

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1 40

| | | | | | |
|--|--|---|--------------------------|---|----------------|
| 1. DATE OF ORDER 02/10/2011 | | 2. CONTRACT NO. (If any) HSHQDC-09-D-00062 | | 6. SHIP TO: a. NAME OF CONSIGNEE Preparedness (Ballston) | |
| 3. ORDER NO. HSHQDC-11-J-00063 | | 4. REQUISITION/REFERENCE NO. RNNC-10-00024 | | b. STREET ADDRESS 1110 N. Glebe Rd | |
| 5. ISSUING OFFICE (Address correspondence to) U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | | | c. CITY Arlington | d. STATE VA |
| 7. TO: a. NAME OF CONTRACTOR SCIENCE APPLICATIONS INTERNATIONAL CORPORATION | | | | f. SHIP VIA | |
| b. COMPANY NAME | | | | 8. TYPE OF ORDER | |
| c. STREET ADDRESS 10260 CAMPUS POINT DRIVE MAIL STOP G2 | | | | <input type="checkbox"/> a. PURCHASE REFERENCE YOUR: <input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY SAN DIEGO | | e. STATE CA | f. ZIP CODE 921211578 | Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE | |
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) | | | | | |
| <input type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. EMERGING SMALL BUSINESS | | | | | |
| 12. F.O.B. POINT Destination | | | | | |
| 13. PLACE OF a. INSPECTION Destination | | 14. GOVERNMENT B/L NO. | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) Multiple | |
| b. ACCEPTANCE Destination | | | | 16. DISCOUNT TERMS Net 30 | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|--|--|---------------------------|-------------|-------------------|---------------|---------------------------|
| | DUNS Number: 148095086+0000 This is a Cost Plus Fixed Fee type task order. The contractor shall provide Telecommunications Technical Support Services (TTSS) to the U.S. Department of Homeland Security, National Communications Continued ... | | | | | |
| 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| 21. MAIL INVOICE TO: | | | | | | |
| a. NAME - Business Office (Invoice Proc.) | | | | | | \$1,590,950.80 |
| b. STREET ADDRESS U.S. Dept. of Homeland Security Bldg. 410 245 Murray Drive, SW | | | | | | |
| c. CITY Washington | | | | | | \$1,590,950.80 |
| d. STATE DC | | | | | | |
| e. ZIP CODE 20528 | | | | | | |

22. UNITED STATES OF AMERICA BY (Signature)

(b)(6)

23. NAME (Typed)
Robert Degnan
TITLE: CONTRACTING/ORDERING OFFICER

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ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

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DATE OF ORDER

CONTRACT NO.

02/10/2011

HSHQDC-09-D-00062

ORDER NO.

HSHQDC-11-J-00063

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| | <p>System. All applicable clauses from the contractors basic Scientific, Engineering & Technical Assistance Services (SETA II) contract HSHQDC-09-D-00062 are in full force and effect.</p> <p>AAP Number: 63422 DO/DPAS Rating: NONE Admin Office: U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528</p> <p>Mark For: Department of Homeland Security Office of Procurement Operations 245 Murray Lane Bldg. 410 Washington DC 20528</p> <p>Period of Performance: 02/11/2011 to 02/10/2013</p> | | | | | |
| 0001 | <p>Program Management Base year</p> <p>Total Line Item Value\$ (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Accounting Info: NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024</p> <p>Funded: (b)(4)</p> | | | | (b)(4) | |
| 0002 | <p>Technical Assessments, Analyses, Studies, White Papers and Reports.</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Accounting Info: Continued ...</p> | | | | 0.00 | |

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(b)(4)

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**ORDER FOR SUPPLIES OR SERVICES
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DATE OF ORDER 02/10/2011 CONTRACT NO. HSHQDC-09-D-00062

ORDER NO. HSHQDC-11-J-00063

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0003 | <p>NONE</p> <p>Funded: \$0.00</p> <p>Standard Base Year</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Accounting Info: NSEP000000 LO 0403-02-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024</p> <p>Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024</p> <p>Funded: (b)(4)</p> <p>Modeling</p> | | | | (b)(4) | |
| 0004 | <p>Modeling Base year</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Accounting Info: NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024</p> <p>Funded: (b)(4)</p> | | | | | |
| 0005 | <p>Cable Infrastructure Base Year</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Accounting Info: NONE</p> <p>Funded: \$0.00</p> <p>Continued ...</p> | | | | 0.00 | |

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DATE OF ORDER 02/10/2011 CONTRACT NO. HSHQDC-09-D-00062

ORDER NO. HSHQDC-11-J-00063

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0006 | Security and Reliability Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES Accounting Info: NONE Funded: \$0.00 | | | | 0.00 | |
| 0007 | Demonstrations Total Line Item Value \$428,148.56 Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES Accounting Info: NONE Funded: \$0.00 | | | | 0.00 | |
| 0008 | Fix fee on Labor Base year (CLINS 0001= (b)(4) 0004 (b)(4) Delivery: 5 Days After Award Accounting Info: NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) Accounting Info: NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) Accounting Info: NSEP000000 LO 0403-02-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) Funding for Surge and Ad-Hoc studies | | | | (b)(4) | |
| 0009 | Surge Studies (Ad-Hoc) Base year (Optional) Continued ... | | | | 0.00 | |

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ORDER FOR SUPPLIES OR SERVICES
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DATE OF ORDER CONTRACT NO.

02/10/2011 HSHQDC-09-D-00062

ORDER NO.

HSHQDC-11-J-00063

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|--|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| | Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES Accounting Info: NONE Funded: \$0.00 | | | | | |
| 0010 | Travel - Base Year Total Line Item Value (b)(4) Accounting Info: NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded (b)(4) | | | | (b)(4) | |
| 0011 | ODC - Base Year Total ODC Not To Exceed Cost for this line item is (b)(4) Total Line Item Value (b)(4) Accounting Info: NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) | | | | | |
| 1001 | Option Year Program Management Amount: (b)(4) Option Line Item) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES | | | | | 0.00 |
| 1002 | Option Year Technical Assessments Amount: (b)(4) Option Line Item) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES | | | | | 0.00 |
| 1003 | Option Year Standard Continued ... | | | | | 0.00 |
| TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H)) | | | | | (b)(4) | |

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CONTRACT NO.

02/10/2011

HSHQDC-09-D-00062

ORDER NO.

HSHQDC-11-J-00063

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|--|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 1004 | Amount: (b)(4) Option Line Item) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES Option Year Modeling Amount: (b)(4) (Option Line Item) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES | | | | 0.00 | |
| 1005 | Option Year Cable Infrastructure Amount: (b)(4) (Option Line Item) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES | | | | 0.00 | |
| 1006 | Option Year Security and Reliability Amount: (b)(4) Option Line Item) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES | | | | 0.00 | |
| 1007 | Option Year Demonstrations Amount: (b)(4) Option Line Item) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES | | | | 0.00 | |
| 1008 | Option Year Labor Flx fee Amount: (b)(4) Option Line Item) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES | | | | 0.00 | |
| 1009 | Option Year Surge Studies (Ad-Hoc) (Optional) Continued ... | | | | 0.00 | |
| TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H)) | | | | | \$0.00 | |

**ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION**

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DATE OF ORDER CONTRACT NO.

02/10/2011 HSHQDC-09-D-00062

ORDER NO.

HSHQDC-11-J-00063

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| | Amount: (b)(4) Option Line Item) | | | | | |
| | Total Line Item value (b)(4) | | | | | |
| | Product/Service Code: R425 | | | | | |
| | Product/Service Description: ENGINEERING & TECHNICAL SERVICES | | | | | |
| 1010 | Option Year Travel | | | | 0.00 | |
| | Amount: (b)(4) Option Line Item) | | | | | |
| 1011 | Option Year ODC | | | | 0.00 | |
| | (b)(4) Item) | | | | | |
| | (b)(6) | | | | | |
| | 2/10/11 | | | | | |

The total amount of award: \$15,710,403.76.
The obligation for this award is shown in
box 17(i).

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\$0.00

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STATEMENT OF WORK

Telecommunications Technical Support Services

1 Background:

1.1 Introduction:

The traditional circuit-switched network, called the Public Switched Telephone Network (PSTN), mainly supports voice services. It is being transitioned to a packet-switched network, called the Next Generation Network (NGN), which will support voice and broadband services over wireline backbone networks with wireline and wireless access networks. NGN will make use of Quality of Service (QoS) enabled transport technologies, in which service-related functions are independent of the underlying multiple broadband, transport technologies.

Presidential Executive Order 12472 (EO 12472) directs the Office of the Manager, National Communications System (OMNCS) to "...include planning for, developing, and implementing enhancements to the national telecommunications infrastructure to achieve measurable improvements in survivability, interoperability, and operational effectiveness under all conditions and seeking greater effectiveness in managing and using national telecommunication resources to support the Government during any emergency." In addition, the President's National Security Telecommunications Advisory Committee's (NSTAC) Next Generation Network Task Force (NGNTF) Report of March 28, 2006, and subsequent reports, has recommended to the President that the OMNCS include NGN technology in its planning for future national security and emergency preparedness (NS/EP) telecommunications evolutionary programs. The OMNCS' must ensure the seamless transition from PSTN-based Priority Services to NGN-based Priority services.

The OMNCS requires technical support to fulfill the mission of EO 12472, the intent of the Office of Management and Budget (OMB) circular number A-119 on Government participation in voluntary standards development, and NSTAC objectives and recommendations. In general, the support required includes technical studies, analyses and prototype testing; white papers and technical reports; identification or recommendations of standards and Request For Comments (RFCs) with specific functionalities that have good potential for priority service approaches, and technical contributions to non-governmental standards bodies.

1.2 Standards Background:

The OMNCS mission requires that NS/EP personnel be offered priority communication services across all networks. Wireless Priority Services (WPS) provide the basis for such priority capabilities in current 2nd Generation (2G) wireless networks. The telecommunication industry standards groups are addressing the evolution of wireless networks from the current 2G/2.5G technologies/systems to 3rd Generation (3G), Wireless Fidelity (WiFi), Worldwide Interoperability for Microwave Access (WiMax), IP

Multimedia Subsystem (IMS), and Long Term Evolution (LTE) based technologies/systems, which will provide greater efficiencies and additional user services. Other wireless networks that may be of interest are Universal Mobile Telecommunications System (UMTS), Wireless Local Area Networks (LAN), Ultra Mobile Broadband (UMB), and satellite. Industry groups are also looking into the structure of Service Level Agreements (SLAs) that will be necessary to spell out performance and quality of service criteria beneficial to users.

As the wireless networks evolve, NGN Priority Services need to be incorporated into the newer technologies and network types. As a result, work is needed to specify the end-to-end NGN priority service capabilities for real-time voice, data, video and multimedia communication services. Some of the standards groups where the interests of OMNCS need to be promoted are: 3rd Generation Partnership Project (3GPP), 3GPP2, the Alliance for Telecommunications Industry Solutions (ATIS), the International Telecommunication Union (ITU), the Telecommunications Industry Associates (TIA), the Institute of Electrical and Electronics Engineers (IEEE), the Internet Engineering Task Force (IETF), the European Telecommunications Standards Institute (ETSI), the TeleManagement Forum (TMF), the WiMAX Forum, and similar bodies and security.

1.3 Modeling Background:

The OMNCS uses modeling and simulation capabilities to conduct analyses of the evolving public and private telecommunications systems in support of its NGN Priority Services mission. Modeling, Analysis, and Technical Assessments (MATA) maintains a telecommunications infrastructure modeling and analysis capability to identify those assets most critical to the successful operation of NGN Priority Services missions, to predict and mitigate the effect of telecommunications failures on the national leadership's ability to communicate during times of crisis, and to conduct studies to quantify the dependence of critical government networks on existing and new telecommunications technologies. MATA must continually model, simulate, and analyze telecommunications technologies because of significant technological changes in telecommunications networks. This task will provide OMNCS with expertise and updated information about the changing telecommunications infrastructure, helping to resolve gaps in the current suite of tools, and effectively manage additional modeling and simulation capabilities.

1.4 Cable Infrastructure Background:

The OMNCS has developed undersea cable infrastructure (UCI) analysis and health assessment capabilities that help influence network design and services to further the NGN Priority Services mission. Because of significant dependence of the global telecommunications network on undersea cable transport, the OMNCS must continually review the resiliency and survivability of this critical infrastructure. This task will provide OMNCS with ongoing analyses of this infrastructure; assistance in the development of a mitigation, warning, and verification process and plan; modeling of failures and restoration; and analysis of alternative transport capabilities.

1.5 Security Background:

To support voice, data, and video, services, various telecommunications standards bodies have specified NGN architectures based on the 3GPP IMS. These new distributed architectures introduce a new set of risks for the NGN itself and the interconnection to the legacy PSTN.

The OMNCS has responded to this major shift in the telecommunications infrastructure by working to define NGN Priority Services for NGN/IMS networks. It is critical that security risks in access networks and the core network be mitigated up front to protect the users and services from unauthorized use, and service availability and integrity exploits. It is also critical to understand the security needs of service providers, who have vested interests in protecting their networks and customers, and the OMNCS and its authorized service users, who have specific security needs associated with the NGN Priority Services being provided.

2 Tasks:

Various task deliverables and delivery schedules are shown at end of this section.

2.1 Task 1: Program Management

- A summary of resource expenditures for all tasks (including a breakdown of the individual cost elements i.e. OMNCS program management support, program review/auditing, contracts management, strategic planning, etc). The core objective is to show an association between contract expenditures and task order deliverables.
- An overview of work completed, in progress, and planned for each task.
- A Microsoft Excel spreadsheet (exact format will be provided upon task order award) that includes the following:
 - Labor hours expended by task, name, and labor category.
 - Other Direct Costs (ODC) and Travel Expenses incurred. Supporting documentation may be requested, as necessary, by the Contracting Officer's Technical Representative (COTR).

2.1.1. Conduct an initial kickoff Technical Interchange Meeting (TIM) within 15 business days after formal acceptance of this contract to review tasks requirements and establish firm dates for the tasks identified in section 3 of the deliverable schedule.

2.1.2. Provide Project Management Plans for the individual tasks in Microsoft (MS) Project format with appropriate Work Breakdown Structures (WBS) that reflect resources by labor category, milestones, project start/completion dates, and other applicable information to assist the Government Program Manager (PM) or Tasks Manager (TM) in assessing costs, budget, and schedule.

2.1.3. Hold Quarterly Program Reviews (QPRs) within 15 business days and deliver Monthly Status Reports (MSRs) within ~~ten~~ business days of the end of the quarter or month. At a minimum, MSRs should include the following:

- Tasks worked, hours expended on tasks and labor categories used per task
- An overview of work completed, in progress, and planned
- Identification of problem areas with recommended remedial actions
- Summary of resource expenditures
- Status of all issues identified during the course of the last review
- Other Direct Costs (ODCs)
- Minutes of meetings attended
- Other items as required by the Government PM or TM

2.2 Task 2: Technical Assessments, Analyses, Studies, White Papers and Reports

As telecommunications network technologies continue to evolve and are implemented in the public switched network, numerous network improvements are expected. Such improvements cover areas such as wireless, broadband, management, and optical networking technologies. The Government may select specific technical topics related to these improvements for which the contractor shall prepare technical talks or presentations. The results of this work shall also be documented in technical reports, white papers, and briefings.

2.2.1 When directed by the OMNCS, the contractor shall conduct studies to determine how improvements and advances in telecommunications technologies may impact the security of the public network and the mission to provide priority services in emergency/overload conditions. The contractor shall identify major issues of concern that may be associated with the improvement or introduction of new telecommunications technologies and shall recommend approaches to be taken by the Government to reduce overall vulnerability and ensure priority access.

These studies shall be based on the contractor's knowledge of the introduction of these technologies and will emphasize the security vulnerabilities and priority aspects of the architectures for the Government Emergency Telecommunications Services (GETS) application, extending to NGN Priority Services applications. Contractor's analysis will also support network security information exchange (NSIE). Topics to be reported on may include, but are not limited to, advances related to presence, messaging, identity management, software defined radios, new wireless technologies, Automatic Switched Transport Networks (ASTN), Application Programming Interface (API) based service creation environments, emerging protocols (e.g., Session Initiation Protocol (SIP) and DIAMETER (is a protocol that authenticates remote dial-up users), network timing and synchronization, network controlled intelligent devices, smart cards, voice

recognition, network based storage and computing, network evolution, optical burst and packet switching technology, Gigabit and 10GbE, switching technologies for optical networks, wavelength agility and its applications, transport technologies (e.g., Dense Wavelength Division Multiplexing (DWDM), undersea cable) and quantum cryptography.

- 2.2.2** As required by the Government, the contractor shall propose appropriate capabilities to address shortfalls in NGN Priority Services and provide overviews and analyses of a full spectrum of these technology topics. Additionally, the contractor may be asked to identify technical focus areas in the NGN wireline standards and wireless standards where priority services are not fully addressed or defined.
- 2.2.3** As required by the Government, the contractor shall conduct research that analyzes service survivability mechanisms of emerging broadband IP-based technologies, helping to specify and develop processing priorities and service survivability functionality for these emerging networks, and working on control and restoration regimes that can restore services on a priority basis after a major transport failure event. The work will be applicable to private Government networks, public networks, and integrated private-public networks. The contractor shall also conduct research that analyzes the survivability of the expected architecture of the NGN. Based on a provided set of threat assumptions, the survivability of that network and availability of network resources and bandwidth to support NGN Priority Services applications will be modeled and estimated. These analyses shall be documented in a series of technical reports.

2.3 Task 3: Standards

2.3.1 ITU-T Study Group 2 (Operational aspects of service provision, networks and performance)

Study Group 2 is responsible for studies relating to:

- principles of service provision, definition and operational requirements of service emulation;
- numbering, naming, addressing requirements and resource assignment including criteria and procedures for reservation and assignment;
- routing and interworking requirements;
- operational aspects of networks and associated performance requirements including network traffic management, quality of service (traffic engineering, operational performance and service measurements);
- operational aspects of interworking between traditional telecommunication networks and evolving networks; and

The contractor shall support the OMNCS with standardization work (e.g., technical contributions, analysis, other technical initiatives) toward the primary objective of fully integrating NGN Priority Services management and information

sharing requirements in emerging commercial telecommunication service capabilities.

2.3.2 ITU-T Study Group 11 (Protocols and test specifications)

Study Group 11 is responsible for studies relating to signaling requirements and protocols for telephony, Intelligent Networks (IN), Integrated Services Digital Network (ISDN), and Broadband ISDN, in addition to signaling support for and interconnection to NGN and IP networks. With respect to signaling, the OMNCS currently identifies two technical work areas of interest as follows:

- Signaling requirements for new, value added, NGN and IP-based services.
- Access, core network and interconnection signaling for advanced services

The contractor shall support NGN Priority Services technical efforts, as stated above, by focusing initial technical efforts on the areas listed above. The contractor shall participate and attend meetings of Study Group 11 and associated NGN-GSI initiatives to provide technical assistance to official OMNCS delegates in the development of Recommendations in the OMNCS interest (e.g., TRQ Recommendations). Contractor support will help ensure that NGN Priority Services functionalities (from the signaling perspective) become part of ITU-T Recommendations. The contractor shall take into account Signaling System No. 7 (SS7) interfaces with respect to and interconnection to IP telephony and NGN signaling protocol development, in addition to signaling for IP-to-IP network interconnections. The contractor shall also take into account relevant task objectives, work items, and other study points relevant to NGN Priority Services.

2.3.3 ITU-T Study Group 13 (Future Networks and NGN)

Study Group 13 is the Lead Study Group in the ITU-T for NGN. With respect to this Study Group work effort the OMNCS has identified Questions 5/13 (Architecture) and 15/13 (Security) as the work areas most relevant for the contractor. Advancement of the development of Draft Recommendation Y.2205 R1 (Next Generation Networks – Emergency Telecommunications – Technical Considerations) within Question 5 is the prime document where contractor technical support is needed to assist the OMNCS editor of this draft.

The work of this Study Group, along with the work of Study Group 11, also encompasses NGN Global Standards Initiative (NGN-GSI) events of the ITU-T.

2.3.4 ITU-T Study Group 15 (Optical and other transport network infrastructures)

ITU-T Study Group 15, as the lead Study Group on optical technology and access networks is responsible for studies and Recommendations on transport network - data, management, and control planes and supporting systems. This work encompasses access and core networks including capabilities and protocols for end user - network interactions. With respect to these capabilities, the OMNCS currently identifies the following Study Group 15 families of standards

(Recommendations) that require support: Signaling, Automatic Switched Optical Network, (ASON) Architecture, Ethernet, Routing, and Discovery. If requested by the OMNCS TM, the contractor shall support technical objectives by focusing efforts on these above listed families of standards technical areas.

2.3.5 ITU-T Study Group 16 (Multimedia terminals, systems and applications)

ITU-T SG 16 is responsible for studies and specifications relating to multimedia service definition and multimedia systems. It is the Lead Study Group on Multimedia Services, Systems and Terminals. It is also the Lead Study Group on e-business and e-commerce.

Study Group 16 works on the following items:

- Definition of a framework and roadmaps for the harmonized and coordinated development of multimedia communication standardization to provide guidance across ITU-T study groups, and in close cooperation with other regional and international Standard Development Organizations (SDO) and industry forums; these studies include mobility, IP and interactive broadcasting aspects;
- Definition of multimedia protocol and network architectures;
- Operation of multimedia systems and services, including interoperability;
- Protocols for multimedia systems and services (e.g., H.248 and H.246);
- Media coding and signal processing;
- Multimedia terminals including facsimile terminals;
- QoS and end-to-end performance in multimedia systems;
- Security of multimedia systems and services;
- Ensuring end-to-end interoperability between systems and gateways;

The contractor shall support OMNCS by focusing technical efforts on some of the items listed above in support of specifying basic Emergency Telecommunications Service (ETS) capabilities in the network. The capabilities of interest will be coordinated with the contractor efforts in the other relevant ITU-T Study Groups and national standards bodies. Contractor support will help ensure that NGN Priority Services functionalities become part of emerging ITU-T Recommendations. The contractor shall take into account all task objectives, work items, and other Question Study points relevant to NGN Priority Services.

2.3.6 ITU-T Study Group 17 (Security languages and telecommunication software)

Study Group 17 has been designated the Lead SG for Telecommunication Security. If requested by the OMNCS, the contractor shall participate in this SG to facilitate and develop security capabilities related to ETS. All efforts will be coordinated with security efforts in ATIS and other Study Groups.

