 DC01	Systems Engineer – Level I	HR	\$ 94.73	\$ 97.57	\$ 100.50	\$ 103.51	\$ 106.62	\$ 109.82	\$ 113.11	\$ 116.51	\$ 120.00	\$ 123.60
0001 DC02	Systems Engineer – Level II	HR	\$ 104.71	\$ 107.85	\$ 111.09	\$ 114.42	\$ 117.85	\$ 121.39	\$ 125.03	\$ 128.78	\$ 132.64	\$ 136.62
0001 DC03	Systems Engineer – Level III	HR	\$ 117.16	\$ 120.67	\$ 124.30	\$ 128.02	\$ 131.86	\$ 135.82	\$ 139.90	\$ 144.09	\$ 148.41	\$ 152.87
0001 DD00	System Operator	HR	\$ 46.97	\$ 48.38	\$ 49.83	\$ 51.33	\$ 52.87	\$ 54.45	\$ 56.08	\$ 57.77	\$ 59.50	\$ 61.29
0001 DE00	System Programmer	HR	\$ 92.32	\$ 95.09	\$ 97.94	\$ 100.88	\$ 103.91	\$ 107.02	\$ 110.23	\$ 113.54	\$ 116.95	\$ 120.46
0001 DF01	Technical Writer/Editor – Level I	HR	\$ 46.84	\$ 48.25	\$ 49.69	\$ 51.18	\$ 52.72	\$ 54.30	\$ 55.93	\$ 57.61	\$ 59.34	\$ 61.12
0001 DF02	Technical Writer/Editor – Level II	HR	\$ 55.79	\$ 57.46	\$ 59.19	\$ 60.96	\$ 62.79	\$ 64.68	\$ 66.62	\$ 68.61	\$ 70.67	\$ 72.79
0001 DF03	Technical Writer/Editor – Level III	HR	\$ 70.76	\$ 72.88	\$ 75.07	\$ 77.32	\$ 79.64	\$ 82.03	\$ 84.49	\$ 87.03	\$ 89.64	\$ 92.33
0001 DG01	Telecommunications Engineer – Level I	HR	\$ 59.95	\$ 61.75	\$ 63.60	\$ 65.51	\$ 67.47	\$ 69.50	\$ 71.58	\$ 73.73	\$ 75.94	\$ 78.22
0001 DG02	Telecommunications Engineer – Level II	HR	\$ 67.93	\$ 69.97	\$ 72.07	\$ 74.23	\$ 76.46	\$ 78.75	\$ 81.11	\$ 83.55	\$ 86.05	\$ 88.63
0001 DH01	Telecommunications Specialist – Level I	HR	\$ 68.61	\$ 70.67	\$ 72.79	\$ 74.97	\$ 77.22	\$ 79.54	\$ 81.92	\$ 84.38	\$ 86.91	\$ 89.52
0001 DH02	Telecommunications Specialist – Level II	HR	\$ 79.44	\$ 81.82	\$ 84.28	\$ 86.81	\$ 89.41	\$ 92.09	\$ 94.86	\$ 97.70	\$ 100.63	\$ 103.65
0001 DI00	Test Engineer	HR	\$ 89.75	\$ 92.44	\$ 95.22	\$ 98.07	\$ 101.01	\$ 104.04	\$ 107.17	\$ 110.38	\$ 113.69	\$ 117.10
0001 DJ00	Training Manager	HR	\$ 97.59	\$ 100.52	\$ 103.53	\$ 106.64	\$ 109.84	\$ 113.13	\$ 116.53	\$ 120.02	\$ 123.62	\$ 127.33
0001 DK01	Training Specialist – Level I	HR	\$ 68.61	\$ 70.67	\$ 72.79	\$ 74.97	\$ 77.22	\$ 79.54	\$ 81.92	\$ 84.38	\$ 86.91	\$ 89.52
0001 DK02	Training Specialist – Level II	HR	\$ 81.60	\$ 84.05	\$ 86.57	\$ 89.17	\$ 91.84	\$ 94.60	\$ 97.43	\$ 100.36	\$ 103.37	\$ 106.47
0001 DL00	Web Content Administrator	HR	\$ 74.80	\$ 77.04	\$ 79.36	\$ 81.74	\$ 84.19	\$ 86.71	\$ 89.32	\$ 91.99	\$ 94.75	\$ 97.60
0001 DM00	Web Designer	HR	\$ 66.28	\$ 68.27	\$ 70.32	\$ 72.43	\$ 74.60	\$ 76.84	\$ 79.14	\$ 81.52	\$ 83.96	\$ 86.48
0001 DN00	Web Project Manager	HR	\$ 110.67	\$ 113.99	\$ 117.41	\$ 120.93	\$ 124.56	\$ 128.30	\$ 132.15	\$ 136.11	\$ 140.19	\$ 144.40
0001 DO00	Web Software Developer	HR	\$ 89.75	\$ 92.44	\$ 95.22	\$ 98.07	\$ 101.01	\$ 104.04	\$ 107.17	\$ 110.38	\$ 113.69	\$ 117.10
0001 DP00	Webmaster	HR	\$ 90.17	\$ 92.88	\$ 95.66	\$ 98.53	\$ 101.49	\$ 104.53	\$ 107.67	\$ 110.90	\$ 114.22	\$ 117.65
0001 DQ00	Wide Area Network Administrator	HR	\$ 97.33	\$ 100.25	\$ 103.26	\$ 106.36	\$ 109.55	\$ 112.83	\$ 116.22	\$ 119.70	\$ 123.29	\$ 126.99