2.3.7 ATIS Network Performance, Reliability and Quality of Service Committee (PRQC)

PRQC develops and recommends standards, requirements, and technical reports related to the performance, reliability, and associated security aspects of telecommunications networks, as well as the processing of voice, audio, data, image, and video signals, and multimedia. PRQC also develops and recommends positions on, and fosters consistency with, standards and related subjects under consideration in other North American and international standards bodies.

If requested by the OMNCS, the contractor shall support the OMNCS with standardization work (e.g., technical contributions, analysis, other technical initiatives) toward the primary objective of fully integrating NGN Priority Services management and information sharing requirements in emerging commercial telecommunication service capabilities. The focus of this work may include assisting PRQC on ETS related topics such as Reliability/Availability and Survivability/Endurability, particularly those for which it is important to achieve consistency with other standards bodies (e.g., PTSC, TMOC, ITU-T Study Group 2). This effort may also include ETS user security requirements and the specification of ETS bearer security capabilities.

2.3.8 ATIS Packet Technologies and Systems Committee (PTSC)

The PTSC is presently the key national standards body for the development and specifications of PSTN, NGN and IP-based network services, architectures, signaling/control capabilities, and network interconnection. In addition, it is responsible for the development of security capabilities for signaling and control. A major focus is on the specification of NGN IP-based infrastructures that would support Voice over IP (VoIP) and other services on a carrier's network and between networks. Reliable and secure interconnection and routing between IP networks and between the PSTN and IP networks are of major concern.

Because the PTSC serves as a prime source of USA contributions (on Signaling/Control) to ITU-T Study Group 11, the contractor shall write contributions to Study Group 11 and participate in PTSC meetings. In support of the development and specification of ETS, the contractor shall contribute to PTSC to advance the US standards and liaison activities with other ATIS subcommittees (e.g., PRQC) or other groups (e.g., IETF), as appropriate. The contractor will coordinate with the OMNCS the development of technical contributions to the PTSC intended for these other groups.

2.3.9 ATIS Telecommunications Management and Operations Committee (TMOC)

The Telecom Management and Operations Committee (TMOC) develops operations, administration, maintenance and provisioning standards, and other documentation related to Operations Support System (OSS) and Network Element (NE) functions and interfaces for communications networks - with an emphasis

on standards development related to U.S.A. communication networks in coordination with the development of international standards

The contractor, if requested by the OMNCS TM, shall support the OMNCS with standardization work (e.g., technical contributions, analysis, other technical initiatives), toward the primary objective of fully integrating NGN Priority Services management and information sharing requirements in emerging commercial telecommunication service capabilities. The focus of this work will be as directed by OMNCS and may include one or more of the following:

- development of USA contributions in support of related ITU-T Study Group 2 management activities (e.g., specification of ETS Management Service);
- Interface specification work to support Telecom Information Sharing and Analysis Center (ISAC) information interchange.

2.3.10 ATIS Optical Transport and Synchronization Committee (OPTXS)

OPTXS serves as a prime source of USA contributions to ITU-T Study Group 15. If requested by the OMNCS, the contractor shall write contributions for, and participate in, OPTXS meetings.

If requested by the OMNCS, the contractor shall submit from one to three contributions to these meetings identifying actions that OPTXS can take to promote NGN Priority Services support in Optical Networks.

2.3.11 Internet Engineering Task Force (IETF)

The Internet Engineering Task Force is an open international community of network designers, operators, vendors, and researchers concerned with the evolution and operation of IP-based architectures and services. If requested by the OMNCS Task Monitor, the contractor shall support NGN Priority Services efforts by focusing technical efforts on relevant areas of interest. Contractor support will help ensure that NGN Priority Services functionalities become part of emerging IETF protocol work.

2.3.12 TeleManagement Forum (TM Forum)

The TM Forum is an international forum of approximately 700 member companies and organizations (such as the OMNCS). The Forum provides leadership, strategic guidance and practical solutions to improve the management and operation of information and communications services. OMNCS interest areas center on the technical work and products (e.g., Guidebooks, applications notes) stemming from the Service Level Agreement Management Team (SLAM) Team and the TM Forum Government and Defense Initiative.

The contractor shall support OMNCS interests with technical inputs (contributions) by participating in relevant virtual meetings and face-to-face meetings of the SLAM Team and the Government and Defense Initiative as directed by the Task Monitor.

Specific contractor work includes:

- **TMF SLAM Team:**
 - Participate in monthly team meetings (virtual meetings)
 - Contribute (as directed by the COTR) to additional ETS-related aspects to be included in future releases of the SLA Management Handbook
 - Contribute (as directed by COTR) to additional ETS-related aspects to be included in future releases (and/or new releases) of service and/or technology specific application notes to the SLA Management Handbook
- **Security Management Project:**
 - Participate in TMF Government and Defense Initiative monthly team meetings (virtual meetings)
 - Contribute (as directed by the OMNCS Task Monitor) to TMF effort to enrich its Frameworks with full-spectrum Security Management guidance concerning architecture, processes, information and data models, applications and interfaces.
 - Contribute (as directed by OMNCS TM) security requirements that may be applied within NGN to enable better emergency telecommunications (ET) (including ETS)

The contractor shall perform analysis as necessary. The contractor shall prepare up to five technical contributions for each meeting. The contractor shall prepare meeting reports for each standards meeting attended if these meetings require travel. The contractor shall meet with the OMNCS or discuss via telephone or E-Mail coordination to help set strategic directions for this standards effort.

2.3.13 TIA TR45.8

TIA TR45.8 is responsible for core network signaling, services and capabilities for the US. WPS for CDMA systems was standardized through this standards body. Basic enhancements to WPS (e.g., new features) will be done in this group. It is expected that new priority capabilities for new services (data, video, multimedia and Voice over IP (VoIP)), beyond basic circuit-switched voice service that has been specified for WPS, will initially be started in 3GPP2. However, it is expected that the US-specific needs may then result in some of the work moving back into TR45.8.

2.3.14 3GPP2

3GPP2 is the international standards body specifying the next generation services and systems; core network; radio systems/air interface and access interfaces. This group is specifying and evolving the capabilities beyond CDMA to CDMA2000 and the new packet switched network capabilities. The contractor will initially attend the services and core network groups to advance specifications for new NGN Priority Services of interest to the OMNCS.

2.3.15 3GPP

3GPP is the international standards body specifying the next generation services and systems; core network; radio systems/air interface and access interfaces. This group is specifying and evolving the capabilities beyond GSM to Wideband-CDMA and the new packet switched network capabilities, in addition to the basic IP Multimedia Subsystem (IMS) specifications. The contractor will initially attend the services groups (e.g., SA1 and SA2) to advance specifications for new NGN Priority Services of interest to the OMNCS and support the further specification of the IMS architecture.

2.3.16 ATIS WTSC

The WTSC is responsible for specifying new services and capabilities for GSM and 3G systems, with a focus toward inputting into the 3GPP process. In particular, this group provides a US perspective (e.g., radio spectrum, services, etc.) into the international 3GPP standards group. This group can be used in support of NGN Priority Services to be developed in 3GPP. The Wireless Technologies and Systems Committee (WTSC) also provides liaison capabilities as needed to the other ATIS groups and the ITU-T. As required, the contractor shall support work within this standards body.

2.3.17 Open Mobile Alliance (OMA)

The OMA is the leading industry forum for developing market driven, interoperable mobile service enablers. OMA was formed in June 2002 by nearly 200 companies including the world's leading mobile operators, device and network suppliers, information technology companies and content and service providers. Rather than keeping the traditional approach of organizing activities around "technology silos", with different standards and specifications bodies representing different mobile technologies, working independently, OMA is aiming to consolidate into one organization all specification activities in the service enabler space.

OMA is the focal point for the development of mobile service enabler specifications which support the creation of interoperable end-to-end mobile services. OMA drives service enabler architectures and open enabler interfaces that are independent of the underlying wireless networks and platforms. OMA creates interoperable mobile data service enablers that work across devices, service providers, operators, networks, and geographies. Toward that end, OMA will develop test specifications, encourage third party tool development, and conduct test activities that allow vendors to test their implementations. The role of OMA in terms of service specifications may at times overlap with 3GPP and 3GPP2. Generally, OMA will provide the so called, stage 1 and 2 specifications (i.e., service description and call flows) with the detailed protocol and procedures in stage 3 assigned to 3GPP and/or 3GPP2.

OMA has developed the specification for Push-to-Talk over Cellular (PoC). If requested by the OMNCS, the contractor will attend the OMA to develop and specify new priority capabilities for PoC.

2.3.18 WiMax Forum and WiMax

The WiMAX Forum is an industry-led, not-for-profit organization formed to certify and promote the compatibility and interoperability of broadband wireless products based upon the harmonized IEEE 802.16/ETSI HiperMAN standard. One of the WiMAX Forum's goals is to accelerate the introduction of these systems into the marketplace. WiMAX Forum Certified™ products are fully interoperable and support broadband fixed, portable and mobile services. Along these lines, the WiMAX Forum works closely with service providers and regulators to ensure that WiMAX Forum Certified systems meet customer and government requirements. WiMax means Worldwide Interoperability for Microwave Access is a telecommunications technology that provides wireless transmission of data using a variety of transmission modes, from point to multipoint links to portable and fully mobile internet access. The technology provides up to 10 Mbps broadband speed without the need for cables. The technology is based on the IEEE 802.16 standard (also called Broadband Wireless Access). The name "WiMAX" was created by the WiMax Forum, which was formed in June 2001 to promote conformity and interoperability of the standard. The forum describes WiMAX as "a standards-based technology enabling the delivery of last mile wireless broadband access as an alternative to cable and DSL". If requested by the TM, the contractor shall attend WiMax meetings.

2.3.19 IEEE 802.16

The IEEE 802.16 Working Group on Broadband Wireless Access Standards develops standards and recommended practices to support the development and deployment of broadband Wireless Metropolitan Area Networks. IEEE 802.16 is a unit of the IEEE 802 Local Area Network/Metropolitan Area Network (LAN/MAN) Standards Committee. If requested by the TM, the contractor shall attend IEEE802.16 meetings.

2.3.20 IMS Industry Requirements Group

The current trend in the telecommunications industry is for Service Providers to offer voice, data, and multimedia services using IP-based networks. There are numerous industry and Government efforts and industry standards activities related to specifying various access and core network architectures and services. To this end, the OMNCS has spearheaded an effort with Industry to develop Industry Requirements (IRs) that transcribe the existing functionality of the GETS, WPS and SRAS services onto these new architectures.

The contractor shall continue the work of defining and refining these IRs. The contractor will record and document the results of the IR process. Teaming with the OMNCS and its key contractors, the contractor shall build upon the on-going industry efforts in the development of Issue 2 of the Core and Access IRs to support NGN priority voice, video and data services. The contractor shall coordinate and work with the OMNCS in identifying and resolving key technical and strategic issues associated with these IRs. The contractor shall work with the

OMNCS and within the IR process to ensure that NGN Priority Services capabilities are incorporated into the Core network and Access network IRs.

The contractor shall coordinate with the on-going OMNCS standards team work program. As needed and based on the IR work process and development, the contractor shall compose (develop) technical contributions or associated IR reports and recommend (to the COTR) the submission of these contributions or reports to the appropriate standards entities to enable the work of the IMS Industry Requirements Group to become part of emerging national and international standards of the telecommunication industry.

To align the IRs and to harmonize relevant technical specifications, the contractor shall also take into account during the development of proposed technical contributions or reports, the NGN architecture that will facilitate the telecommunication industry support for NGN Priority Services offerings.

2.3.21 Standards Meeting Reporting and Analyses

United States Government agencies, and major United States telecommunication Service Providers, spend millions of dollars annually for active participation in national and international telecommunication standards bodies.

Telecommunication standards are important because they facilitate the integration of new technologies into the United States telecommunication systems, systems that are essential to the United States economic health in the global economic marketplace.

In recent years, due to the rapid pace of technological progress and ever faster product development cycles, there has been a proliferation in the number of telecom-related standards bodies and an increase in the pace of such work. At the same time, however, the economic downturn in the telecommunication industry is causing government agencies, Service Providers and their companies to continually reduce personnel to increase cost effectiveness.

The contractor shall subscribe as a client and provide access to a web-based information delivery system, such as the Telcordia Standards Knowledgebase (TSK) service or similar service for up to a maximum of 100 designated users. The service shall provide information products such as meeting-specific and topic-specific analysis reports, relating to current and emerging telecommunications technologies and standards. This reporting mechanism will provide the OMNCS with high-level useful overviews of contemporary standardization activities at major national and international telecommunication related standards development committees, groups, entities, etc.

The subscription shall include a "Hot Topics" database. The Hot Topics database shall contain concise, timely impact analyses (bulletins) on critical issues and late-breaking news on specific telecom technology issues as appropriate.

OMNCS designated users shall have access to reports from the Hot Topics database via the subscription service. The subscription service shall provide easy

user friendly navigation tools. The subscription service shall provide search features to allow users access to:

- previous reports (archives) from standards committees,
- by telecom technology area,
- by keyword or
- by the priority level of key issues.

The subscription service and other web tools associated shall allow OMNCS designated users to have 24 hour 7 days access to reports. The contractor shall make all meeting-specific reports available within fifteen (15) days following the completion of a standards meeting.

The subscription service shall contain information on the following:

1. Coverage of specified US and international telecommunication standards bodies.
2. Coverage of specified telecom technology sub-topics related to telecommunication standards developments.
3. Committees covered shall include but not necessarily be limited to:
 - 3GPP
 - IEEE 802
 - IETF
 - ATIS IIF (IPTV Interoperability Forum)
 - ATIS PTSC
 - ATIS TMOC
 - ITU-T Study Group 2
 - ITU-T Study Group 11
 - ITU-T Study Group 13
 - ITU-T Study Group 16
 - ITU-T NGN-GSI
 - OIF (Optical Internetworking Forum)
 - TM Forum

In addition, at the request of the OMNCS COTR or TM, the contractor may be requested to report on the following standards activities: ATIS SON, ITU-T Study Group 15, plus some security-related committees such as ITU-T Study Group 17.

The aforementioned list of covered committees may change, during the task order year as the relevance of the standards bodies, associated committees, entities, etc.

changes due to the maturing of standards projects, the appearance of new entities, committees, etc. or mergers between or among existing these occur.

Topic-specific reports focus on the standardization of different areas of telecommunications technology (e.g., IPTV, NGN, E911, IP Telephony, IEEE LAN/WAN and WiMax Standards, OAM, Optical, Gbit Ethernet, etc.) that are being standardized in multiple standards bodies. Contractor topic-specific reports shall provide a window into the latest developments in standards work in the past quarter. The contractor shall issue at least one topic-specific report per quarter.

Primary Standards Development Meeting Support as directed by COTR:

| 3GPP Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|------------------------|----------------------------------|--------------------------|---|
| 3GPP SA#49 | September 20-23, 2011 | San Antonio, TX | 1 |
| 3GPP SA#51 | March 21-24, 2011 | United States (US) | 1 |
| 3GPP SA1#52 | November 8-12, 2011 | Malta | 1 |
| 3GPP SA2#80 | Aug 30 – Sept 3, 2011 | Brunstad | 1 |
| 3GPP SA2#81 | October 11-15, 2011 | Sophia Antipolis, FR | 1 |
| 3GPP SA2#82 | November 15-19, 2011 | US | 1 |
| 3GPPCT1#67 | October 11-15, 2011 | Barcelona, Spain | 1 |
| 3GPPCT1#68, 3GPPCT3#60 | November 15-19, 2011 | US | 1 |
| 3GPPCT1 | TBD, 2011 | TBD | 1 |
| 3GPPRAN2#71 | August 23-27, 2011 | Madrid, Spain | 1 |
| 3GPPRAN2#71-BIS | October 11-15, 2011 | China | 1 |
| 3GPPRAN2#72 | November 15-19, 2011 | US | 1 |
| 3GPPRAN2 | 2011 | US | 1 |

| 3GPP2 Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|--------------------|----------------------------------|--------------------------|---|
| 3GPP2/TR45.8 | September 13-17, 2011 | Japan | 1 |
| 3GPP2/TR45.8 | October 25-29, 2011 | North America | 1 |
| 3GPP2/TR45.8 | December 6-10, 2011 | Hawaii | 1 |
| 3GPP2/TR45.8 | 2011 | TBD | 1 |
| 3GPP2/TR45.8 | 2011 | TBD | 1 |

| ITU-T NGN-GSI (SG11 & SG13) Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|--|--------------------------------------|--------------------------|---|
| ITU-T NGN-GSI (SG 11 & SG 13) | September 6-17, 2011 | Geneva, Switzerland | 2 |
| ITU-T (SG 11 & SG 13) | TBD (9 days) | Geneva, Switzerland | 2 |
| ITU-T NGN GSI | May 9-20, 2011 | Geneva, Switzerland | 2 |

| ITU-T SG16 Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|-------------------------|--|--------------------------|---|
| ITU-T SG 16 | July 19-30, 2011 | Geneva, Switzerland | 1 |
| ITU-T SG16 | April 2011 (9 days) | Geneva, Switzerland | 1 |

| ATIS PTSC Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|----------------------------|--------------------------------------|--------------------------|---|
| ATIS PTSC | August 19-30, 2011 | Montreal or Vancouver | 2 |
| ATIS PTSC | November 1-5, 2011 | Savannah, GA | 2 |
| ATIS PTSC | Jan/Feb 2011 | US | 2 |
| ATIS PTSC | April/May 2011 | US | 2 |

| TM Forum Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|-----------------------|--------------------------------------|--------------------------|---|
| TM Forum | July 19-23, 2011 | Baltimore, MD | 1 |
| TM Forum | January 2011 (1 week) | Cascais, Portugal | 1 |
| TM Forum | June 2011 (1 week) | Baltimore, MD | 1 |

**Secondary Standard Development Meeting Support – At the discretion of the
COTR:**

| 3GPP Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|-------------------|--------------------------------------|------------------------------|---|
| 3GPP SA#50 | December 13-16, 2011 | Istanbul, Turkey | 1 |
| 3GPP SA#52 | June 6-9, 2011 | TBD | 1 |
| 3GPPSA1#51 | August 23-27, 2010 | Asia | 1 |
| 3GPP SA1 | February 2011 (1 week) | TBD | 1 |
| 3GPP SA1 | May 2011 (1 week) | TBD | 1 |

| | | | |
|------------------------|-----------------------|--------|---|
| 3GPP SA2 | January 2011 (1 Week) | US | 1 |
| 3GPP SA2 | April 2011 (1 Week) | Europe | 1 |
| 3GPPCT1#66, 3GPPCT3#59 | August 23-27, 2011 | China | 1 |
| 3GPPCT1 | 2011 | TBD | 1 |
| 3GPPCT1 | 2011 | TBD | 1 |
| 3GPPRAN2 | 2011 | TBD | 1 |
| 3GPPRAN2 | 2011 | TBD | 1 |

| 3GPP2Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|-------------------|----------------------------------|--------------------------|---|
| 3GPP2/TR45.8 | August 2-6, 2011 | Korea | 1 |
| 3GPP2/TR45.8 | 2011 | TBD | 1 |
| 3GPP2/TR45.8 | 2011 | TBD | 1 |

| WiMAXGroup | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|-------------------|----------------------------------|--------------------------|---|
| WiMAX Forum NWG | Sept 27 – Oct 1, 2011 | Seoul, Korea | 1 |
| WiMAX Forum NWG | November 1-5, 2011 | Dallas, TX | 1 |
| WiMAX | 2011 | TBD | 1 |
| WiMAX | 2011 | TBD | 1 |
| WiMAX | 2011 | TBD | 1 |
| WiMAX | 2011 | TBD | 1 |

| IEEE802.16 Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|-------------------------|----------------------------------|--------------------------|---|
| IEEE 802.16 | 13-16 Sept 2011 | St. Petersburg, Russia | 1 |
| IEEE802.16 | 8-11, Nov, 2011 | Dallas, TX | 1 |
| IEEE802.16 | 14-17 March 2011 | Singapore | 1 |

| ATIS WTSC Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|------------------------|----------------------------------|--------------------------|---|
| ATIS WTSC | 2011 | US | 1 |
| ATIS WTSC | 2011 | US | 1 |

| ATIS TMOC Group | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|-----------------|---------------------------|-------------------|------------------------------------|
| ATIS TMOC | August 2011 | US | 1 |
| ATIS TMOC | April/May 2011 | US | 1 |

| Study Groups 15, 17, IETF, Open Mobile Alliance, and DoS Preparatory | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|--|---------------------------|---------------------------|------------------------------------|
| ITU-T SG 15 | TBD, 1 meeting | Geneva, Switzerland | 1 |
| ITU-T SG 17 | TBD, 2 meetings | Geneva, Switzerland | 1 |
| IETF | TBD, 1 meeting | TBD | 1 |
| OMA | TBD, 1 meeting | TBD | 1 |
| Department of State ITU-T Preparatory Meetings | TBD | Washington, DC metro area | TBD |

Notes on Travel for Meetings:

Based on the aforementioned Tables, the contractor may expect to incur periodic local (within a 50 mile radius of the capital region) however local travel will not be reimbursed. Long distance travel costs for this effort (especially travel related to standards participation) must have prior approval of Government COTR or Task Monitor (via email).

1. All long distance contractor travel shall be in accordance with the Federal Travel Regulations. The contractor shall request via email to the COTR or lead task monitor, a written authorization from the COTR for travel outside the capital region. All travel requests outside the capital region must be submitted to the COTR thirty (30) days prior to scheduled departure date. The contractor shall provide the following information in the travel request letter:
 - a. Name of contractor personnel who will be traveling.
 - b. Dates and location of the proposed travel.
 - c. Reasons for the travel and the work the contractor will do while on travel.

The contractor is encouraged to purchase non-refundable tickets whenever feasible to reduce travel costs.

2. Projections of an additional number of meetings are made as "TBD" without specific dates and locations. These specific projections are based on historical data with respect to the frequency of meetings. Therefore, contractor shall take into account historical data as necessary with respect to "Travel."
3. The above listed travel may be slightly adjusted by the Government from time to time during the course of this Task Order because events out of control of the Government. Such events include: standards group reorganizations, unforeseen adjustments or cancellations of standards meetings, etc.

2.4 Task 4: Network Modeling

The OMNCS uses telecommunications modeling and simulation capabilities to conduct analysis in support of NGN Priority Services. Because of significant technological changes in the public switched network, the OMNCS must continually review its modeling and simulation capabilities to assess their applicability to the newer technologies. The contractor shall provide technical consultation on modeling issues crucial to the delivery of NGN Priority Services; support in acquiring data for critical infrastructure vulnerability assessments; and perform ad hoc telecommunications studies/analyses as required.

The contractor shall build upon existing studies, computer simulations, and other reliability analyses to provide traffic-engineering tools to assist OMNCS in assessing and optimizing public network reliability, identifying network disruptions, and restoring services in support of Homeland Security Presidential Directive 7 (HSPD 7) and associated Critical Infrastructure Protection (CIP) initiatives. It is expected that the contractor shall create end to end models and tests to validate that the various access and core NGN Priority Services mechanisms developed as Industry Requirements (IRs) actually perform as expected during simulations of NS/EP events. This subtask shall entail developing realistic NS/EP test scenarios and traffic conditions for the end to end models.

- 2.4.1 Provide ad hoc telecommunications analyses/analysis verification as required by the OMNCS
- 2.4.2 Provide telecommunications and modeling consultation in person or via teleconference (as directed by the Government), on telecommunications and modeling topics selected jointly with OMNCS.
- 2.4.3 Support acquisition of communications asset and topology data when requested by OMNCS.
- 2.4.4 Process all received data and summarize results in MS Word documents, MS Excel spreadsheets, and/or MS PowerPoint files, or as designated by the TM.
- 2.4.5 Provide guidance and advice in securing the necessary data access agreement with the carrier(s)

2.4.6 Develop modeling analyses reports, whitepapers, and briefings in MS Word and/or MS PowerPoint files, or as designated by the TM. Potential topics include, but are not limited to:

- network recovery process after attacks/outages
- priority services deployment using next generation network (NGN) communications technologies
- multimedia network traffic characteristics and their impacts on admission control and priority routing schemes

2.5 Task 5: Cable Infrastructure Support

As directed by the Task Monitor, the contractor will provide the following services:

2.5.1 Periodic updates of UCI standalone SQL Database to provide accurate data for quantifying the health of the UCI. The updates include:

- New cables systems (including capacity, cable landings information etc.)
- Retired cable systems
- Upgraded cable systems (e.g., cable systems upgraded to DWDM)
- Service affecting outages
- Number of repair ships in service

2.5.2 Make enhancements to UCI Health Metric and SQL Database.

2.5.3 Characterization of undersea characterization of undersea cable traffic for cable systems of the following routes (i.e., from US to Europe, US to Asia, US to Middle East, etc.)

2.5.4 Recommendation to virtualized UCI information to other Government Departments and agencies to support the missions associated with understanding and mitigation of UCI vulnerabilities:

2.5.5 Briefings and White papers as directed by Task Monitor

- Briefings and whitepapers as directed by Task Monitor.

2.6 Task 6: Security and Reliability

2.6.1 The contractor shall support the OMNCS, by coordinating with the other key OMNCS contractors and interaction with the appropriate industry players, to

- Develop the NGN Priority Services security specifications for the access and core networks.
- Develop technical and strategic views of the required security functionality for NS/EP priority services,

- Perform risk analyses of the NGN Priority Services architecture and underlying network infrastructure under various cyber threat conditions,
- Determine the security scope to address access network and core network efforts,
- Help obtain industry cooperation with the security functionality being incorporated into the Access Network IRs and the IMS Core Network IR. This will include developing and maintaining the schedules for the industry efforts.

2.6.2 The TM may require the contractor to develop and test prototype implementations of key security functionality tied to an NGN Priority Services implementation within an IMS test bed to verify the feasibility of creating integrated solutions that meet the proposed requirements. The results of this prototype testing will be presented to OMNCS in a technical report and will be fed back into the requirements process where necessary.

2.6.3 The contractor shall work with OMNCS standards representatives to identify and resolve technical issues relating to these NGN Priority Services security work efforts, as appropriate. Based on the specific access network, security requirements and the core network security baseline, this security task may include the technical contributions to be submitted to the various industry standards bodies, as appropriate. The contractor shall work with the industry to harmonize and align all standards activities with the NGN Priority Services security specifications.

2.7 Task 7: Demonstrations/Prototypes/Tests/Comparative Studies

The OMNCS work is focused on rapidly developing communications technologies and how best to exploit these technologies to support NGN Priority Services requirements. Short-term demonstrations of these capabilities, products, and concepts might be required in addition to analytical testing to prove the performance of different vendor products/technical approaches, or concepts. These demonstrations and/or tests shall be, at a minimum, in the areas of security, signaling, wireless, and packet-based technologies.

As directed by the Task Monitor, the contractor will provide the following services:

- 2.7.1** Construct prototype(s) or test-bed(s) which simulate the implementation characteristics of the priority services applications, security and signaling technologies
- 2.7.2** Validate the performance requirements specified in the NGN Priority Services industry requirements groups for access and core networks
- 2.7.3** Develop service level performance and reliability specifications.

2.7.4 Conduct demonstrations and/or testing studies to validate the performance of different vendor products/technical approaches, or concepts. These demonstrations and testing studies shall include, but not limited to, the following:

- End-to-end performance testing (including access and core networks)
- Testing of multi-access networks (including communications between different technologies networks, e.g., WIMAX and LTE networks)
- Testing of multi service provider networks

3 Deliverable/Delivery Schedule:

The aforementioned task descriptions are a synopsis of work to be performed. Following are details of the deliverables for the relevant tasks.

| Task # | Deliverable title | Due Date | Distribution | Frequency /Remarks |
|--------|--|---|----------------------|---|
| 2.1.1 | Kickoff | As directed by PM/TM | As directed by PM/TM | As directed by /PMTM |
| 2.1.2 | Project Plans and Work Break Down Structures | Within ten (10) business days of the beginning date of a Project. | As directed by PM/TM | As directed by PM/TM |
| 2.1.3 | Hold Quarterly Program Reviews (QPRs) and deliver Monthly Status Reports (MSRs). | Within fifteen (15) business days of the closing quarter and ten (10) business days of the month. | As directed by PM/TM | As directed by PM/TM |
| 2.2 | Technical Assessments, Analyses, Studies, White Papers and Reports | As scheduled by TM after award | As directed by PM/TM | As directed by PM/TM |
| 2.3.20 | Technical Contributions or Reports | As directed by PM/TM | As directed by PM/TM | As required by meeting schedules of entities listed in Section 2.3.21 Number of contributions: up to 5 per meeting. For Industry Requirements contractor work products, up to 6 reports required during the TO period of performance (PoP). |

| Task # | Deliverable title | Due Date | Distribution | Frequency /Remarks |
|--------|--|--|-----------------------------------|----------------------|
| 2.3.21 | Technical Meeting Report | 15 Days after meeting | Std Dist* | Per meeting attended |
| 2.4.1 | Ad hoc analysis/verification | As directed by TM | Std Dist* | As directed by TM |
| 2.4.2 | Telecommunications and modeling consultation | As directed by TM | Std Dist* | As directed by TM |
| 2.4.6 | Network modeling analyses reports, whitepapers, and briefings | As directed by TM | Std Dist* | As directed by TM |
| 2.5.1 | Update of UCI standalone SQL Database | As directed by TM | N/A | Ongoing |
| 2.5.2 | Enhancement of UCI Metrics and SQL Database | As directed by TM | As directed by TM | Ongoing |
| 2.5.3 | UCI Traffic Characterization for Major CONUS Routes | At the end of TO PoP | As directed by PM/TM | |
| 2.5.4 | Provide recommendations and solution for future virtualization of UCI information | Recommendations and solution eight (8) months after TO award. Final version due at the end of the PoP | As directed by PM/TM | Draft and Final |
| 2.5.5 | Briefings and Whitepapers | As directed by TM | Std Dist* | Draft and Final |
| 2.6.1 | Industry conference calls/meetings | As directed by TM | | As directed by TM |
| 2.6.1 | NGN Priority Services LTE Security Requirements & Incorporation into updated IR | Draft -- As developed Final -- Jun 2011 | Std Dist*: 1 original 5 copies | 1 time |
| 2.6.1 | IMS Core Network Security Requirements & Incorporation into updated IR | Draft -- As developed Final -- Jun 2011 | Std Dist*: 1 original 5 copies | 1 time |
| 2.6.1 | NGN Priority Services EV-DO risk analysis & security requirements Incorporation into updated IR | Drafts -- As developed Final -- Jun 2011 | Std Dist*: 1 original 5 copies | 1 time |

| Task # | Deliverable title | Due Date | Distribution | Frequency /Remarks |
|--------|--|---|--------------------------------------|--------------------|
| 2.6.1 | NGN Priority Services UMTS security requirements incorporation into updated IR | Final – Jun 2011 | Std Dist*: 1 original 5 copies | 1 time |
| 2.6.2 | NGN Priority Services Security Prototype Assessment | Drafts – As developed Final – Jun 2011 | Std Dist*: 1 original 5 copies | 1 time |
| 2.7 | As directed by TM | As directed by TM | As directed by TM | As directed by TM |

*Standard Distribution

- 1 copy of the transmittal letter without the deliverable to the Contracting Officer (CO)
- 1 copy of the transmittal letter and the deliverable to the Contracting Officer's Technical Representative (COTR)
- 1 copy of the transmittal letter and the deliverable to the Task Monitor (s) (TMs)

4 Ad-Hoc Support (Optional)

As determined to be necessary and as approved by the Government, the Contractor shall provide additional support to meet operational requirements. The Contractor shall seek Government approval in advance before incurring any costs associated with surge support. Government approval shall be authorized by the Contracting Officer

5 Packaging, Packing, and Shipping:

Final documentation deliverables shall be provided in hard and soft copy using Microsoft Office compatible products. Daily, weekly, interim, informal deliverable and working-copy products required for on-going general support may be provided by e-mail or disk (CD) as approved by the COTR.

Final Soft Copy Materials: Final soft copy deliverables shall be developed using the current version of Microsoft OFFICE software (Word, PowerPoint and/or other applications) and provided on a CD-ROM or other government-approved medium. If more than one deliverable is provided at the same time, deliverables may be on the same software medium.

Final Hard Copy Materials: Final hard copy shall be type-written on 8 ½" x 11" papers, sized appropriately for the intended deliverable. The Contractor shall not use spiral binding or other binding that interferes with photocopying.

6 Inspection and Acceptance:

Acceptance Criteria: The COTR will review all draft and final deliverables to ensure accuracy, functionality, completeness, professional quality, and overall compliance with the guidelines/requirements of the delivery order. The Contractor shall ensure the accuracy and completeness of the deliverable. Errors, misleading, or unclear statements, incomplete or irrelevant information, and or excessive rhetoric, repetition, and "padding", shall be considered deficiencies and shall be subject to correction by the Contractor at no additional cost to the Government. Unless otherwise indicated, the government will require fifteen (15) working days to review and comment on deliverables. If the deliverable does not meet the noted criteria, the Government will return it.

Rejection Procedures: After notification that the deliverable did not meet the acceptance criteria, the Contractor shall resubmit an updated/corrected version within ten (10) working days after receipt of Government comments. Upon re-submission by the Contractor, the Government will reapply the Acceptance Criteria. If the corrected version of the deliverable does not meet the acceptance criteria, the Government may consider the Contractor as having deficient performance with respect to the subject task. The Government shall have fifteen (15) working days to respond to deliverables.

7 Other Pertinent Information or Special Considerations:

Identification of Non-Disclosure Requirements: Access to proprietary data is not a fundamental requirement for execution of this task. However, when access to proprietary information is necessary to perform work, the Contractor shall be required to sign a Non-Disclosure Agreement with various members of the telecommunications industry. Contractor and all non federal employees involved in the NSIE tasks are required to sign the NSIE NDA upon award of the task order. A copy of all NDA's generated within the telecommunications industry associated with work under this task order shall be provided to the Contracting Officer.

Intellectual Property Rights: All specified draft and final deliverables become the property of the Government. All model(s) and prototypes, including all source code, compiled code, executable code, object and software algorithm that the Contractor may develop under this task order shall become the property of the Government. All OMNCS databases and the providers' proprietary data shall be used solely for official government purposes.

8 Government-Furnished Equipment (GFE)/Government-Furnished Information (GFI):

GFE: No specific Government Furnished Equipment (GFE) will be provided, but if the mission requires, OMNCS will provide GFE at the Contractor's request or authorize purchase/rental of the equipment. Upon completion of this task order, the

Contractor shall submit, to the Program Office, a complete inventory of all GFE in his/her possession under the task order that has not been tested to destruction, completely expended in performance, or incorporated and made a part of a deliverable end item. The Program Office will furnish disposition instructions for all property, which was furnished or purchased under this Task Order.

GFI: The Government will provide information to facilitate contractor performance of work with respect to Sub-Task 2.3.20, of Task 3: Standards. IMS Industry Requirements Group. The titles of this information are as follows: Core IR Document, Access IR HRPD Document, Access eHRPD Document, Access IR UMTS Document, Access IR LTE Document, Access IR WiMAX Document, Access IR Satellite Document. DHS is not providing any intellectual property rights in the Government Furnished Information beyond the date of termination or closure of the contract.

9 Security

Contract Security Classification

This contract effort is unclassified.

Contractor Information

Performance of this contract requires the Contractor to have access to sensitive but unclassified (SBU) information (includes documents and material). SBU is unclassified information for official use only. Contractor employees that do not have a security clearance and require access to SBU information will be given a suitability determination. Requirements for suitability determination are defined in paragraph 3.0, security language for SBU contracts.

The Contractor shall abide by the requirements set forth in the DD Form 254, Contract Security Classification Specification, and the National Industrial Security Program Operating Manual (NISPOM) for protection of classified information at its cleared facility, if applicable, as directed by the Defense Security Service. If the Contractor is required to have access to classified information at a DHS or other Government Facility, it shall abide by the requirements set forth by the agency.

10 Employment Eligibility

Subject to existing law, regulations and/or other provisions of this contract, illegal or undocumented aliens shall not be employed by the Contractor or perform on this contract. The Contractor shall ensure this provision is expressly incorporated into any and all subcontracts or subordinate agreements issued in support of this contract.

11 Continued Eligibility

DHS reserves the right to deny and/or restrict entrance to government facilities, prohibit employees from assigned work under the contract, deny and/or restrict handling of classified documents/material to any Contractor employee who DHS determines to present a risk of compromising classified and/or sensitive Government information.

The DHS Security Office may require drug screening at any time for probable cause and/or when the Contractor independently identifies circumstances where probable cause exists.

The Contractor shall report to the DHS Security Office any and all adverse information brought to their attention concerning employees performing under this contract. Reports based on rumor or innuendo shall not be included. The subsequent termination of employment of an employee does not obviate the requirement to submit this report. The report shall include the employee's name and social security number, along with the adverse information being reported.

12 Termination

The DHS Security Office shall be notified of all terminations/resignations within five (5) days of occurrence. The Contractor shall return to the Contracting Officer Technical Representative (COTR) all DHS issued identification cards and building passes that have either expired or have been collected from terminated employees. If an identification card or building pass is not available to be returned, a report shall be submitted to the COTR, referencing the pass or card number, name of individual to whom issued and the last known location and disposition of the pass or card.

13 Security Management

The Contractor shall appoint a senior official to act as a Security Officer. The individual shall interface with the DHS Security Office through the COTR on all security matters, to include physical, personnel, and protection of all classified documents/material handled by the Contractor.

The COTR and DHS Security Office will have the right to inspect procedures, methods and facilities utilized by the Contractor to comply with the security requirements under this contract. Should the COTR or DHS Security Office determine that the Contractor is not in compliance with the security requirements of the contract, the Contracting Officer will notify the Contractor, in writing of the appropriate action that will be taken to rectify any non-compliance to the contract security requirements.

14 Suitability Determination

DHS shall exercise full control over granting, denying, withholding or terminating unescorted government facility and/or access to or handling of both classified and sensitive Government information to Contractor employees based upon the results of a background investigation. DHS may, as deems appropriate, authorize and grant a favorable Entry On Duty (EOD) decision based on preliminary security checks. The favorable EOD decision would allow the employees to commence work temporarily prior to the completion of the full investigation. The granting of a favorable EOD decision shall not be considered as assurance that a full employment suitability authorization will follow as a result thereof. The granting of a favorable EOD decision or a full employment suitability determination shall in no way prevent, preclude, or bar the withdrawal or termination of any such access by DHS, at any time during the term of the contract. No employee of the Contractor shall be allowed unescorted access to a Government facility without a favorable EOD decision or suitability determination by the Security Office. Contract employees assigned to the contract not requiring access to sensitive DHS information or recurring access to DHS facilities will not be subject to security suitability screening.

Contract employees waiting for an EOD decision may begin work on the contract provided they do not access sensitive Government information. Limited access to Government buildings is allowable prior to the EOD decision if the Contractor is escorted by a Government employee. This limited access allows Contractors to attend briefings, non-recurring meetings and begin transition work.

15 Background Investigations

Contract employees (to include applicants, temporaries, part-time and replacement employees) under the contract, requiring access to sensitive information, shall undergo a position sensitivity analysis based on the duties each individual will perform on the contract. The results of the position sensitivity analysis shall identify the appropriate background investigation to be conducted. All background investigations will be processed through the DHS Security Office. Prospective Contractor employees shall submit the following completed forms to the DHS Security Office through the COTR no less than thirty (30) days before the start date of the contract, or thirty (30) days prior to entry on duty of any employees, whether a replacement, addition, subcontractor employee, or vendor:

Standard Form 85P, "Questionnaire for Public Trust Positions"

FD Form 258, "Fingerprint Card" (2 copies)

Conditional Access To Sensitive But Unclassified Information Non-Disclosure Agreement (DHS Form 11000-6)

Disclosure and Authorization Pertaining to Consumer Reports Pursuant to the Fair Credit Reporting Act (DHS Form 11000-9)

Required forms will be provided by DHS at the time of award of the contract. Only complete packages will be accepted by the DHS Security Office. Specific instructions on submission of packages will be provided upon award of the contract.

Be advised that unless an applicant requiring access to sensitive information has resided in the US for three of the past five years, the Government may not be able to complete a satisfactory background investigation. In such cases, DHS retains the right to deem an applicant as ineligible due to insufficient background information.

The use of Non-U.S. citizens, including Lawful Permanent Residents (LPRs), is not permitted in the performance of this contract for any position that involves access to or development of any DHS Information Technology (IT) systems. DHS will consider only U.S. Citizens and LPRs for employment on this contract. DHS will not approve LPRs for employment on this contract in any position that requires the LPR to access or assist in the development operation, management or maintenance of DHS IT systems. By signing this contract, the Contractor agrees to this restriction. In those instances where other non-IT requirements contained in the contract can be met by using LPRs, those requirements shall be clearly described.

16 Information Technology Security Clearance

When sensitive government information is processed on Department telecommunications and automated information systems, the Contractor shall provide for the administrative control of sensitive data being processed and adhere to the procedures governing such data as outlined in "DHS IT Security Program – Publication DHS MD 4300.Pub". Contractor personnel must have favorably adjudicated background investigations commensurate with the defined sensitivity level.

Contractors who fail to comply with Department security policy are subject to having their access to Department IT systems and facilities terminated, whether or not the failure results in criminal prosecution. Any person who improperly discloses sensitive information is subject to criminal and civil penalties and sanctions under a variety of laws (e.g., Privacy Act).

17 Information Technology Security Training And Oversight

All Contractor employees using Department automated systems or processing Department sensitive data shall be required to receive Security Awareness Training. This training will be provided by the appropriate component agency of DHS.

Contractors involved with management, use, or operation of any IT systems that handle sensitive information within or under the supervision of the Department, shall receive periodic training at least annually in security awareness and accepted security practices and systems rules of behavior. Department Contractors, with significant

security responsibilities, shall receive specialized training specific to their security responsibilities annually. The level of training shall be commensurate with the individual's duties and responsibilities and is intended to promote a consistent understanding of the principles and concepts of telecommunications and IT systems security.

All personnel who access Department information systems will be continually evaluated while performing these duties. Supervisors should be aware of any unusual or inappropriate behavior by personnel accessing systems. Any unauthorized access, sharing of passwords, or other questionable security procedures should be reported to the local Security Office or Information System Security Officer (ISSO).

REFERENCES

DHS Office of Security

DHS, Office of Security
Deputy Chief, Personnel Security Staff
Attn: Kimberly Lew
Washington DC 20528
Telephone: (b)(6)

Defense Security Service

Defense Industrial Security Clearance Office (DISCO)

18 Option To Extend The Term Of The Contract (52.217-9) (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 1 (one) year.

LIMITATION OF FUTURE CONTRACTING (3052.209-73)(JUN 2006)

- (a) The Contracting Officer has determined that this acquisition may give rise to a potential organizational conflict of interest. Accordingly, the attention of prospective offerors is invited to FAR Subpart 9.5--Organizational Conflicts of Interest.
- (b) The nature of this conflict is that a contractor may have had access to non-public information gained in the performance of a DHS contract that could provide them with an unfair advantage regarding the instant acquisition.
- (c) The restrictions upon future contracting are as follows:
 - (1) If the Contractor, under the terms of this contract, or through the performance of tasks pursuant to this contract, is required to develop specifications or statements of work that are to be incorporated into a solicitation, the Contractor shall be ineligible to perform the work described in that solicitation as a prime or first-tier subcontractor under an ensuing DHS contract. This restriction shall remain in effect for a reasonable time, as agreed to by the Contracting Officer and the Contractor, sufficient to avoid unfair competitive advantage or potential bias (this time shall in no case be less than the duration of the initial production contract). DHS shall not unilaterally require the Contractor to prepare such specifications or statements of work under this contract.
 - (2) To the extent that the work under this contract requires access to proprietary, business confidential, or financial data of other companies, and as long as these data remain proprietary or confidential, the Contractor shall protect these data from unauthorized use and disclosure and agrees not to use them to compete with those other companies.

(End of clause)

KEY PERSONNEL OR FACILITIES (DEC 2003)

- (a) The personnel or facilities specified below are considered essential to the work being performed under this contract and may, with the consent of the contracting parties, be changed from time to time during the course of the contract by adding or deleting personnel or facilities, as appropriate.
- (b) Before removing or replacing any of the specified individuals or facilities, the Contractor shall notify the Contracting Officer, in writing, before the change becomes effective. The Contractor shall submit sufficient information to support the proposed action and to enable the Contracting Officer to evaluate the potential impact of the change on this contract.

The Contractor shall not remove or replace personnel or facilities until the Contracting Officer approves the change.

The Key Personnel or Facilities under this Contract:

(b)(6)

(End of clause)

19. Other Limitations

The Contractor does not have any rights under the contract to use the DHS seal or other DHS intellectual property without specific permission from the Contracting Officer

Advertisements, Publicizing Awards, and News Releases

All press releases or announcements about agency programs, projects, and contract awards need to be cleared by the Program Office and the Contracting Officer. Under no circumstances shall the Contractor, or anyone acting on behalf of the Contractor, refer to the supplies, services, or equipment furnished pursuant to the provisions of this contract in any publicity news release or commercial advertising without first obtaining explicit written consent to do so from the Program Office and the Contracting Officer.

The Contractor agrees not to refer to awards in commercial advertising in such a manner as to state or imply that the product or service provided is endorsed or preferred by the Federal Government or is considered by the Government to be superior to other products or services.

Optional Task for Surge Support

The contractor shall not incur any costs under this optional task unless prior authorization is received from the Contracting Officer. The Government reserves the right to activate a portion or all of the capacity allowed under these line items 0009 and 1009 based upon the identified needs of the program office.

20. Clauses incorporated by reference

- 52.227-11 Patent Rights – Ownership by the Contractor (DEC 2007)
- 52.227-16 Additional Data Requirements (JUNE 1987)
- 52.227-17 Rights in Data – Special Works (DEC 2007)
- 52.232-22 Limitation of Funds (APR 1984)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

| | | | |
|---|--|---|--|
| 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| 2. AMENDMENT/MODIFICATION NO. P00001 | | 3. EFFECTIVE DATE See Block 16C | |
| 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO. (if applicable) | |
| 6. ISSUED BY CODE | | 7. ADMINISTERED BY (if other than Item 6) CODE | |

U.S. Dept. of Homeland Security
Office of Procurement Operations
NPPD Acquisition Division
245 Murray Lane, SW
Building 410
Washington DC 20528

U.S. Dept. of Homeland Security
Office of Procurement Operations
NPPD Acquisition Division
245 Murray Lane, SW
Building 410
Washington DC 20528

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
CYBER AND INFORMATION SOLUTIONS CO
6841 BENJAMIN DAVIS DRIVE
COLUMBIA MD 21211578

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

HSHQDC-09-D-00062

HSHQDC-11-J-00063

10B. DATED (SEE ITEM 13)

02/10/2011

CODE 8782112830000

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (if required)

See Schedule

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

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| X | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return _____ 1 _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

The purpose of this modification under task order HSHQDC-09-D-00062/HSHQDC-11-J-00063 is to change and incorporate the following information:

1. Vendor Mailing Address:

Science Application International Corporation
Cyber and Information Solution Company
6841 Benjamin Franklin Drive
Columbia, MD 21046
C/O 1710 SAIC Drive, M/S 2-2-6
McLean, VA 22102

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Robert Degnan

TE SIGNED

25/11

16C. DATE SIGNED

3/22/11

RM 30 (REV. 10-83)

3.243

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00001

PAGE OF

2

2

NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>2. Vendor CAGE CODE: 52326.</p> <p>3. Vendor DUNS Number: 878211283.</p> <p>4. CLIN 0008: Delete the text, "Delivery: 5 Days After Award"</p> <p>5. Change Task Order Contracting Officer's Technical Representative(COTR): from Christian Onwuteaka to Val Liles.</p> <p>All other terms remain unchanged.</p> <p>AAP Number: 63422 DO/DPAS Rating: NONE</p> <p>Period of Performance: 02/11/2011 to 02/10/2013</p> | | | | |

| | | | | | |
|---|--|---|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 4 | |
| 2. AMENDMENT/MODIFICATION NO. P00002 | | 3. EFFECTIVE DATE See Block 16C | | 4. REQUISITION/PURCHASE REQ. NO. RNNC-11-00094 | |
| 5. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | 6. PROJECT NO. (If applicable) | | 7. ADMINISTERED BY (If other than item 6) U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No, street, county, State and ZIP Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 21211578 | | 9A. AMENDMENT OF SOLICITATION NO. (x) | | 9B. DATED (SEE ITEM 11) | |
| CODE 8782112830000 FACILITY CODE | | 10A. MODIFICATION OF CONTRACT/ORDER NO. HSHQDC-09-D-00062 HSHQDC-11-J-00063 | | 10B. DATED (SEE ITEM 13) 02/10/2011 | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

☐ is extended, ☐ is not extended.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule.

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

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| X | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return _____ 1 _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCP section headings, including solicitation/contract subject matter where feasible.)
DUNS Number: 878211283+0000
The purpose of this modification under task order HSHQDC-09-D-00062/HSHQDC-11-J-00063 is to incorporate a realignment of funds, and to also incorporate the Resource Allocation clause. The realignment of funds for Section 17 (Schedule) of the task order pertain to the following CLINS:

- 1) CLIN 0001 increased from (b)(4)
 - 2) CLIN 0003 decreased from (b)(4)
 - 3) CLIN 0004 increased from (b)(4)
 - 4) CLIN 0008 decreased from (b)(4)
 - 5) CLIN 0010 increased from (b)(4)
- Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

| | |
|--|----------------------------|
| 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert. Pegnan | |
| 16B. DATE SIGNED Apr/2011 | 16C. DATE SIGNED 4/8/11 |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | 6) CLIN 0011 increased from (b)(4) Obligated Amount Remains: (b)(4) AAP Number: 63422 DO/DPAS Rating: NONE Discount Terms: Net 30 Mark For: Department of Homeland Security Office of Procurement Operations 245 Murray Lane Bldg. 410 Washington DC 20528 FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013 Change Item 0001 to read as follows (amount shown is the obligated amount): 0001 Program Management Base year Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) Accounting Info: NSEP000-000L0 04-03-02-00090 05 0003 00 00 00 00 GEOE 2576 RN0024 Funded: (b)(4) Change Item 0003 to read as follows (amount shown is the obligated amount): 0003 Standard Base Year Total Line Item Value\$ (b)(4) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES Accounting Info: NSEP000000 L0 0403-02-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) Continued ... | | | | (b)(4) |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 0004 | <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4)</p> <p>Change Item 0004 to read as follows (amount shown is the obligated amount):</p> <p>Modeling</p> <p>Modeling Base year</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> | | | | (b)(4) |
| 0008 | <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4)</p> <p>Change Item 0008 to read as follows (amount shown is the obligated amount):</p> <p>Fix fee on Labor Base year (CLINS 0001= (b)(4) 0004= (b)(4) Total Line Item Value (b)(4)</p> | | | | |
| 0010 | <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L0 0403-02-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4)</p> <p>Change Item 0010 to read as follows (amount shown is the obligated amount):</p> <p>Travel - Base Year Total Line Item Value (b)(4)</p> <p>Accounting Info: Continued ...</p> | | | | |
| | | | | | |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 0011 | <p>NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded (b)(4)</p> <p>Change Item 0011 to read as follows (amount shown is the obligated amount):</p> <p>ODC - Base Year</p> <p>Total ODC Not To Exceed Cost for this line item is (b)(4) Total Line Item Value\$ (b)(4)</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: (b)(4)</p> <p>The Resource Allocation clause listed below this text is incorporated into Section #21 of the statement of work, of the task order:</p> <p>The contractor is not restricted to the price delineated for the contract line item numbers (CLINs) or sub-CLINs in the price schedule if the contractor anticipates the need to shift resources (level of effort) and/or capacity amongst CLINs or sub-CLINs. The contractor is authorized to use available resources (level of effort) and/or capacity across CLINs or sub-CLINs as necessary during the performance period as long the ceiling price of this order is not exceeded. The contractor shall obtain written approval from the Contracting Officer prior to utilizing the flexibility granted under this clause.</p> <p>All other terms and conditions remain unchanged.</p> | | | | (b)(4) |

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1 CONTRACT ID CODE

PAGE OF PAGES

2 AMENDMENT/MODIFICATION NO

3 EFFECTIVE DATE

4 REQUISITION/PURCHASE REQ. NO

5. PROJECT NO. (If applicable)

P00003

07/15/2011

See Schedule

1

36

6. ISSUED BY

CODE

DHS/OPO/NPPAD/CS&

7 ADMINISTERED BY (If other than Item 6)

CODE

DHS/OPO/NPPAD/CS&

U.S. Dept. of Homeland Security
Office of Procurement Operations
NPPD Acquisition Division
245 Murray Lane, SW
Building 410
Washington DC 20528

U.S. Dept. of Homeland Security
Office of Procurement Operations
NPPD Acquisition Division
245 Murray Lane, SW
Building 410
Washington DC 20528

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
CYBER AND INFORMATION SOLUTIONS CO
6841 BENJAMIN DAVIS DRIVE
COLUMBIA MD 921211578

(x) 9A AMENDMENT OF SOLICITATION NO

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO
HSHQDC-09-D-00062

HSHQDC-11-J-00063

10B. DATED (SEE ITEM 13)

02/10/2011

CODE 8782112830000

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

☐ is extended, ☐ is not extended.

12 ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase:

(b)(4)

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

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D OTHER (Specify type of modification and authority)

X Mutual Agreement

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return 1 copies to the issuing office

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

The purpose of this modification under task order HSHQDC-09-D-00062/HSHQDC-11-J-00063 is to incorporate the following changes to the task order: 1) to fully fund CLINS 0001, 0002, 0003, 0004, 0007 and 0008, to raise the total ceiling amounts of CLINS 0010 and 0011, and to incrementally fund CLINS 0005 and 0006; and 2) provide a listing of Government Furnished Equipment (GFE) into Section 8 of the statement of work.

1) CLIN 0001, is increased by (b)(4) CLIN is fully funded in the amount of (b)(4)

2) CLIN 0002, CLIN is fully funded in the amount of (b)(4)
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A NAME AND TITLE OF SIGNER (Type or print)

(b)(4)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Robert Dequan

15C. DATE SIGNED

7-15-2011

16C. DATE SIGNED

7/15/11

NSN 7540-01-152-8070
Previous edition unusable

(b)(4)

RM 30 (REV 10-89)

FAR (48 CFR) 53.243

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00003

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | 3) CLIN 0003, is increased by (b)(4) from (b)(4) CLIN is fully funded. | | | | |
| | 4) CLIN 0004, is increased by (b)(4) from (b)(4) CLIN is fully funded. | | | | |
| | 5) CLIN 0005, is incrementally funded at (b)(4) The outstanding balance is | | | | |
| | 6) CLIN 0006, is incrementally funded at (b)(4) The outstanding balance is | | | | |
| | 7) CLIN 0007, CLIN is fully funded in the amount of (b)(4) | | | | |
| | 8) CLIN 0008, is increased by (b)(4) from (b)(4) fee is fully funded for all active CLINS. | | | | |
| | 9) CLIN 0009, CLIN remains at \$0.00. Total line item value (b)(4) | | | | |
| | 10) CLIN 0010, is increased by (b)(4) from (b)(4) CLIN ceiling amount is raised to | | | | |
| | 11) CLIN 0011, is increased by (b)(4) from (b)(4) CLIN ceiling amount is (b)(4) to | | | | |
| | Obligated Amount: (b)(4) | | | | |
| | This modification increases the total estimated (b)(4) from | | | | |
| | AAP Number: 63422 DO/DPAS Rating: NONE Discount Terms: Net 30 Delivery Location Code: PREPBSTN Preparedness (Ballston) 1110 N. Glebe Rd Arlington VA 22201 | | | | |
| | Continued ... | | | | |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 0001 | <p>Mark Forr Department of Homeland Security Office of Procurement Operations 245 Murray Lane Bldg. 410 Washington DC 20528 FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013</p> <p>Change Item 0001 to read as follows (amount shown is the obligated amount):</p> <p>Program Management Base year</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Requisition No: RNNC-11-00013, RNNC-11-00094</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000-000L0 04-03-02-00090 05 0003 00 00 00 00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Change Item 0002 to read as follows (amount shown is the obligated amount):</p> | | | | (b)(4) |
| 0002 | <p>Technical Assessments, Analyses, Studies, White Continued ...</p> | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Papers and Reports. Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES. Requisition No: RNNC-11-00013 Accounting Info: NSEP000000 L1 0403-01-000-90-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Change Item 0003 to read as follows (amount shown is the obligated amount): 0003 Standard Base Year Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES Requisition No: RNNC-11-00013, RNNC-11-00094 Accounting Info: NSEP000000 L0 0403-02-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-03-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Change Item 0004 to read as follows (amount shown Continued ... | | | | (b)(4) |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | is the obligated amount): | | | | |
| 0004 | <p>Modeling</p> <p>Modeling Base year</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Requisition No: RNNC-11-00013, RNNC-11-00094</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Change Item 0005 to read as follows (amount shown is the obligated amount):</p> | | | | |
| 0005 | <p>Cable Infrastructure Base Year</p> <p>Line Item Total includes: Incrementally Funded: \$ (b)(4) Outstanding Balance: (b)(4)</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Requisition No: RNNC-11-00013</p> <p>Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Change Item 0006 to read as follows (amount shown is the obligated amount):</p> | | | | (b)(4) |
| 0006 | <p>Security and Reliability</p> <p>Line Item Total includes: Incrementally Funded: \$700,922.76 & (b)(4)</p> <p>Fee: (b)(4)</p> <p>Continued ...</p> | | | | |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>Outstanding Balance (b)(4)</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Requisition No: RNNC-11-00013</p> <p>Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Change Item 0007 to read as follows (amount shown is the obligated amount):</p> | | | | |
| 0007 | <p>Demonstrations</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Requisition No: RNNC-11-00013</p> <p>Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Change Item 0008 to read as follows (amount shown is the obligated amount):</p> | | | | (b)(4) |
| 0008 | <p>Fix fee on Labor Base year</p> <p>(b)(4)</p> <p>Requisition No: RNNC-11-00013, RNNC-11-00094</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Continued ...</p> | | | | |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L0 0403-02-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Change Item 0010 to read as follows (amount shown is the obligated amount): 0010 Travel - Base Year Total Not To Exceed Cost for this line item is (b)(4) Total Line Item Value (b)(4) Requisition No: RNNC-11-00013, RNNC-11-00094 Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: Continued ... | | | | |

NAME OF OFFEROR OR CONTRACTOR
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| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Change Item 0011 to read as follows (amount shown is the obligated amount): 0011 ODC - Base Year Total ODC Not To Exceed Cost for this line item is (b)(4) Total Line Item Value (b)(4) Requisition No: RNNC-11-00013, RNNC-11-00094 Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-50-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Continued ... | | | | (b)(4) |

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|-----------------|--------------------------|-----------------|-------------|-------------------|---------------|
| Funded | (b)(4) | | | | |

B19

STATEMENT OF WORK

Telecommunications Technical Support Services

1 Background:

1.1 Introduction:

The traditional circuit-switched network, called the Public Switched Telephone Network (PSTN), mainly supports voice services. It is being transitioned to a packet-switched network—the Next Generation Network (NGN)—which will support voice and broadband services over wireline backbone networks, with wireline and wireless access networks. NGN will make use of Quality of Service (QoS) enabled transport technologies in which service-related functions are independent of the underlying multiple transport technologies.

Presidential Executive Order 12472 (EO 12472) directs the Office of the Manager, National Communications System (OMNCS) to "...include planning for, developing, and implementing enhancements to the national telecommunications infrastructure to achieve measurable improvements in survivability, interoperability, and operational effectiveness under all conditions and seeking greater effectiveness in managing and using national telecommunication resources to support the Government during any emergency." In addition, the President's National Security Telecommunications Advisory Committee's (NSTAC) Next Generation Network Task Force (NGNTF) Report of March 28, 2006, and subsequent reports, recommended that the OMNCS include NGN technology in its planning for future national security and emergency preparedness (NS/EP) telecommunications evolutionary programs. The OMNCS must ensure the seamless transition from PSTN-based Priority Services to NGN-based Priority services.

The OMNCS requires technical support to fulfill the mission of EO 12472, the intent of the Office of Management and Budget (OMB) circular number A-119 on Government participation in voluntary standards development, and NSTAC objectives and recommendations. In general, the support required includes technical studies, analyses and prototype testing; white papers and technical reports; identification or recommendations of standards and Request For Comments (RFCs) with specific functionalities that have good potential for priority service approaches, and technical contributions to non-governmental standards bodies.

1.2 Standards Background:

The OMNCS is required to provide priority communications services to NS/EP users across public networks. Wireless Priority Services (WPS) provide the basis for such priority capabilities in current 2nd Generation (2G) wireless networks. The telecommunication industry standards groups are addressing the evolution of wireless networks from the current 2G/2.5G technologies/systems to 3rd Generation (3G), Wireless Fidelity (WiFi), Worldwide Interoperability for Microwave Access (WiMax), IP Multimedia Subsystem (IMS), and Long Term Evolution (LTE) based technologies/systems, which will provide greater efficiencies and additional user services. Other wireless networks that may be of interest are Universal Mobile Telecommunications System (UMTS), Wireless Local Area Networks (LAN), Ultra Mobile Broadband (UMB), and satellite. Industry groups are also looking into the structure of Service Level Agreements (SLAs) that will be necessary to spell out performance and quality of service criteria beneficial to users.

As the wireless networks evolve, NGN Priority Services need to be incorporated into the newer technologies and network types. As a result, work is needed to specify the end-to-end NGN priority service capabilities for real-time voice, data, video, and multimedia communications services. Some of the pertinent standards groups include: 3rd Generation Partnership Project (3GPP), 3GPP2, the Alliance for Telecommunications Industry Solutions (ATIS), the International Telecommunication Union (ITU), the Telecommunications Industry Associates (TIA), the IEEE, the Internet Engineering Task Force (IETF), the European Telecommunications Standards Institute (ETSI), the TeleManagement Forum (TMF), the WiMAX Forum, and similar bodies.

1.3 Modeling Background:

The OMNCS uses modeling and simulation capabilities to conduct analyses of the evolving public and private telecommunications systems in support of its NGN Priority Services mission. The Modeling, Analysis, and Technology Assessments (MATA) Team, maintains a telecommunications infrastructure modeling and analysis capability to identify those assets most critical to the successful operation of NGN Priority Services, to predict and mitigate the effect of telecommunications failures on the national leadership's ability to communicate during times of crisis, and to conduct studies to quantify the dependence of critical government networks on existing and new telecommunications technologies. MATA must continually model and analyze telecommunications technologies because of significant network changes. This task will provide expertise and updated information about the changing telecommunications infrastructure, to help resolve gaps in the current suite of tools, and effectively manage additional modeling and simulation capabilities.

1.4 Cable Infrastructure Background:

The OMNCS developed undersea cable infrastructure (UCI) analysis and health assessment capabilities that help influence network design and services to further the NGN Priority Services mission. Because of significant dependence of the global telecommunications network on undersea cable transport, the OMNCS must continually review the resiliency and survivability of this critical infrastructure. This task will provide ongoing analyses of this infrastructure; assistance in the development of a mitigation, warning, and verification process and plan; modeling of failures and restoration; and analysis of alternative transport capabilities.

1.5 Security Background:

To support voice, data, and video services, various telecommunications standards bodies have specified NGN architectures based on the 3GPP IMS. These new distributed architectures introduce a set of risks for the NGN itself and the interconnection to the legacy PSTN.

The OMNCS has responded to this major shift in the telecommunications infrastructure by working to define NGN Priority Services for NGN/IMS networks. Security risks in access and core networks must be mitigated up front to protect the users and services from unauthorized use, and from service availability and integrity exploits. It is also critical to understand the security needs of service providers and authorized service users.

2 Tasks:

DHS funds may not be used for the provision of food and beverages unless the program office obtains prior approval from the DHS Office of General Counsel. The contractor shall also comply with all other DHS restrictions concerning the use of funds for conferences and meetings.

Various task deliverables and delivery schedules are shown at end of this section.

2.1 Task 1 – Program Management

- A summary of resource expenditures for all tasks (including a breakdown of the individual cost elements, i.e., program management support, program review/auditing, contracts management, strategic planning, etc). The core objective is to show an association between contract expenditures and task order deliverables.
- An overview of work completed, in progress, and planned for each task.
- A Microsoft Excel spreadsheet (exact format will be provided upon task order award) that includes the following:
 - Labor hours expended by task, name, and labor category
 - Other Direct Costs (ODC) and Travel Expenses incurred. Supporting documentation may be requested by the Contracting Officer's Technical Representative (COTR)

2.1.1 Conduct an initial kickoff Technical Interchange Meeting (TIM) within 15 business days after formal acceptance of this task order to review task requirements and establish firm dates for the tasks identified in the deliverables schedule.

2.1.2 Provide Project Management Plans for individual tasks in Microsoft (MS) Project format with appropriate Work Breakdown Structures (WBS) that reflect resources by labor category, milestones, project start/completion dates, and other applicable information to assist the COTR and Government Task Leads in assessing costs, budget, and schedule.

2.1.3 Quarterly Program Status Reviews (QPSRs) within 15 business days of the end of the quarter, and deliver Monthly Status Reports (MSRs) within ten business days of the end of the month. At a minimum, MSRs should include the following:

- Tasks worked, hours expended on tasks, and labor categories per task
- An overview of work completed, in progress, and planned
- Identification of problem areas with recommended remedial actions
- Summary of resource expenditures
- Status of all issues identified during the course of the last review
- ODC and Travel Expenses incurred
- Minutes of meetings attended
- Other items as required by the COTR

2.2 Task 2: Technical Assessments, Analyses, Studies, White Papers and Reports

As telecommunications network technologies continue to evolve and are implemented in the public switched network, numerous network improvements—such as wireless, broadband, management, and optical networking technologies—are expected. The Government may select specific technical topics related to these improvements for which the Contractor shall prepare technical talks or presentations. The results of this work shall also be documented in technical reports, white papers, and briefings.

2.2.1 When directed by the Government, the Contractor shall conduct studies to determine how improvements and advances in telecommunications technologies may impact the security of the

public network and the mission to provide priority services in emergency/overload conditions. The Contractor shall identify major issues of concern that may be associated with the improvement or introduction of new telecommunications technologies and shall recommend approaches to be taken by the Government to reduce overall vulnerability and ensure priority access.

These studies shall be based on the Contractor's knowledge of the introduction of these technologies and will emphasize the security vulnerabilities and priority aspects of the architectures for the Government Emergency Telecommunications Services (GETS) application and extending to NGN Priority Services applications. Topics to be reported on may include, but are not limited to:

- advances related to presence, messaging, identity management, software defined radios, new wireless technologies
- Automatic Switched Transport Networks (ASTN)
- Application Programming Interface (API) based service creation environments
- emerging protocols (e.g., Session Initiation Protocol (SIP) and DIAMETER)
- network timing and synchronization
- network controlled intelligent devices, smart cards, and voice recognition
- network based storage and computing
- network evolution
- optical burst and packet switching technology
- Gigabit and 10GbE, switching technologies for optical networks
- wavelength agility and its applications
- transport technologies (e.g., Dense Wavelength Division Multiplexing [DWDM] and undersea cable)
- quantum cryptography

2.2.2 As required by the Government, the Contractor shall propose appropriate capabilities to address shortfalls in NGN Priority Services and provide overviews and analyses of a full spectrum of these technology topics. Additionally, the Contractor may be asked to identify technical focus areas in NGN wireline and wireless standards where priority services are not fully addressed or defined.

2.2.3 As required by the Government, the Contractor shall conduct research that analyzes service survivability mechanisms of emerging broadband IP-based technologies, helping to specify and develop processing priorities and service survivability functionality for these emerging networks, and working on control and restoration regimes that can restore services on a priority basis after a major transport failure. The work will be applicable to private Government networks, public networks, and integrated private-public networks. The Contractor shall also conduct research that analyzes the survivability of the expected architecture of the NGN. Based on a provided set of threat assumptions, the survivability of that network and availability of network resources and bandwidth to support NGN Priority Services applications will be modeled and estimated. These analyses shall be documented in a series of technical reports.

2.3 Task 3: Standards

2.3.1 ITU-T Study Group 2 (Operational aspects of service provision, networks and performance)

Study Group 2 is responsible for studies relating to:

- principles of service provision, definition and operational requirements of service emulation;
- numbering, naming, addressing requirements and resource assignment including criteria and procedures for reservation and assignment;
- routing and interworking requirements;
- operational aspects of networks and associated performance requirements including network traffic management, quality of service (traffic engineering, operational performance and service measurements);
- operational aspects of interworking between traditional telecommunication networks and evolving networks; and

The Contractor shall support standardization work (e.g., technical contributions, analysis, other technical initiatives) toward the primary objective of fully integrating NGN Priority Services management and information sharing requirements in emerging commercial telecommunication service capabilities.

2.3.2 ITU-T Study Group 11 (Protocols and test specifications)

Study Group 11 is responsible for studies relating to signaling requirements and protocols for telephony, Intelligent Networks (IN), ISDN, and Broadband ISDN, in addition to signaling support for and interconnection to NGN and IP networks. With respect to signaling, two technical work areas of interest are as follows:

- Signaling requirements for new, value added, NGN and IP-based services.
- Access, core network and interconnection signaling for advanced services

The Contractor shall support NGN Priority Services technical efforts, as stated above, by focusing initial technical efforts on the areas listed above. The Contractor shall participate and attend meetings of Study Group 11 and associated NGN-GSI initiatives to provide technical assistance to official OMNCS delegates in the development of Recommendations (e.g., TRQ Recommendations). Contractor support will help ensure that NGN Priority Services functionalities (from the signaling perspective) become part of ITU-T Recommendations. The Contractor shall take into account Signaling System No.7 (SS7) interfaces with respect to and interconnection to IP telephony and NGN signaling protocol development, in addition to signaling for IP-to-IP network interconnections. The Contractor shall also take into account relevant task objectives, work items, and other study points relevant to NGN Priority Services.

2.3.3 ITU-T Study Group 13 (Future Networks and NGN)

Study Group 13 is the Lead Study Group in the ITU-T for NGN. With respect to this Study Group work effort, Questions 5/13 (Architecture) and 16/13 (Security) are the work areas most relevant for the Contractor. Advancement of the development of Draft Recommendation Y.2205 R1 (Next Generation Networks – Emergency Telecommunications – Technical Considerations) within Question 5 is the prime document where Contractor technical support is needed to assist the OMNCS editor of this draft. When approved as a new ITU-T Recommendation, the contractor will use this new Recommendation as a baseline framework to support development of a relevant successor draft Recommendations.

The work of this Study Group, along with the work of Study Group 11, also encompasses NGN Global Standards Initiative (NGN-GSI) events of the ITU-T. Note: the ITU-T may change the name of the NGN Global Standards Initiative in the near future. However, the work of the contractor will be the same as in the NGN-GSI.

2.3.4 ITU-T Study Group 15 (Optical and other transport network infrastructures)

ITU-T Study Group 15, as the lead Study Group on optical technology and access networks is responsible for studies and Recommendations on transport network - data, management, and control planes and supporting systems. This work encompasses access and core networks including capabilities and protocols for end user - network interactions. With respect to these capabilities, the following Study Group 15 families of standards (Recommendations) require support: Signaling, Automatic Switched Optical Network, (ASON) Architecture, Ethernet, Routing, and Discovery. If requested by the Government, the Contractor shall support technical objectives by focusing efforts on these above listed families of standards technical areas.

2.3.5 ITU-T Study Group 16 (Multimedia terminals, systems and applications)

ITU-T SG 16 is responsible for studies and specifications relating to multimedia service definition and multimedia systems. It is the Lead Study Group on Multimedia Services, Systems and Terminals. It is also the Lead Study Group on e-business and e-commerce.

Study Group 16 works on the following items:

- Definition of a framework and roadmaps for the harmonized and coordinated development of multimedia communication standardization to provide guidance across ITU-T study groups, and in close cooperation with other regional and international SDOs and industry forums; these studies include mobility, IP and interactive broadcasting aspects;
- Definition of multimedia protocol and network architectures;
- Operation of multimedia systems and services, including interoperability;
- Protocols for multimedia systems and services (e.g., H.248 and H.246);
- Media coding and signal processing;
- Multimedia terminals including facsimile terminals;
- QoS and end-to-end performance in multimedia systems;
- Security of multimedia systems and services;
- Ensuring end-to-end interoperability between systems and gateways;

The Contractor shall focus technical efforts on some of the items listed above in support of specifying basic Emergency Telecommunications Service (ETS) capabilities in the network. The capabilities of interest will be coordinated with the Contractor efforts in the other relevant ITU-T Study Groups and national standards bodies. Contractor support will help ensure that NGN Priority Services functionalities become part of emerging ITU-T Recommendations. The Contractor shall take into account all task objectives, work items, and other Question Study points relevant to NGN Priority Services.

2.3.6 ITU-T Study Group 17 (Security languages and telecommunication software)

Study Group 17 has been designated the Lead SG for Telecommunication Security. If requested by the Government, the Contractor shall participate in this SG to facilitate and develop security capabilities related to ETS. All efforts will be coordinated with security efforts in ATIS and other Study Groups.

2.3.7 ATIS PROC (Network Performance, Reliability and Quality of Service Committee)

PRQC develops and recommends standards, requirements, and technical reports related to the performance, reliability, and associated security aspects of telecommunications networks, as well as the processing of voice, audio, data, image, and video signals, and multimedia. PRQC also develops and recommends positions on, and fosters consistency with, standards and related subjects under consideration in other North American and international standards bodies.

If requested by the Government, the Contractor shall support standardization work (e.g., technical contributions, analysis, other technical initiatives) toward the primary objective of fully integrating NGN Priority Services management and information sharing requirements in emerging commercial telecommunication service capabilities. The focus of this work may include assisting PRQC on ETS related topics such as Reliability/Availability and Survivability/Endurability, particularly those for which it is important to achieve consistency with other standards bodies (e.g., PTSC, TMOC, ITU-T Study Group 2). This effort may also include ETS user security requirements and the specification of ETS bearer security capabilities.

2.3.8 ATIS PTSC (Packet Technologies and Systems Committee)

The PTSC is presently the key national standards body for the development and specifications of PSTN, NGN and IP-based network services, architectures, signaling/control capabilities, and network interconnection. In addition, it is responsible for the development of security capabilities for signaling and control. A major focus is on the specification of NGN IP-based infrastructures that would support Voice over IP (VoIP) and other services on a carrier's network and between networks. Reliable and secure interconnection and routing between IP networks and between the PSTN and IP networks are of major concern.

Because the PTSC serves as a prime source of USA contributions (on Signaling/Control) to ITU-T Study Group 11, the Contractor shall write contributions to Study Group 11 and participate in PTSC meetings. In support of the development and specification of ETS, the Contractor shall contribute to PTSC to advance the US standards and liaison activities with other ATIS subcommittees (e.g., PRQC) or other groups (e.g., IETF), as appropriate. The Contractor will coordinate with the OMNCS on the development of technical contributions to the PTSC intended for these other groups.

2.3.9 ATIS TMOC (Telecommunications Management and Operations Committee)

The Telecom Management and Operations Committee (TMOC) develops operations, administration, maintenance and provisioning standards, and other documentation related to Operations Support System (OSS) and Network Element (NE) functions and interfaces for communications networks - with an emphasis on standards development related to U.S.A. communication networks in coordination with the development of international standards

The Contractor, if requested by the Government, shall support standardization work (e.g., technical contributions, analysis, other technical initiatives), toward the primary objective of fully integrating NGN Priority Services management and information sharing requirements in emerging commercial telecommunication service capabilities. The standardization work may include one or more of the following:

- development of USA contributions in support of related ITU-T Study Group 2 management activities (e.g., specification of ETS Management Service);
- Interface specification work to support Telecom Information Sharing and Analysis Center (ISAC) information interchange.

2.3.10 ATIS OPTXS (Optical Transport and Synchronization Committee)

OPTXS serves as a prime source of USA contributions to ITU-T Study Group 15. If requested by the Government, the Contractor shall write contributions for, and participate in, OPTXS meetings.

If requested by the Government, the Contractor shall submit from one to three contributions to these meetings identifying actions that OPTXS can take to promote NGN Priority Services support in Optical Networks.

2.3.11 IETF (Internet Engineering Task Force)

The Internet Engineering Task Force is an open international community of network designers, operators, vendors, and researchers concerned with the evolution and operation of IP-based architectures and services. If requested by the Government, the Contractor shall support NGN Priority Services efforts by focusing technical efforts on relevant areas of interest. Contractor support will help ensure that NGN Priority Services functionalities become part of emerging IETF protocol work.

2.3.12 TeleManagement Forum (TM Forum)

The TM Forum is an international forum of approximately 700 member companies and organizations (such as the OMNCS). The Forum provides leadership, strategic guidance and practical solutions to improve the management and operation of information and communications services. OMNCS interest areas center on the technical work and products (e.g., Guidebooks, applications notes, Key Performance Indicators definitions) stemming from the Service Level Agreement Management Team (SLAM) Team and the TM Forum Government and Defense Initiative.

The Contractor shall support OMNCS interests with technical inputs (contributions) by participating in relevant virtual meetings and face-to-face meetings of the SLAM Team and the Government and Defense Initiative as directed by the Task Monitor.

Specific Contractor work includes:

- **TMF SLAM Team:**
 - Participate in monthly team meetings (virtual meetings)
 - Contribute (in coordination with Government Task Lead) to additional ETS-related aspects to be included in future releases of the SLA Management Handbook
 - Contribute (in coordination with the Government Task Lead) to additional ETS-related aspects to be included in future releases (and/or new releases) of service and/or technology specific application notes to the SLA Management Handbook
 - Contribute (in coordination with the Government Task Lead) to the definition of Key Performance Indicators (KPIs) relevant to ETS. This KPI tasking may require coordination with, and / or direct participation in, virtual meetings and face-to-face meetings with the 3GPP Telecom Management Working Group (TSG SA WG5).
- **Security Management Project:**
 - Participate in TMF Government and Defense Initiative monthly team meetings (virtual meetings)
 - Contribute (in coordination with the Government Task Lead) to TMF effort to enrich its Frameworks with full-spectrum Security Management guidance concerning architecture, processes, information and data models, applications and interfaces.

- Contribute (in coordination with the Government Task Lead) security requirements that may be applied within NGN to enable better emergency telecommunications (ET) (including ETS)

The Contractor shall perform analysis as necessary and prepare up to five technical contributions for each meeting. The Contractor shall prepare meeting reports for each standards meeting attended if these meetings require travel. The Contractor shall meet with the OMNCS or discuss via telephone or E-Mail to help set strategic directions for this standards effort.

2.3.13 TIA TR45.8

TIA TR45.8 is responsible for core network signaling, services and capabilities for the US. WPS for CDMA systems was standardized through this standards body. Basic enhancements to WPS (e.g., new features) will be done in this group. It is expected that new priority capabilities for new services (data, video, multimedia and Voice over IP (VoIP)), beyond basic circuit-switched voice service that has been specified for WPS, will initially be started in 3GPP2. However, it is expected that the US-specific needs may then result in some of the work moving back into TR45.8.

2.3.14 3GPP2

3GPP2 is the international standards body specifying the next generation services and systems; core network; radio systems/air interface and access interfaces. This group is specifying and evolving the capabilities beyond CDMA to CDMA2000 and the new packet switched network capabilities. The Contractor will initially attend the services and core network groups to advance specifications for new NGN Priority Services.

2.3.15 3GPP

3GPP is the international standards body specifying the next generation services and systems; core network; radio systems/air interface and access interfaces. This group is specifying and evolving the capabilities beyond GSM to Wideband-CDMA and the new packet switched network capabilities, in addition to the basic IP Multimedia Subsystem (IMS) specifications. The Contractor will initially attend the services groups (e.g., SA1 and SA2) to advance specifications for new NGN Priority Services and support the further specification of the IMS architecture.

2.3.16 ATIS WTSC (Wireless Technologies and Systems Committee)

The WTSC is responsible for specifying new services and capabilities for GSM and 3G systems, with a focus toward inputting into the 3GPP process. In particular, this group provides a US perspective (e.g., radio spectrum, services, etc.) into the international 3GPP standards group. This group can be used in support of NGN Priority Services to be developed in 3GPP. The (WTSC also provides liaison capabilities as needed to the other ATIS groups and the ITU-T. As required, the Contractor shall support work within this standards body.

2.3.17 Open Mobile Alliance (OMA)

The OMA is the leading industry forum for developing market driven, interoperable mobile service enablers. OMA was formed in June 2002 by nearly 200 companies including the world's leading mobile operators, device and network suppliers, information technology companies and content and service providers. Rather than keeping the traditional approach of organizing activities around "technology silos", with different standards and specifications bodies representing different mobile technologies, working independently, OMA is aiming to consolidate into one organization all specification activities in the service enabler space.

OMA is the focal point for the development of mobile service enabler specifications which support the creation of interoperable end-to-end mobile services. OMA drives service enabler architectures and open enabler interfaces that are independent of the underlying wireless networks and platforms. OMA creates interoperable mobile data service enablers that work across devices, service providers, operators, networks, and geographies. Toward that end, OMA will develop test specifications, encourage third party tool development, and conduct test activities that allow vendors to test their implementations. The role of OMA in terms of service specifications may at times overlap with 3GPP and 3GPP2. Generally, OMA will provide the so called, stage 1 and 2 specifications (i.e., service description and call flows) with the detailed protocol and procedures in stage 3 assigned to 3GPP and/or 3GPP2.

OMA has developed the specification for Push-to-Talk over Cellular (PoC). If requested by the Government, the Contractor will attend the OMA to develop and specify new priority capabilities for PoC.

2.3.18 WiMax Forum and WiMax

The WiMAX Forum is an industry-led, not-for-profit organization formed to certify and promote the compatibility and interoperability of broadband wireless products based upon the harmonized IEEE 802.16/ETSI HiperMAN standard. One of the WiMAX Forum's goals is to accelerate the introduction of these systems into the marketplace. WiMAX Forum Certified™ products are fully interoperable and support broadband fixed, portable and mobile services. Along these lines, the WiMAX Forum works closely with service providers and regulators to ensure that WiMAX Forum Certified systems meet customer and government requirements. WiMax means Worldwide Interoperability for Microwave Access is a telecommunications technology that provides wireless transmission of data using a variety of transmission modes, from point to multipoint links to portable and fully mobile internet access. The technology provides up to 10 Mbps broadband speed without the need for cables. The technology is based on the IEEE 802.16 standard (also called Broadband Wireless Access). The name "WiMAX" was created by the WiMax Forum, which was formed in June 2001 to promote conformity and interoperability of the standard. The forum describes WiMAX as "a standards-based technology enabling the delivery of last mile wireless broadband access as an alternative to cable and DSL". If requested by the TM, the Contractor shall attend WiMax meetings.

2.3.19 IEEE 802.16

The IEEE 802.16 Working Group on Broadband Wireless Access Standards develops standards and recommended practices to support the development and deployment of broadband Wireless Metropolitan Area Networks. IEEE 802.16 is a unit of the IEEE 802 Local Area Network/Metropolitan Area Network (LAN/MAN) Standards Committee. If requested by the TM, the Contractor shall attend IEEE802.16 meetings.

2.3.20 IMS Industry Requirements Group

The current trend in the telecommunications industry is for Service Providers to offer voice, data, and multimedia services using IP-based networks. There are numerous industry and Government efforts and industry standards activities related to specifying various access and core network architectures and services. To this end, the OMNCS has spearheaded an effort with Industry to develop Industry Requirements (IRs) that transcribe the existing functionality of the GETS, WPS and SRAS services onto these new architectures.

The Contractor shall continue the work of defining and refining these IRs. The Contractor will record and document the results of the IR process. Teaming with the OMNCS and its key contractors, the Contractor shall build upon the on-going industry efforts in the development of Issue 2 of the Core and Access IRs to support NGN priority voice, video and data services. The Contractor shall coordinate, identify, and resolve key technical and strategic issues associated with these IRs. The Contractor shall work within the IR process to ensure that NGN Priority Services capabilities are incorporated into the Core network and Access network IRs.

The Contractor shall coordinate with the on-going OMNCS standards team work program. As needed and based on the IR work process and development, the Contractor shall compose (develop) technical contributions or associated IR reports and recommend the submission of these contributions or reports to the appropriate standards entities to enable the work of the IMS Industry Requirements Group to become part of emerging national and international standards of the telecommunication industry.

To align the IRs and to harmonize relevant technical specifications, the Contractor shall also take into account during the development of proposed technical contributions or reports, the NGN architecture that will facilitate the telecommunication industry support for NGN Priority Services offerings.

2.3.21 Standards Meeting Reporting and Analyses

United States Government agencies, and major United States telecommunication Service Providers, spend millions of dollars annually for active participation in national and international telecommunication standards bodies. Telecommunication standards are important because they facilitate the integration of new technologies into the United States telecommunication systems, systems that are essential to the United States economic health in the global economic marketplace.

In recent years, due to the rapid pace of technological progress and ever faster product development cycles, there has been a proliferation in the number of telecom-related standards bodies and an increase in the pace of such work. At the same time, however, the economic downturn in the telecommunication industry is causing government agencies, Service Providers and their companies to continually reduce personnel to increase cost effectiveness.

The contractor shall subscribe as a client and provide access to a web-based information delivery system, such as the Telcordia Standards Knowledgebase (TSK) service or similar service for up to a maximum of 100 designated users. The service shall provide information products such as meeting-specific and topic-specific analysis reports, relating to current and emerging telecommunications technologies. This reporting mechanism will provide high-level and useful overviews of contemporary standardization activities at major national and international telecommunication related standards development committees, groups, entities, etc.

The detailed scope of the proposed work effort includes the following:

- Coverage of specified US and international telecommunication standards bodies.
- Coverage of specified telecom technology sub-topics related to telecommunication standards developments.

The Contractor shall perform the following tasks:

- Provide a web-based information delivery system for use by the OMNCS community (up to a maximum of 200 Users) with access to:
- Approximately 40 or more meeting-specific or topic-specific standards issues analysis reports per year in "Reports".
 - The meeting-specific reports are issued following the regularly-scheduled meetings held each year by over a dozen major standards committees.

The list of covered committees shall include but not necessarily be limited to:

- 3GPP
- IEEE 802
- IETF
- ATIS IIF (IPTV Interoperability Forum)
- ATIS PTSC
- ATIS TMOC
- ITU-T Study Group 2
- ITU-T Study Group 11
- ITU-T Study Group 13
- ITU-T Study Group 16
- ITU-T NGN-GSI
- OIF (Optical Internetworking Forum)
- TM Forum

In addition, the Contractor may be requested to report on the following standards activities: ATIS SON, ITU-T Study Group 15, plus some security-related committees such as ITU-T Study Group 17.

The aforementioned list of covered committees may change by mutual agreement of the COTR and the Contractor, during the task order year as the relevance of the standards bodies, associated committees, entities, etc. changes due to the maturing of standards projects, the appearance of new entities, committees, etc. or mergers between or among existing these occur.

Topic-specific reports focus on the standardization of different areas of telecommunications technology (e.g., IPTV, NGN, E911, IP Telephony, IEEE LAN/WAN and WiMax Standards, OAM, Optical, Gigabit Ethernet, etc.) that are being standardized in multiple standards bodies. Contractor topic-specific reports shall provide a window into the latest developments in standards work in the past quarter. The Contractor shall issue at least one topic-specific report per quarter.

The Contractor shall provide a "Hot Topics" database. The Hot Topics database shall consist of a database that contains concise, timely impact analyses (bulletins) on critical issues and late-breaking news on specific telecom technology issues as appropriate.

OMNCS Users shall have access to reports and from the Hot Topics database via web-based tools such as a Report Navigator and the Hot Topic Navigator. Users shall be able to access the Reports' archive and Hot Topics database via browsing by standards committee, by telecom technology area, by keyword or by the priority level of key issues. These and other web tools associated web site enabling tools shall enable users to have 24 hour 7 days access to reports. The Contractor shall make all meeting-specific reports available within fifteen (15) days following a standards meeting completion. The information products described above shall be provided electronically, via email and web site. The following table depicts estimated travel requirements, which are subject to change:

Primary Standards Meeting Support – As directed by the Government:

| Meeting | Approx Dates | Probable Location | # of Contractor Personnel Required |
|--------------------------|---------------------|-------------------|------------------------------------|
| 3GPP | | | |
| 3GPP SA 1#54 | 9-13 May 2011 | Xian China | 1 |
| 3GPP SA 1#55 | 8-12 Aug 2011 | Dublin IE | 1 |
| 3GPP SA 2#83 | 21-25 Feb 2011 | Salt Lake City UT | 1 |
| 3GPP SA 2#84 | 11-15 Apr 2011 | Bratislava | 1 |
| 3GPP SA 2#85 | 16-20 May 2011 | China | 1 |
| 3GPP SA 2#86 | 11-15 July 2011 | Naantali Finland | 1 |
| 3GPP SA 2#87 | 10-14 Oct 2011 | Asia | 1 |
| 3GPP CT 1#71/ 3#63/ 4#53 | 9-13 May 2011 | Tallinn Estonia | 2 |
| 3GPP CT 1#72/ 3#64 | 27 Jun - 1 Jul 2011 | China | 2 |
| 3GPP CT 1#73/ 3#65/ 4#54 | 22-26 Aug 2011 | Malta | 2 |
| 3GPP CT 1#74/ 3#66/ 4#55 | 1-14 Oct 2011 | India | 2 |
| 3GPP CT 1#75/ 3#67/ 4#56 | 14-18 Nov 2011 | USA | 2 |
| 3GPP RAN 2#73 | 11-15 Apr 2011 | China | 1 |
| 3GPP RAN 2#74/ 3#72 | 9-13 May 2011 | Japan | 1 |
| 3GPP RAN 2#75/ 3#73 | 22-26 Aug 2011 | Athens Greece | 1 |
| 3GPP RAN 2#75 BIS | 10-14 Oct 2011 | China | 1 |
| 3GPP RAN 2#76/ 3#74 | 14-18 Nov 2011 | USA | 1 |
| 3GPP RAN2 | 2011 | US | 1 |
| 3GPP2 | | | |
| 3GPP2/TR45.8 | 28 Mar - 1 Apr 2011 | South Korea | 1 |
| 3GPP2/TR45.8 | 23-27 May 2011 | Dallas TX | 1 |
| 3GPP2/TR45.8 | 25-29 Jul 2011 | Japan | 1 |
| 3GPP2/TR45.8 | 26-30 Sep 2011 | China | 1 |
| 3GPP2/TR45.8 | 5-9 Dec 2011 | Hawaii | 1 |
| 3GPP2/TR45.8 | 1-2 Jun 2011 | US | 1 |

| Meeting | Approx Dates | Probable Location | # of Contractor Personnel Required |
|--|-------------------|-----------------------|------------------------------------|
| ITU-T NGN-GSI (SG11 & SG13) | | | |
| ITU-T NGN GSI | 9-20 May 2011 | Geneva | 2 |
| ITU-T NGN GSI | 10-21 Oct 2011 | Geneva | 2 |
| ITU-T NGN GSI | 2-17 Feb 2012 | Geneva | 2 |
| ITU-T SG16 | | | |
| ITU-T SG 16 | 14-25 Mar 2011 | Geneva | 1 |
| ITU-T SG 16 | 21 Nov-2 Dec 2011 | Geneva | 1 |
| ATIS PTSC | | | |
| ATIS PTSC | Jan/Feb 2011 | US | 2 |
| ATIS PTSC | Apr/May 2011 | US | 2 |
| ATIS PTSC | 19-30 Aug 2011 | Montreal or Vancouver | 2 |
| ATIS PTSC | 1-5 Nov 2011 | Savannah, GA | 2 |
| TM Forum | | | |
| TM Forum | 20-26 Mar 2011 | Cascais Portugal | 1 |
| TM Forum | 18-22 July 2011 | Baltimore MD | 1 |
| TM Forum | 23-27 Jan 2012 | Europe | 1 |

Secondary Standards Meeting Support – At the discretion of the Government:

| Meeting | Approximate Meeting Dates | Probable Location | # of Contractor Personnel Required |
|-------------------------|---------------------------|-------------------|------------------------------------|
| 3GPP | | | |
| 3GPP SA#51 | 21-23 Mar 2011 | Kansas City | 1 |
| 3GPP SA#52 | 6-8 Jun 2011 | Bratislava | 1 |
| 3GPP SA1#55 | 8-12 Aug 2011 | Dublin | 1 |
| 3GPP SA2#88 | 14-18 Nov 2011 | USA | 1 |
| 3GPP RAN#51 | 15-18 Mar 2011 | Kansas City | 1 |
| WiMAX Group | | | |
| WiMAX Forum NWG | 1-5 Nov 2011 | Dallas TX | 1 |
| WiMAX | 17-21 Mar 2011 | Xiamen China | 1 |
| WiMAX | 9-13 May 2011 | San Diego CA | 1 |
| WiMAX | 25-29 Jul 2011 | San Francisco CA | 1 |
| WiMAX | 12-16 Sep 2011 | Bankok Thailand | 1 |
| IEEE802.16 Group | | | |
| IEEE802.16 | 13-18 Mar 2011 | Singapore | 1 |
| IEEE802.16 | 16-20 May 2011 | Alberta Canada | 1 |
| IEEE802.16 | 18-21 Jul 2011 | San Francisco CA | 1 |
| IEEE802.16 | 19-22 Sep 2011 | TBD | 1 |

| ATIS WTSC Group | | | |
|--|-----------------|----------------|-----|
| ATIS WTSC | 2011 | US | 1 |
| ATIS TMOC Group | | | |
| ATIS TMOC | Apr/May 2011 | Minneapolis MN | 1 |
| Study Groups 15, 17, IETF, Open Mobile Alliance, and DoS Preparatory | | | |
| ITU-T SG 15 | TBD, 1 meeting | Geneva | 1 |
| ITU-T SG 17 | TBD, 2 meetings | Geneva | 1 |
| IETF | TBD, 1 meeting | TBD | 1 |
| OMA | TBD, 1 meeting | TBD | 1 |
| DoS ITU-T Preparatory | TBD | Wash DC metro | TBD |

Notes on Travel for Meetings:

The Contractor may expect to incur periodic local travel (within a 50 mile radius of the capital region); however, local travel will not be reimbursed. Long distance travel costs for this effort (especially travel related to standards participation) must have prior approval of Government COTR.

1. All long distance contractor travel shall be in accordance with the Federal Travel Regulations. The contractor shall submit a travel request, via email, to the COTR thirty (30) days prior to scheduled departure date. (Upon approval, the COTR will issue a travel authorization letter that may be used to obtain government rates at lodging facilities.) The contractor shall provide the following information in the travel request:
 - Name of traveler(s)
 - Dates and location of proposed travel
 - Reason for travel and the work to be accomplished

The contractor is encouraged to purchase non-refundable tickets whenever feasible to reduce travel costs.

2. Projections of an additional number of meetings are made as "TBD" without specific dates and locations. These specific projections are based on historical data with respect to the frequency of meetings. Therefore, contractor shall take into account historical data as necessary with respect to "Travel."
3. Travel may be slightly adjusted by the Government due to events out of control of the Government, such as: weather, standards group reorganizations, unforeseen adjustments or cancellations of standards meetings, etc.

2.4 Task 4: Network Modeling

The OMNCS uses telecommunications modeling and simulation capabilities to conduct analysis in support of NGN Priority Services. Because of significant technological changes in the public switched network, these capabilities are continually reviewed to assess their applicability to the newer technologies. The Contractor shall provide technical consultation on modeling issues crucial to the delivery of NGN Priority Services, support data acquisition for critical infrastructure vulnerability assessments, and perform ad hoc telecommunications studies/analyses as required.

The Contractor shall build upon existing studies, computer simulations, and other reliability analyses to provide traffic-engineering tools to assist in assessing and optimizing public network reliability, identifying network disruptions, and restoring services in support of PDD-63 and associated Critical Infrastructure Protection (CIP) initiatives. The Contractor shall create end to end models and tests to validate that the various access and core NGN Priority Services mechanisms developed as Industry Requirements (IRs) actually perform as expected. This subtask shall entail developing realistic NS/EP test scenarios and traffic conditions for the end to end models.

- 2.4.1 Provide ad hoc telecommunications analyses/analysis verification as required
- 2.4.2 Provide telecommunications and modeling consultation, in person or via teleconference, on telecommunications and modeling topics selected jointly with the Government.
- 2.4.3 Support acquisition of communications asset and topology data when requested.
- 2.4.4 Process all received data and summarize results in MS Word documents, MS Excel spreadsheets, and/or MS PowerPoint files, as designated by the Government Task Lead.
- 2.4.5 Provide guidance and advice in securing the necessary data access agreement with the carrier(s)
- 2.4.6 Develop modeling whitepapers in MS Word and/or MS PowerPoint files, or as designated by the TM. Potential topics include, but are not limited to:
 - network recovery process after attacks/outages
 - priority services deployment using next generation network (NGN) communications technologies
 - multimedia network traffic characteristics and their impacts on admission control and priority routing schemes

2.5 Task 5: Cable Infrastructure Support

As directed by the COTR, the Contractor will provide the following services:

- 2.5.1 Periodic (minimum: quarterly) updates of UCI standalone SQL Database to provide accurate data for quantifying the health of the UCI. The updates include:
 - New cables systems (including capacity, cable landings information etc.)
 - Retired cable systems
 - Upgraded cable systems (e.g., cable systems upgraded to DWDM)
 - Service affecting outages
 - Number of repair ships in service
- 2.5.2 Enhancements to UCI Health Metric and SQL Database
- 2.5.3 Characterization of undersea cable traffic for cable systems within routes designated by the COTR (i.e., from US to Europe, US to Asia, US to Middle East, etc.)

2.5.4 Recommendation for virtualizing UCI information to other Government departments and agencies in support of the missions associated with understanding and mitigating UCI vulnerabilities

2.5.5 Briefings and White papers as directed by the COTR

2.6 Task 6: Security and Reliability

2.6.1 The Contractor shall coordinate with other key contractors and interact with the appropriate industry players, to

- Develop the NGN Priority Services security specifications for the access and core networks
- Develop technical and strategic views of the required security functionality for NS/EP priority services
- Perform risk analyses of the NGN Priority Services architecture and underlying network infrastructure under various cyber threat conditions
- Determine the security scope to address access network and core network efforts
- Help obtain industry cooperation with the security functionality being incorporated into the Access Network IRs and the IMS Core Network IR. This will include developing and maintaining schedules for the industry efforts.

2.6.2 The Government may require the Contractor to develop and test prototype implementations of key security functionality tied to an NGN Priority Services implementation within an IMS test bed to verify the feasibility of creating integrated solutions. The results of this prototype testing will be presented in a technical report and will be fed back into the requirements process where necessary.

2.6.3 The Contractor shall work with OMNCS standards representatives to identify and resolve technical issues relating to NGN Priority Services security work efforts, as appropriate. Based on the specific access network, security requirements, and the core network security baseline, this security task may include the technical contributions to be submitted to the various industry standards bodies, as appropriate. The Contractor shall work with industry to harmonize and align all standards activities with the NGN Priority Services security specifications.

2.7 Task 7: Demonstrations/Prototypes/Tests/Comparative Studies

The OMNCS is focused on rapidly developing communications technologies and how best to exploit these technologies to support NGN Priority Services requirements. Short-term demonstrations of these capabilities, products, and concepts might be required—in addition to analytical testing—to prove the performance of different vendor products, technical approaches, or concepts. These demonstrations or tests shall minimally be in the areas of security, signaling, wireless, and packet-based technologies. As directed by the COTR, the Contractor will provide the following services:

2.7.1 Construct prototype(s) or test-bed(s) which simulate the implementation characteristics of the priority services applications, security, and signaling technologies

2.7.2 Validate the performance requirements specified in the NGN Priority Services industry requirements groups for access and core networks

2.7.3 Develop service level performance and reliability specifications.

2.7.4 Conduct demonstrations and/or testing studies to validate the performance of different vendor products, technical approaches, or concepts. These demonstrations and testing studies shall include, but not limited to, the following:

- End-to-end performance testing (including access and core networks)
- Testing of multi-access networks (including communications between different technologies networks, e.g., WIMAX and LTE networks)
- Testing of multi service provider networks

3 Deliverable/Delivery Schedule:

Following are details of the deliverables for the relevant tasks:

| Task # | CDRL | Deliverable title | Due Date | Distribution | Frequency /Remarks |
|--------|------|--|---|--|---|
| 4.1.4 | A001 | Task Order Management Plan (TOMP) | Within 15 days of TO award | Standard* | As directed by COTR |
| 4.1.5 | A002 | Initial Technical Inter-change Meeting (TIM) | Within 15 days of TO award | Standard* | As directed by COTR |
| 4.1.5 | A003 | Subtask TIMs | As directed by the COTR | Standard* | Up to quarterly for each subtask |
| 4.1.6 | A004 | Quarterly Program Status Review (QPSR) | Within 15 days after the end of Quarter | Standard* (include all Gov't Task Leads) | Quarterly |
| 4.1.7 | A005 | Monthly Status Report (MSR) | Within 5 days after end of month | Standard* | Monthly |
| 4.2 | A006 | Technical Reports | As directed by the COTR | Standard* | As directed by the COTR |
| 4.3 | A007 | Technical Contributions or Technical Meeting Report or Minutes of Meetings | 15 Days after each meeting or as directed by the COTR | Standard* | As directed by the COTR; up to five contributions per meeting; up to six IR reports |
| 4.4.3 | A008 | Ad hoc analysis/verification report | As directed by the COTR | Standard* | As directed by the COTR |
| 4.4.4 | A009 | Asset and topology data summary | As directed by the COTR | Standard* | As directed by the COTR |
| 4.4.6 | A010 | Network modeling whitepapers | As directed by the COTR | Standard* | As directed by the COTR |
| 4.4.7 | A011 | Project Plans and Work Breakdown Structures | As directed by the COTR | Standard* | As directed by the COTR |

| Task # | CDRL | Deliverable title | Due Date | Distribution | Frequency /Remarks |
|---------|------|--|---|--------------|--------------------------------|
| 4.5.3 | A012 | UCI Traffic Characterization | As directed by the COTR | Standard* | As directed by the COTR |
| 4.5.4/5 | A013 | UCI Web Portal Development/Hosting | Beta version = TO award + eight mos; Final version = end of PoP | Standard* | As directed by the COTR |
| 4.5.7 | A014 | Web Portal Training and Documentation | At Beta version release | Standard* | As directed by Gov't Task Lead |
| 4.5.8 | A015 | Briefings and Whitepapers | As directed by the COTR | Standard* | As directed by the COTR |
| 4.6.1 | A016 | Industry efforts schedule | As directed by the COTR | Standard* | As directed by the COTR |
| 4.6.2 | A017 | Security Prototype Assessment Technical Report | As directed by the COTR | Standard* | As directed by the COTR |
| 4.6.3 | A018 | Security Technical Contributions | As directed by the COTR | Standard* | As directed by the COTR |
| 4.7 | A019 | Demonstrations/Testing | As directed by the COTR | Standard* | As directed by the COTR |

***Standard Distribution**

- 1 electronic copy (via email) of the transmittal letter without the deliverable to the Contracting Officer (CO)
- 1 electronic copy (via email) of the transmittal letter and the deliverable to the COTR
- 1 electronic copy (via email) of the transmittal letter and the deliverable to the appropriate Government Task Lead

4 Ad hoc Surge Support (Optional):

As determined to be necessary and as approved by the Government, the Contractor shall provide additional support to meet operational requirements. The Contractor shall seek Government approval in advance before incurring any costs associated with surge support. Government approval shall be authorized by the Contracting Officer. The surge support includes tasks 1 through 7. Surge Support labor categories shall only be those labor categories pertinent to the task order upon award. All other labor categories shall be negotiated separately.

5 Packaging, Packing, and Shipping:

Final documentation deliverables shall be provided in hard and soft copy using Microsoft Office compatible products. Daily, weekly, interim, informal deliverable and working-copy products required for on-going general support may be provided by e-mail or disk (CD) as approved by the COTR.

Final Soft Copy Materials: Final soft copy deliverables shall be developed using the current version of Microsoft OFFICE software (Word, PowerPoint and/or other applications) and provided on a CD-ROM or other government-approved medium. If more than one deliverable is provided at the same time, deliverables may be on the same software medium.

Final Hard Copy Materials: Final hard copy shall be type-written on 8 1/2" x 11" papers, sized appropriately for the intended deliverable. The Contractor shall not use spiral binding or other binding that interferes with photocopying.

6 Inspection and Acceptance:

Acceptance Criteria: The COTR will review all draft and final deliverables to ensure accuracy, functionality, completeness, professional quality, and overall compliance with the guidelines/requirements of the delivery order. The Contractor shall ensure the accuracy and completeness of the deliverable. Errors, misleading, or unclear statements, incomplete or irrelevant information, and or excessive rhetoric, repetition, and "padding", shall be considered deficiencies and shall be subject to correction by the Contractor at no additional cost to the Government. Unless otherwise indicated, the government will require fifteen (15) working days to review and comment on deliverables. If the deliverable does not meet the noted criteria, the Government will return it.

Rejection Procedures: After notification that the deliverable did not meet the acceptance criteria, the Contractor shall resubmit an updated/corrected version within ten (10) working days after receipt of Government comments. Upon re-submission by the Contractor, the Government will reapply the Acceptance Criteria. If the corrected version of the deliverable does not meet the acceptance criteria, the Government may consider the Contractor as having deficient performance with respect to the subject task. The Government shall have fifteen (15) working days to respond to deliverables. However, no response regarding a deliverable by the Government on or after the 16th day shall be deemed acceptable.

7 Other Pertinent Information or Special Considerations:

Identification of Non-Disclosure Requirements: Access to proprietary data is not a fundamental requirement for execution of this task. However, when access to proprietary information is necessary to perform work, the Contractor shall be required to sign a Non-Disclosure Agreement with various members of the telecommunications industry to include at a minimum, but not limited to: Akamai, AT&T, Verizon Business, QWEST, Sprint, VERIZON and Telcordia Technologies. Contractor and all individuals involved in the NSIE tasks are required to sign the NSIE NDA upon award of the task order.

Intellectual Property Rights: All specified draft and final deliverables become the property of the Government. All model(s) and prototypes, including all source code, compiled code, executable code, object and software algorithm that the Contractor may develop under this contract shall become the property of the Government. All OMNCS databases and the providers' proprietary data shall be used solely for official government purposes.

8 Government-Furnished Equipment (GFE)/Government-Furnished Information (GFI):

GFE: Government Furnished Equipment (GFE) is provided as shown in the table below. If the mission requires, the Government will provide additional GFE at the Contractor's request or authorize purchase/rental of the equipment. Upon completion of this task order, the Contractor shall

submit a complete inventory of all GFE in their possession under the task order that has not been tested to destruction, completely expended in performance, or incorporated and made a part of a deliverable end item. The Program Office will furnish disposition instructions for all property furnished or purchased under this Task Order. The following GFE is provided:

| Mfr/Model/Part No | Item Description | Serial Number | Qty |
|-------------------------------|------------------------------|---|-----|
| Acme Packet NN4250-SD-S.25-G2 | Session Border Controller | 090818002268 | 1 |
| APC Backplate Kit | UPS backplate kit | ZS0729023005 / ZS729023008 | 2 |
| APC Back-UPS ES 725 | Battery Backup | 3B0652X40585 | 1 |
| APC Netshelter rack | Deep enclosure | ON0819B0309 | 1 |
| APC PDU | Switched PDU | 5A0808E03336 / 2A0809014030 / ZA0803012906 / ZA0803012104 | 4 |
| APC Smart-UPS XL 3000VA | UPS | JS0725019191 / JS0725019195 / SJS0735001196 / SJS0735001199 | 4 |
| APC SUA1000RM1U | rack-mount UPS | AS0751292681 | 1 |
| Aten ATN-CL1000M | LCD DVM Integrated Console | A17B-068AC-0032 | 1 |
| Cisco 2651XM | Router | FCZ101070UT / JHY0736K1QZ / JHY0909K0TH | 3 |
| Cisco 3725 | Router | FTX1040A464 | 1 |
| Cisco ASR1002 | Router | FOX1239H6AR / FOX1239H696 / FOX1237HAHM | 3 |
| Cisco ASA540 | Security appliance | JMX1231L0WG | 1 |
| Cisco Catalyst 2960 | Switch | FOC1227Y20X / FOC1227Y20C | 2 |
| Cisco Catalyst WS-C3550-24PWR | Inline power | CAT0808R21C | 1 |
| Dell KMM Console | Kybd, monitor, mouse console | A516 | 1 |
| Dell CTA-DMS-1u32X2p1HD-a-r | Server, MRF Media | DHHJWG1 | 1 |
| Dell PowerEdge 2950 | Server | 1P7N5D1 / 2V9N5D1 / 3V9N5D1 / JT9N5D1 | 4 |
| Dell PowerEdge 860 | Server | 3L646D1 / 7L646D1 / 6R646D1 / 7R646D1 / 4R646D1 / 1R646D1 / 5L646D1 | 7 |
| Dell PowerEdge DSB-1750 | Server | D0MGX51 | 1 |
| Dell PowerEdge 2950 | Server, Quad Core Xeon X5460 | 4JTLRG1 / 6JTLRG1 / 7JTLRG1 | 3 |

| Mfr/Model/Part-No | Item Description | Serial Number | Qty |
|---------------------------------|------------------------------|--|-----|
| Dell PowerEdge R200 | Server, Quad Core Xeon X3320 | 82H1RG1 / B2H1RG1 | 2 |
| Intel IMX-TIGW-2-AC | Server | CFTM8160127 | 1 |
| LG 50PM1M | 50" Plasma TV | 705RMUY061686 / 705RMZL061773 | 2 |
| Peerless SR560M | Plasma Cart | | 2 |
| Polycom Eagle Eye MPTZ-6 | Video Camera | 07243165 / 17141797 | 2 |
| Polycom Powercam VSX 8000 | Video Camera | 000EF2 / 000FAE | 2 |
| Polycom HDX Mica Microphone | Microphone Kit | 820708000FFEC6 | 1 |
| Polycom VSX Mic Array | Microphone Kit | 02CEC9 / 02AAA7 | 2 |
| Polycom HDX9004 Codec | Video Codec | 07C5E0C9 / 072D05 | 1 |
| Polycom VSX Codec 8400 | Video Codec | 0849CC | 1 |
| Polycom Image Share II | Image Share | 088014 | 1 |
| Polycom Mic Array HDX9004 / VSX | Microphone Kit | 8207080011A0C5 / 8207080010EAC6 / 82072202D187AM | 3 |
| Polycom RMX2000 MCU | Conference Bridge | VR2070627007 | 1 |
| Polycom SE200 | Management Appliance | 0090FB125068 | 1 |
| Scopia-100 MCU24 | A/V Conference Unit | 0826070046 | 1 |
| Sonus GNS15 | GNS15-3 Assy. | 804089399 | 1 |
| Sonus GSX4010-AC-1512-NR | Non-Redundant Span Gateway | 811083019 | 1 |
| SUN EMS-N240-2-a-c | Server, Netra 240 | 50836FMA023 / 50836FMA0HG / 50748FMA0AE | 3 |

GFI: The Government will provide information to facilitate Contractor performance of work with respect to Section 6.20 IMS Industry Requirements Group. The titles of this information are as follows: : Core IR Document, Access IR HRPD Document, Access eHRPD Document, Access IR UMTS Document, Access IR LTE Document, Access IR WiMAX Document, Access IR Satellite Document. DHS is not providing any intellectual property rights in the Government Furnished Information beyond the date of termination or closure of the contract.

9 Security

Contract Security Classification

This contract effort is unclassified.

Contractor Information

Performance of this contract requires the Contractor to gain access to classified National Security Information (includes documents and material) and sensitive but unclassified (SBU) information. Classified information is Government information which requires protection in accordance with Executive Order 12958, National Security Information (NSI) as amended and supplemental directives. SBU is unclassified information for official use only. Contractor employees that do not have a security clearance and require access to SBU information will be given a suitability determination. Requirements for suitability determination are defined in paragraph 3.0, security language for SBU contracts.

The Contractor shall abide by the requirements set forth in the DD Form 254, Contract Security Classification Specification, an attachment to the contract, and the National Industrial Security Program Operating Manual (NISPOM) for protection of classified information at its cleared facility, if applicable, as directed by the Defense Security Service. If the Contractor is required to have access to classified information at a DHS or other Government Facility, it shall abide by the requirements set forth by the agency.

10 Employment Eligibility

Subject to existing law, regulations and/or other provisions of this contract, illegal or undocumented aliens shall not be employed by the Contractor or perform on this contract. The Contractor shall ensure this provision is expressly incorporated into any and all subcontracts or subordinate agreements issued in support of this contract.

11 Continued Eligibility

DHS reserves the right to deny and/or restrict entrance to government facilities, prohibit employees from assigned work under the contract, deny and/or restrict handling of classified documents/material to any Contractor employee who DHS determines to present a risk of compromising classified and/or sensitive Government information.

The DHS Security Office may require drug screening at any time for probable cause and/or when the Contractor independently identifies circumstances where probable cause exists.

The Contractor shall report to the DHS Security Office any and all adverse information brought to their attention concerning employees performing under this contract. Reports based on rumor or innuendo shall not be included. The subsequent termination of employment of an employee does not obviate the requirement to submit this report. The report shall include the employee's name and social security number, along with the adverse information being reported.

12 Termination

The DHS Security Office shall be notified of all terminations/resignations within five (5) days of occurrence. The Contractor shall return all DHS-issued identification cards and building passes that

have either expired or been collected from terminated employees to the COTR. If an identification card or building pass is not available to be returned, a report shall be submitted to the COTR, referencing the pass or card number, name of individual to whom issued, and the last known location or disposition of the pass or card.

13 Security Management

The Contractor shall appoint a senior official to act as a Security Officer. The individual shall interface with the DHS Security Office, through the COTR, on all security matters, to include physical, personnel, and protection of all classified documents/material handled by the Contractor.

The COTR and DHS Security Office will have the right to inspect procedures, methods and facilities utilized by the Contractor to comply with the security requirements under this contract. Should the COTR or DHS Security Office determine the Contractor is not in compliance with the security requirements of the contract, the Contracting Officer will notify the Contractor, in writing, of the appropriate action that will be taken to rectify any non-compliance.

14 Suitability Determination

DHS shall exercise full control over granting, denying, withholding or terminating unescorted government facility and/or access to or handling of both classified and sensitive Government information to Contractor employees based upon the results of a background investigation. DHS may, as deems appropriate, authorize and grant a favorable entry on duty (EOD) decision based on preliminary security checks. The favorable EOD decision would allow the employees to commence work temporarily prior to the completion of the full investigation. The granting of a favorable EOD decision shall not be considered as assurance that a full employment suitability authorization will follow as a result thereof. The granting of a favorable EOD decision or a full employment suitability determination shall in no way prevent, preclude, or bar the withdrawal or termination of any such access by DHS, at any time during the term of the contract. No employee of the Contractor shall be allowed unescorted access to a Government facility without a favorable EOD decision or suitability determination by the Security Office. Contract employees assigned to the contract not requiring access to sensitive DHS information or recurring access to DHS facilities will not be subject to security suitability screening.

Contract employees waiting for an EOD decision may begin work on the contract provided they do not access sensitive Government information. Limited access to Government buildings is allowable prior to the EOD decision if the Contractor is escorted by a Government employee. This limited access allows Contractors to attend briefings, non-recurring meetings and begin transition work.

15 Background Investigations

Contract employees (to include applicants, temporaries, part-time and replacement employees) under the contract, requiring access to sensitive information, shall undergo a position sensitivity analysis based on the duties each individual will perform on the contract. The results of the position sensitivity analysis shall identify the appropriate background investigation to be conducted. All background investigations will be processed through the DHS Security Office. Prospective Contractor employees shall submit the following completed forms to the DHS Security Office through the COTR no less than thirty (30) days before the start date of the contract, or thirty (30) days prior to entry on duty of any employees, whether a replacement, addition, subcontractor employee, or vendor:

- Standard Form 85P, "Questionnaire for Public Trust Positions"
- FD Form 258, "Fingerprint Card" (2 copies)
- Conditional Access To Sensitive But Unclassified Information Non-Disclosure Agreement (DHS Form 11000-6)
- Disclosure and Authorization Pertaining to Consumer Reports Pursuant to the Fair Credit Reporting Act (DHS Form 11000-9)

Required forms will be provided by DHS at the time of award of the contract. Only complete packages will be accepted by the DHS Security Office. Specific instructions on submission of packages will be provided upon award of the contract.

Be advised that unless an applicant requiring access to sensitive information has resided in the US for three of the past five years, the Government may not be able to complete a satisfactory background investigation. In such cases, DHS retains the right to deem an applicant as ineligible due to insufficient background information.

The use of Non-U.S. citizens, including Lawful Permanent Residents (LPRs), is not permitted in the performance of this contract for any position that involves access to or development of any DHS Information Technology (IT) systems. DHS will consider only U.S. Citizens and LPRs for employment on this contract. DHS will not approve LPRs for employment on this contract in any position that requires the LPR to access or assist in the development operation, management or maintenance of DHS IT systems. By signing this contract, the Contractor agrees to this restriction. In those instances where other non-IT requirements contained in the contract can be met by using LPRs, those requirements shall be clearly described.

16 Information Technology Security Clearance

When sensitive government information is processed on Department telecommunications and automated information systems, the Contractor shall provide for the administrative control of sensitive data being processed and adhere to the procedures governing such data as outlined in "DHS IT Security Program – Publication DHS MD 4300.Pub". Contractor personnel must have favorably adjudicated background investigations commensurate with the defined sensitivity level.

Contractors who fail to comply with Department security policy are subject to having their access to Department IT systems and facilities terminated, whether or not the failure results in criminal prosecution. Any person who improperly discloses sensitive information is subject to criminal and civil penalties and sanctions under a variety of laws (e.g., Privacy Act).

17 Information Technology Security Training and Oversight

All Contractor employees using Department automated systems or processing Department sensitive data shall be required to receive Security Awareness Training. This training will be provided by the appropriate component agency of DHS.

Contractors involved with management, use, or operation of any IT systems that handle sensitive information within or under the supervision of the Department, shall receive periodic training at least annually in security awareness and accepted security practices and systems rules of behavior. Department Contractors, with significant security responsibilities, shall receive specialized training

specific to their security responsibilities annually. The level of training shall be commensurate with the individual's duties and responsibilities and is intended to promote a consistent understanding of the principles and concepts of telecommunications and IT systems security.

All personnel who access Department information systems will be continually evaluated while performing these duties. Supervisors should be aware of any unusual or inappropriate behavior by personnel accessing systems. Any unauthorized access, sharing of passwords, or other questionable security procedures should be reported to the local Security Office or Information System Security Officer (ISSO).

18 3052.209-72 Organizational Conflict of Interest. (JUN 2006)

(a) Determination. The Government has determined that this effort may result in an actual or potential conflict of interest, or may provide one or more offerors with the potential to attain an unfair competitive advantage. The nature of the conflict of interest and the limitation on future contracting ["contracting officer shall insert description here"] .

(b) If any such conflict of interest is found to exist, the Contracting Officer may (1) disqualify the offeror, or (2) determine that it is otherwise in the best interest of the United States to contract with the offeror and include the appropriate provisions to avoid, neutralize, mitigate, or waive such conflict in the contract awarded. After discussion with the offeror, the Contracting Officer may determine that the actual conflict cannot be avoided, neutralized, mitigated or otherwise resolved to the satisfaction of the Government, and the offeror may be found ineligible for award.

(c) Disclosure: The offeror hereby represents, to the best of its knowledge that:

___ (1) It is not aware of any facts which create any actual or potential organizational conflicts of interest relating to the award of this contract, or

___ (2) It has included information in its proposal, providing all current information bearing on the existence of any actual or potential organizational conflicts of interest, and has included a mitigation plan in accordance with paragraph (d) of this provision.

(d) Mitigation. If an offeror with a potential or actual conflict of interest or unfair competitive advantage believes the conflict can be avoided, neutralized, or mitigated, the offeror shall submit a mitigation plan to the Government for review. Award of a contract where an actual or potential conflict of interest exists shall not occur before Government approval of the mitigation plan. If a mitigation plan is approved, the restrictions of this provision do not apply to the extent defined in the mitigation plan.

(e) Other Relevant Information: In addition to the mitigation plan, the Contracting Officer may require further relevant information from the offeror. The Contracting Officer will use all information submitted by the offeror, and any other relevant information known to DHS, to determine whether an award to the offeror may take place, and whether the mitigation plan adequately neutralizes or mitigates the conflict.

(f) Corporation Change. The successful offeror shall inform the Contracting Officer within thirty (30) calendar days of the effective date of any corporate mergers, acquisitions, and/or divestitures that may affect this provision.

(g) Flow-down. The contractor shall insert the substance of this clause in each first tier subcontract that exceeds the simplified acquisition threshold.

19. Other Limitations

The Contractor does not have any rights under the contract to use the DHS seal or other DHS intellectual property without specific permission from the Contracting Officer

20. Clauses incorporated by reference

52.227-11 Patent Rights – Ownership by the Contractor
52.227-16 Additional Data Requirements
Rights in Data -- Special Works

REFERENCES

DHS Office of Security

DHS, Office of Security
Deputy Chief, Personnel Security Staff
Attn: Kimberly Lew
Washington DC 20528
Telephone (b)(6)

Defense Security Service

Defense Industrial Security Clearance Office (DISCO)
2780 Airport Drive Suite (b)(6)
Columbus, Ohio 43219-2268
Phone (b)(6)
Fax: (614) 827-1635

| | | | | | |
|---|--|--|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 30 | |
| 2. AMENDMENT/MODIFICATION NO. P00004 | | 3. EFFECTIVE DATE 08/18/2011 | | 4. REQUISITION/PURCHASE REQ. NO. | |
| 5. PROJECT NO. (If applicable) | | 6. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | 7. ADMINISTERED BY (If other than Item 6) U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 921211578 | | 9A. AMENDMENT OF SOLICITATION NO. (X) | | 9B. DATED (SEE ITEM 11) | |
| CODE 8782112830000 FACILITY CODE | | 10A. MODIFICATION OF CONTRACT/ORDER NO. HSHQDC-09-D-00062 HSHQDC-11-J-00063 | | 10B. DATED (SEE ITEM 13) 02/10/2011 | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

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

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| X | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| X | D. OTHER (Specify type of modification and authority) Mutual Agreement |

E. IMPORTANT: Contractor ☐ is not. ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

The purpose of this modification is to revise Invoice Payment Instructions and identify the Contracting Officer. As a result, the task order is modified as follows:
Section entitled, "Government Point of Contact" is modified to add the Contracting Officer as follows:

Robert Degnan

(b)(6)

Section entitled "Invoice Procedures" is deleted in its entirety and replaced with the Continued ...

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

| | | | |
|---|--|---|--|
| 15A. NAME AND TITLE OF SIGNER (Type or print) Robert Degnan | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert Degnan | |
| 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) | | 16B. UNITED STATES OF AMERICA (b)(6) | |
| 15C. DATE SIGNED | | 16C. DATE SIGNED 8/19/11 | |

NSN 7540-01-152-8070
Previous edition unusable

Prescribed by GSA
FAR (48 CFR) 63.243

| | | | |
|---------------------------|--|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00004 | 2 | 30 |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>following:</p> <p>All invoices shall be submitted in PDF via email to:</p> <p>NPPDInvoice.Consolidation@dhs.gov</p> <p>All invoices, mailed or emailed, must be addressed as follows:</p> <p>Burlington Finance Center P.O. Box 1279 Williston, VT 05495-1279 Attn: NPPD-NCSD-CSI</p> <p>The below constitutes a proper invoice:</p> <p>1. In accordance with the contract clauses, the information required with each proper invoice submission is as follows: An invoice shall include:</p> <p>(i) Name and address of the Contractor;</p> <p>(ii) Invoice date and number;</p> <p>(iii) Contract number, contract line item number and, if applicable, the order number;</p> <p>(iv) Description, quantity, unit of measure, unit price and extended price of the items delivered;</p> <p>(v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading;</p> <p>(vi) Terms of any discount for prompt payment offered;</p> <p>(vii) Name and address of official to whom payment is to be sent;</p> <p>(viii) Name, title, and phone number of person to notify in event of defective invoice; and</p> <p>(ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.</p> <p>(x) Electronic funds transfer (EFT) banking information. (A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract. (B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision, contract clause (e.g., 52.232-33, Payment by Electronic Funds Transfer; Central Contractor Registration, or 52.232-34, Payment by Electronic Funds Transfer; Other Continued Than Central Contractor Registration), or applicable agency Continued ...</p> | | | | |

| | | | |
|---------------------------|--|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00004 | 3 | 30 |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>procedures. (C) EFT banking information is not required if the Government waived the requirement to pay by EFT. Invoices without the above information may be returned for resubmission.</p> <p>2. Receiving Officer/COTR: Each Program Office is responsible for acceptance and receipt of goods and/or services. Upon receipt of goods/services, complete the applicable FFMS reports or BFC will not process the payment.</p> <p>3. All other terms and conditions remain the same.</p> <p>AAP Number: 63422 DO/DFAS Rating: NONE Period of Performance: 02/11/2011 to 02/10/2013</p> | | | | |

| | | | | | |
|---|--|---|--|--|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 12 | |
| 2. AMENDMENT/MODIFICATION NO. P00005 | | 3. EFFECTIVE DATE See Block 16C | | 4. REQUISITION/PURCHASE REQ. NO. RNNC-11-00125 | |
| 5. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | 6. CODE DHS/OPO/NPPAD/CS& | | 7. ADMINISTERED BY (If other than Item 6) U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | |
| 8. NAME AND ADDRESS OF CONTRACTOR (Firm, Street, County, State and ZIP Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 021211678 | | 9A. AMENDMENT OF SOLICITATION NO. (X) | | 9B. DATED (SEE ITEM 11) | |
| 10A. MODIFICATION OF CONTRACT/ORDER NO. HSHQDC-09-D-00062 HSHQDC-11-J-00063 | | 10B. DATED (SEE ITEM 13) 02/10/2011 | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | |

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

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

| | |
|------------------|--|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| X | D. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties |

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

The purpose of this modification is to incorporate the following changes:

1. Provide a revised listing of Government Furnished Equipment (GFE) into Section 8 of the Statement of Work.
2. Appoint Carlos Santiago as an alternate Contracting Officers Technical Representative (COTR).
3. Correct the lines of accounting as follows:

CLIN 0004 - Modeling Base Year: From: NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE
2576 RN0024 Funded: (b)(4)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect.

| | | | |
|--|--|------------------------------------|--|
| 15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert Deanan | | 15B. DATE SIGNED 9/26/11 | |
| SIGNED (b)(6) | | DATE SIGNED 9/26/11 | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00005

PAGE 2 OF 12

NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 0004 | <p>To: NSEP000000 LO 0405-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0125 Funded: (b)(4)</p> <p>CLIN 0010 - Travel Base Year: From - NSEP000-000LO 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: (b)(4)</p> <p>To: NSEP000-000LO 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN00125 Funded: (b)(4)</p> <p>CLIN 0011 - Other Direct Costs (ODC): From -NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4)</p> <p>To: NSEP000-000LO 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN0125 Funded: (b)(4)</p> <p>All other terms and conditions remain unchanged.</p> <p>AAP Number: 63422 DO/DPAS Rating: NONE Discount Terms: Net 30 Delivery Location Code: PREPBSTN Preparedness (Ballston) 1110 N. Glebe Rd Arlington VA 22201</p> <p>Mark For: Department of Homeland Security Office of Procurement Operations 245 Murray Lane Bldg. 410 Washington DC 20528</p> <p>FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013</p> <p>Change Item 0004 to read as follows (amount shown is the obligated amount):</p> <p>Modeling</p> <p>Modeling Base year</p> <p>Product/Service Code: R425 Product/Service Description: ENGINEERING & TECHNICAL SERVICES</p> <p>Accounting Info: Continued ...</p> | | | | 0.00 |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00005

PAGE

OF

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L0 0405-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0125 Funded: (b)(4) Change Item 0010 to read as follows (amount shown is the obligated amount): 0010 Travel -- Base Year Total Not To Exceed Cost for this line item is (b)(4) Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000-000L0 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN00125 Funded: (b)(4) Change Item 0011 to read as follows (amount shown is the obligated amount): Continued ... | | | | 0.00 |

CONTINUATION SHEET

REFERENCE NO OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00005

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 0011 | ODC - Base Year Total ODC Not To Exceed Cost for this line item 1: (b)(4) Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: (b)(4) Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-50-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000-000L0 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN0125 Funded: (b)(4) | | | | 0.00 |

Requisition and Invoice/Shipping Document
(Continuation Sheet)

Voucher Number: MCS-MCS-2007-0001, 20070514
Sheet 2

| Item | Description | Quantity | Unit | Price | Total |
|------|---------------------|----------|------|-------------|-------------|
| 01 | APC Back-UPS ES 725 | 1 | EA | \$20,256.00 | \$20,256.00 |
| 02 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 03 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 04 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 05 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 06 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 07 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 08 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 09 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 10 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 11 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 12 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 13 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 14 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 15 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 16 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 17 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 18 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 19 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 20 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 21 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 22 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 23 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |
| 24 | APC Back-UPS ES 725 | 1 | EA | \$182.00 | \$182.00 |

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Requisition and Invoice/Shipping Document
(Continuation Sheet)

Vendor Number: MCS-NC1-2007-0001, 20070514
Sheet: 3

| Item | Description | Unit | Quantity | Unit Price | Total Price | Remarks |
|------|-----------------------------|------|----------|------------|-------------|---------|
| 26 | Cable | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 26 | Cable | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 27 | APC 1000W 1U rackmount UPS | APC | 1 | \$650.00 | \$650.00 | |
| 28 | APC 2000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 29 | APC 3000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 30 | APC 4000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 31 | 3000 VA UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 32 | APC 1000W 1U rackmount UPS | APC | 1 | \$650.00 | \$650.00 | |
| 33 | APC 2000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 34 | APC 3000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 35 | APC 4000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 36 | APC 5000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 37 | APC 6000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 38 | APC 7000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 39 | APC 8000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 40 | APC 9000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 41 | APC 10000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 42 | APC 11000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 43 | APC 12000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 44 | APC 13000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 45 | APC 14000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 46 | APC 15000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 47 | APC 16000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 48 | APC 17000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 49 | APC 18000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 50 | APC 19000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 51 | APC 20000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 52 | APC 21000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 53 | APC 22000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 54 | APC 23000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 55 | APC 24000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 56 | APC 25000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 57 | APC 26000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 58 | APC 27000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 59 | APC 28000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 60 | APC 29000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 61 | APC 30000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 62 | APC 31000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 63 | APC 32000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 64 | APC 33000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 65 | APC 34000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 66 | APC 35000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 67 | APC 36000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 68 | APC 37000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 69 | APC 38000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 70 | APC 39000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 71 | APC 40000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 72 | APC 41000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 73 | APC 42000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 74 | APC 43000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 75 | APC 44000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 76 | APC 45000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 77 | APC 46000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 78 | APC 47000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 79 | APC 48000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 80 | APC 49000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 81 | APC 50000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 82 | APC 51000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 83 | APC 52000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 84 | APC 53000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 85 | APC 54000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 86 | APC 55000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 87 | APC 56000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 88 | APC 57000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 89 | APC 58000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 90 | APC 59000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 91 | APC 60000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 92 | APC 61000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 93 | APC 62000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 94 | APC 63000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 95 | APC 64000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 96 | APC 65000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 97 | APC 66000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 98 | APC 67000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 99 | APC 68000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |
| 100 | APC 69000W 1U rackmount UPS | APC | 1 | \$1,200.00 | \$1,200.00 | |

25012

Registration and Invoice Shipping Document
(Confirmation Sheet)

Voucher Number: MCS-2407-0001, 20070814
Sheet: 4

| Line | Item | Quantity | Unit | Price | Amount | Balance |
|------|--------|----------|------|-------------|-------------|---------|
| 48 | Router | 1 | | \$10,000.00 | \$10,000.00 | |
| 49 | Router | 1 | | \$400.00 | \$400.00 | |
| 50 | Router | 1 | | \$700.00 | \$700.00 | |
| 51 | Router | 1 | | \$700.00 | \$700.00 | |
| 52 | Router | 1 | | \$700.00 | \$700.00 | |
| 53 | Router | 1 | | \$700.00 | \$700.00 | |
| 54 | Router | 1 | | \$700.00 | \$700.00 | |
| 55 | Router | 1 | | \$700.00 | \$700.00 | |
| 56 | Router | 1 | | \$700.00 | \$700.00 | |
| 57 | Router | 1 | | \$700.00 | \$700.00 | |
| 58 | Router | 1 | | \$700.00 | \$700.00 | |
| 59 | Router | 1 | | \$700.00 | \$700.00 | |
| 60 | Router | 1 | | \$700.00 | \$700.00 | |
| 61 | Router | 1 | | \$700.00 | \$700.00 | |
| 62 | Router | 1 | | \$700.00 | \$700.00 | |
| 63 | Router | 1 | | \$700.00 | \$700.00 | |
| 64 | Router | 1 | | \$700.00 | \$700.00 | |
| 65 | Router | 1 | | \$700.00 | \$700.00 | |
| 66 | Router | 1 | | \$700.00 | \$700.00 | |
| 67 | Router | 1 | | \$700.00 | \$700.00 | |
| 68 | Router | 1 | | \$700.00 | \$700.00 | |
| 69 | Router | 1 | | \$700.00 | \$700.00 | |
| 70 | Router | 1 | | \$700.00 | \$700.00 | |
| 71 | Router | 1 | | \$700.00 | \$700.00 | |
| 72 | Router | 1 | | \$700.00 | \$700.00 | |

ENC

Requisition and Invoice/Shipping Document
(Continuation Sheet)

Vendor Number: NCS-NCS-2007-0001, 20070614
Sheet: 5

| Line | Description | Unit | Quantity | Unit Price | Amount | Extended Price | Comments |
|------|---|-------|----------|------------|-----------|----------------|----------|
| 73 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 74 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 75 | Class 2851 Rubber, Tumbled Driver Bands | Class | 1 | 22,000.00 | 22,000.00 | | |
| 76 | Class 2851 Rubber, Vehicle Bands | Class | 1 | 21,000.00 | 21,000.00 | | |
| 77 | Class 2851 Rubber, Vehicle Bands | Class | 1 | 21,000.00 | 21,000.00 | | |
| 78 | Class 2725 Rubber 2851TIF | Class | 1 | 2472.00 | 2472.00 | | |
| 79 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 80 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 81 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 82 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 83 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 84 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 85 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 86 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 87 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 88 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 89 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 90 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 91 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 92 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 93 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 94 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 95 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 96 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 97 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 98 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 99 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |
| 100 | Class 285004 rubber dust 10000 (E3) | Class | 1 | 2485.00 | 2485.00 | | |

Requisition and Invoice/Shipping Document
(Continuation Sheet)

Voucher Number: NCS-A03-2007-0001, 20070614
Sheet: 6

| Line Item | Description | Unit of Measure | Quantity | Unit Price | Total Price | Agency Use Only |
|-----------|--|-----------------|----------|-------------|-------------|-----------------|
| 97 | Server | Qty | 1 | \$50,778.00 | \$50,778.00 | |
| 98 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 99 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 100 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 101 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 102 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 103 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 104 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 105 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 106 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 107 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 108 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 109 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 110 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 111 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 112 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 113 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 114 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 115 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 116 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 117 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 118 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 119 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |
| 120 | Dell PowerEdge 2850 - 2.66 GHz Xeon 3000 Core 16GB | Qty | 1 | \$2,295.00 | \$2,295.00 | |

Registration and Invoicing Shipping Document
(Continuation Sheet)

Voucher Number: RCS-HCS-2007-0001, 20070814
Sheet: 7

| Line | Description | Unit | Quantity | Unit Price | Total Price | Tax | Net Price |
|------|--|-----------|----------|--------------|--------------|-----|--------------|
| 121 | Wireless Speaker | Pair | 1 | \$175.00 | \$175.00 | | \$175.00 |
| 122 | 2007 Ford Focus | ECOTEC | 1 | \$175.00 | \$175.00 | | \$175.00 |
| 123 | Integrated Router and Switch - 2 T1 interfaces | Router | 1 | \$5,000.00 | \$5,000.00 | | \$5,000.00 |
| 124 | Printer | Printer | 1 | \$400.00 | \$400.00 | | \$400.00 |
| 125 | Router | Router | 1 | \$25,000.00 | \$25,000.00 | | \$25,000.00 |
| 126 | Router | Router | 1 | \$100,000.00 | \$100,000.00 | | \$100,000.00 |
| 127 | Video Projector | Projector | 1 | \$12,000.00 | \$12,000.00 | | \$12,000.00 |
| 128 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 129 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 130 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 131 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 132 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 133 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 134 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 135 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 136 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 137 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 138 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 139 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 140 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 141 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 142 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 143 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |
| 144 | 2007 Nissan TV | LC | 1 | \$1,718.00 | \$1,718.00 | | \$1,718.00 |

Registration and Invoice/Shipping Document
(Continuation Sheet)

Voucher Number: NCS-MCS-2007-0001 20070514

Sheet 2

| Item # | Description | Manufacturer | Model Number | Part Number | Unit | Quantity | Unit Price | Total Price |
|--------------|--------------|--------------|-----------------|-------------|------|----------|----------------|----------------|
| 145 | Voice Camera | Polycom | Polycom VS02000 | 04-4839 | 48 | 1 | \$7,295.00 | \$7,295.00 |
| 146 | Voice Camera | Polycom | Polycom VS02000 | 000002 | 48 | 1 | \$480.00 | \$480.00 |
| 147 | Voice Camera | Polycom | Polycom VS02000 | 06-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 148 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 149 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 150 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 151 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 152 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 153 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 154 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 155 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 156 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 157 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 158 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 159 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 160 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 161 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 162 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 163 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| 164 | Voice Camera | Polycom | Polycom VS02000 | 02-0000 | 48 | 1 | \$7,053.00 | \$7,053.00 |
| GRAND TOTAL: | | | | | | | \$1,053,992.50 | \$1,053,992.50 |

| | | | | | |
|--|--|---|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 2 | |
| 2. AMENDMENT/MODIFICATION NO. P00006 | | 3. EFFECTIVE DATE 12/21/2011 | | 4. REQUISITION/PURCHASE REQ. NO. | |
| 5. PROJECT NO. (If applicable) | | 7. ADMINISTERED BY (If other than item 6) U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | CODE DHS/OPO/NPPAD/CS&C | |
| 6. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | CODE DHS/OPO/NPPAD/CS&C | | 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 921211578 | |
| CODE 8782112830000 | | FACILITY CODE | | 9A. AMENDMENT OF SOLICITATION NO. (X) | |
| | | | | 9B. DATED (SEE ITEM 11) | |
| | | | | X 10A. MODIFICATION OF CONTRACT/ORDER NO. HSHQDC-09-D-00062 HSHQDC-11-J-00063 | |
| | | | | 10B. DATED (SEE ITEM 13) 02/10/2011 | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

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

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| X | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ 0 _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000
PR# RNNC-12-00048 (COTR Change)

The purpose of this modification is to change the Contracting Officer Technical Representative (COTR) from Val Liles to Giang Huynh.

Contact Information

Giang Huynh

Email

Phone

(b)(6)

Invoices are to be submitted to Giang Huynh

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

| | | | |
|---|--|---|--|
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert Degnan | |
| 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) | | 15C. DATE SIGNED (b)(6) | |
| | | 16C. DATE SIGNED 12/21/11 | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00006

PAGE OF

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | All other terms and conditions remain unchanged. AAP Number: 63422 DO/DPAS Rating: NONE Period of Performance: 02/11/2011 to 02/10/2013 | | | | |

| | | | | | |
|--|---|--|--|--------------------------------|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| 2. AMENDMENT/MODIFICATION NO. | | 3. EFFECTIVE DATE | | 4. PROJECT NO. (If applicable) | |
| P00007 | | 02/11/2012 | | RNNC-12-00009 | |
| 6. ISSUED BY | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| CODE | | DHS/OPO/NPPAD/CS& | | DHS/OPO/NPPAD/CS& | |
| U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (Firm, street, county, State and ZIP Code) | | 9A. AMENDMENT OF SOLICITATION NO. | | | |
| SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 921211578 | | (X) | | | |
| CODE | | FACILITY CODE | | | |
| 8782112830000 | | | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | | | |
| | | HSHQDC-09-D-00062 | | | |
| | | HSHQDC-11-J-00063 | | | |
| | | 10B. DATED (SEE ITEM 13) | | | |
| | | 02/10/2011 | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | | |
| See Schedule. Net Increase: (b)(4) | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | |
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | |
| | D. OTHER (Specify type of modification and authority) | | | | |
| X | FAR 52.217-9 Option to Extend the Term of the Contract | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return 0 copies to the issuing office. | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | |
| DUNS Number: 8782112830000 | | | | | |
| PR: RNNC-12-00009 | | | | | |

The purpose of this modification is to exercise Option Period 1 and to extend the period of performance through 2/10/2013.

All other terms and conditions remain unchanged.

Continued ...

| | | | |
|--|--|---------------------|--|
| 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | 16C. DATE SIGNED | |
| (b)(6) | | 2/7/12 | |
| DATE SIGNED | | RM 30 (REV. 10-83) | |
| 7/11 | | SA | |
| | | FAR (48 CFR) 53.243 | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00007

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>Contact Information:</p> <p>Contracting Officer Technical Representative (COTR) Giang Huynh Email: (b)(6) Teleph (b)(6)</p> <p>Contract Specialist (CS) Rashema Collins Email: (b)(6) Teleph (b)(6)</p> <p>Contracting Officer: Robert Degnan Email: (b)(6) Teleph (b)(6)</p> <p>AAP Number: 63422 DO/DPAS Rating: NONE Discount Terms: Net 30 Delivery Location Code: DHS Department of Homeland Security 245 Murray Lane Bldg. 410 Washington DC 20528</p> <p>FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013</p> <p>Change Item 1001 to read as follows (amount shown is the obligated amount):</p> <p>1001 Program Management (CPFF)</p> <p>Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0000-0000 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Change Item 1002 to read as follows (amount shown is the obligated amount):</p> <p>1002 Technical Assessments (CPFF) Continued ...</p> | | | | |

(b)(4)

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00007

PAGE OF
3 6

NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 1003 | <p>Total Line Item Value\$208,401.38 Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Change Item 1003 to read as follows (amount shown is the obligated amount):</p> <p>Standard (CPFF)</p> | | | | |
| 1004 | <p>Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Change Item 1004 to read as follows (amount shown is the obligated amount):</p> <p>Modeling (CPFF)</p> | | | | (b)(4) |
| 1005 | <p>Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Change Item 1005 to read as follows (amount shown is the obligated amount):</p> <p>Cable Infrastructure (CPFF)</p> | | | | |
| | <p>Total Line Item Value (b)(4) Continued ...</p> | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00007

PAGE 4 OF 6

NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 1006 | <p>Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL; ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Change Item 1006 to read as follows (amount shown is the obligated amount):</p> <p>Security and Reliability (CPFF)</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL; ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Change Item 1007 to read as follows (amount shown is the obligated amount):</p> <p>Demonstrations (CPFF)</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL; ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 Continued ...</p> | | | | (b)(4) |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 1008 | 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) Change Item 1008 to read as follows (amount shown is the obligated amount): Labor Fix fee Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) Change Item 1009 to read as follows (amount shown is the obligated amount): 1009 Surge Studies (Ad-Hoc) (CPFF) (Optional) Amount (b)(4) (Option Line Item) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL Change Item 1010 to read as follows (amount shown is the obligated amount): 1010 Travel (COST REIMBURSABLE) Total Line Item Value (b)(4) Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) Change Item 1011 to read as follows (amount shown is the obligated amount): 1011 ODC (COST REIMBURSABLE) Total Line Item Value (b)(4) Continued ... | | | | (b)(4) |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00007

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) | | | | |

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO.

P00000

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

RNNC-12-00045

5. PROJECT NO. (if applicable)

6. ISSUED BY

CODE

DHS/OPO/NPPAD/CS&

CODE

DHS/OPO/NPPAD/CS&

U.S. Dept. of Homeland Security
Office of Procurement Operations
NPPD Acquisition Division
245 Murray Lane, SW
Building 410
Washington DC 20528

U.S. Dept. of Homeland Security
Office of Procurement Operations
NPPD Acquisition Division
245 Murray Lane, SW
Building 410
Washington DC 20528

7. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
CYBER AND INFORMATION SOLUTIONS CO
6841 BENJAMIN DAVIS DRIVE
COLUMBIA MD 21211578

(4) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.

HSHQDC-09-D-00062

HSHQDC-11-J-00063

10B. DATED (SEE ITEM 13)

02/10/2011

CODE

8782112830000

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 10, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

☐ Is extended. ☐ Is not extended.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

See Schedule

Net Decrease:

(b)(4)

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

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X Mutual agreement of the Parties.

E. IMPORTANT:

Contractor

☒ Is not.☐ Is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UO# section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

The purpose of this modification is:

1. To de-obligate unexpended funds in the amount of (b)(4)

2. To change the COTR from Giang Huynh to Lynne Ray.

Contact Information:

Contracting Officer Technical Representative (COTR)

Name: Lynne Ray

Phone

Email

(b)(6)

Continued

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

18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Robert Degnan

DATE SIGNED

2/28/11

(b)(6)

18C. DATE SIGNED

2/28/11

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>Unexpended funds in the amount of (b)(4) will be de-obligated from the following CLINS:</p> <p>a. CLIN 0001 Program Management is changed from (b)(4) decrease of</p> <p>b. CLIN 0003 Standard is changed from (b)(4) decrease of</p> <p>c. CLIN 0006 Security and Reliability is changed (b)(4) decrease of</p> <p>d. CLIN 0007 Demonstrations is changed from (b)(4) decrease of</p> <p>e. CLIN 00008 Fixed Fee on Labor Base Year is changed f (b)(4) decrease</p> <p>f. CLIN 00010 Travel is changed from (b)(4) to (b)(4)</p> <p>g. CLIN 00011 ODC is changed from (b)(4) (b)(4)</p> <p>As a result of this modification, the total funded amount of the task order is decreased by (b)(4). The total funded amount of this task order is decreased from (b)(4) (b)(4)</p> <p>All other terms and conditions remain unchanged.</p> <p>AAP Number: 63422 DO/DPAS Rating: NONE Discount Terms: Net 30 Delivery Location Code: PREPBSTN Preparedness (Ballston) 1110 N. Glebe Rd Arlington VA 22201</p> <p>Continued ...</p> | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 0001 | <p>Mark For: Department of Homeland Security Office of Procurement Operations 245 Murray Lane Bldg. 410 Washington DC 20528</p> <p>FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013</p> <p>Change Item 0001 to read as follows (amount shown is the obligated amount):</p> <p>Program Management Base year</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R423</p> <p>Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000-00010 04-03-02-00090 05 0003 00 00 00 00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Change Item 0003 to read as follows (amount shown is the obligated amount):</p> | | | | |
| 0003 | <p>Standard Base Year</p> <p>Continued ...</p> | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00008

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP000000 L0 0403-02-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-03-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Change Item 0006 to read as follows (amount shown is the obligated amount): 0006 Security and Reliability Line Item Total Includes: Incrementally Funded: (b)(4) Outstanding Balance: (b)(4) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: . NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Change Item 0007 to read as follows (amount shown is the obligated amount): 0007 Demonstrations Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Continued ... | | | | (b)(4) |

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REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 0008 | <p>Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Change Item 0008 to read as follows (amount shown is the obligated amount):</p> <p>Fix fee on Labor Base year</p> <p>(b)(4)</p> | | | | (b)(4) |
| | <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L0 0403-02-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Continued ...</p> | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 0011 | <p>Change Item 0011 to read as follows (amount shown is the obligated amount):</p> <p>ODC - Base Year</p> <p>Total ODC Not To Exceed Cost for this line item is (b)(4)</p> <p>Total Line Item Value (b)(4)</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-50-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000-000L0 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN0125 Funded: \$0.00</p> | | | | (b)(4) |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00008

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-01-000-90-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Change Item 0010 to read as follows (amount shown is the obligated amount): 0010 Travel - Base Year Total Not To Exceed Cost for this line item is (b)(4) Total Line Item Va (b)(4) Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000-000L0 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN00125 Funded: \$0.00 Continued ... | | | | (b)(4) |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00008

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 0011 | <p>Change Item 0011 to read as follows (amount shown is the obligated amount):</p> <p>ODC - Base Year</p> <p>Total ODC Not To Exceed Cost for this line item is (b)(4)</p> <p>Total Line Item Value (b)(4)</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-50-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4)</p> <p>Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000-000L0 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN0125 Funded: \$0.00</p> | | | | (b)(4) |

| | | | | | |
|--|--|--|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| | | | | 1 6 | |
| 2. AMENDMENT/MODIFICATION NO. | | 3. EFFECTIVE DATE | | 4. REQUISITION/PURCHASE REQ. NO. | |
| P00009 | | See Block 16C | | RNNC-12-00075 | |
| 6. ISSUED BY | | CODE | | 5. PROJECT NO. (If applicable) | |
| DHS/OPO/NPPAD/CS& | | | | DHS/OPO/NPPAD/CS&C | |
| U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | (x) | | 9A. AMENDMENT OF SOLICITATION NO. | |
| SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 921211578 | | | | 9B. DATED (SEE ITEM 11) | |
| | | x | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | |
| | | | | HSHQDC-09-D-00062 | |
| | | | | HSHQDC-11-J-00063 | |
| | | | | 10B. DATED (SEE ITEM 13) | |
| | | | | 02/10/2011 | |
| CODE 8782112830000 | | FACILITY CODE | | | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

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

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| X | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

The purpose of this administrative modification is to revise funding strings on CLINs 1001, 1002, 1004, 1005, 1006, 1007, 1008, 1010, & 1011. There is no change to the total obligation amounts for each of these CLINS.

All other terms and conditions remain unchanged.

AAP Number: 63422 DO/DPAS Rating: NONE

Discount Terms:

Net 30

Continued ...

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

| | | | |
|---|------------------|--|------------------|
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | |
| | | Robert Degnan | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA | 16C. DATE SIGNED |
| (Signature of person authorized to sign) | | (b)(6) | 6/26/12 |

NSN 7540-01-152-8070
Previous edition unusable

FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

| | | | |
|--------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00009 | PAGE | OF |
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NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 1001 | <p>Delivery Location Code: DHS Department of Homeland Security 245 Murray Lane Bldg. 410 Washington DC 20528</p> <p>FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013</p> <p>Change Item 1001 to read as follows (amount shown is the obligated amount):</p> <p>Program Management (CPFF)</p> <p>Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Change Item 1002 to read as follows (amount shown is the obligated amount):</p> | | | | 0.00 |
| 1002 | <p>Technical Assessments (CPFF)</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) Continued ...</p> | | | | 0.00 |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00009 | PAGE | OF |
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NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4) Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4) Change Item 1004 to read as follows (amount shown is the obligated amount): | | | | |
| 1004 | Modeling (CPFF) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4) Change Item 1005 to read as follows (amount shown is the obligated amount): | | | | 0.00 |
| 1005 | Cable Infrastructure (CPFF) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Continued ... | | | | 0.00 |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
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NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 1006 | <p>Funded: (b)(4)</p> <p>Change Item 1006 to read as follows (amount shown is the obligated amount):</p> <p>Security and Reliability (CPFF)</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Change Item 1007 to read as follows (amount shown is the obligated amount):</p> | | | | 0.00 |
| 1007 | <p>Demonstrations (CPFF)</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425</p> <p>Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Accounting Info: Continued ...</p> | | | | 0.00 |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | | PAGE | OF |
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NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 1008 | <p>NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Change Item 1008 to read as follows (amount shown is the obligated amount):</p> <p>Labor Fix fee</p> <p>Total Line Item Value: (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4) Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4) Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Change Item 1010 to read as follows (amount shown is the obligated amount):</p> | | | | 0.00 |
| 1010 | <p>Travel (COST REIMBURSABLE)</p> <p>Total Line Item Value: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4) Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4) Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4) Continued ...</p> | | | | 0.00 |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 1011 | <p>Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Change Item 1011 to read as follows (amount shown is the obligated amount):</p> <p>ODC (COST REIMBURSABLE)</p> <p>Total Line Item Value (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: (b)(4)</p> | | | | 0.00 |

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|--|--|--|--|--|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1 CONTRACT ID CODE | | PAGE OF PAGES 1 3 | |
| 2 AMENDMENT/MODIFICATION NO. P00010 | | 3 EFFECTIVE DATE See Block 16C | | 4 REQUISITION/PURCHASE REQ NO See Schedule | |
| 5 ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | 6 PROJECT NO (if applicable) | | 7 ADMINISTERED BY (if other than Item 6) U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | |
| 8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 921211578 | | 9A AMENDMENT OF SOLICITATION NO (X) | | 9B DATED (SEE ITEM 14) 02/10/2011 | |
| CODE 8782112830000 | | FACILITY CODE | | 10A MODIFICATION OF CONTRACT/ORDER NO HSHQDC-09-D-00062 HSHQDC-11-J-00063 10B DATED (SEE ITEM 13) 02/10/2011 | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12 ACCOUNTING AND APPROPRIATION DATA (if required)

Net Increase:

(b)(4)

See Schedule

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

| | |
|-----------|--|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO IN ITEM 10A |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) |
| X | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR Clause 52.232-22, Limitation of Funds |
| | D. OTHER (Specify type of modification and authority) |

IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return 1 copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

The purpose of this modification is as follows:

1) Provide additional funds for Contracting Line Item Numbers (CLINS) 1003 Standards and 1010 Travel.

2) Raise the ceiling on CLINS 1010 Travel and 1011 Other Direct Costs.

3) As a result of this modification, the total obligated amount of this task order increases (b)(4)

Continued ...

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

15A NAME AND TITLE OF SIGNER (Type or print)

16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Robert Brown

16C DATE SIGNED

7/20/12

FORM 30 (REV 10-83)

Issued by GSA
FAR (48 CFR) 53.243

| | | | |
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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00010 | PAGE | OF |
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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>4) As a result of this modification, the total value of this task order increases from (b)(4) to (b)(4).</p> <p>All other terms and conditions remain unchanged. AAP Number: 63422 DO/DPAS Rating: NONE Discount Terms: Net 30</p> | | | | |
| 1003 | <p>Delivery Location Code: DHS Department of Homeland Security 245 Murray Lane Bldg. 410 Washington DC 20526</p> <p>FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013</p> <p>Change Item 1003 to read as follows (amount shown is the obligated amount):</p> <p>Standard (CPFF)</p> <p>Total Line Item Value \$2,772,351.23 Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL Requisition No: RNNC-12-00009, RNNC-12-00036</p> <p>Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00</p> <p>Accounting Info: NSEP0000 000 MA 53-02-01-002 90-05-003 0000 0000 GEOE 2576 NC2036 Funded (b)(4)</p> <p>Change Item 1010 to read as follows (amount shown is the obligated amount):</p> | | | | (b)(4) |
| 1010 | <p>Travel (COST REIMBURSABLE)</p> <p>Total Line Item Value (b)(4) Requisition No: RNNC-12-00036, RNNC-12-00075</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Continued ...</p> | | | | |

CONTINUATION SHEET

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|----------------|---|-----------------|-------------|-------------------|---------------|
| | Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 | | | | |
| | Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP000 000 MA 53-02-01-002 90-05-003 0000 0000 GEOE 2576 NC2036 Funded: (b)(4) | | | | |
| 1011 | Change Item 1011 to read as follows (amount shown is the obligated amount): ODC (COST REIMBURSABLE) Total Line Item Value (b)(4) Requisition No: RNNC-12-00075 Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 | | | | 0.00 |

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|---|--|--|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 7 | |
| 2. AMENDMENT/MODIFICATION NO. P00011 | | 3. EFFECTIVE DATE See Block 16C | | 4. REQUISITION/PURCHASE REQ. NO. RNNC-12-00090 | |
| 5. PROJECT NO. (If applicable) | | 6. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | 7. ADMINISTERED BY (If other than Item 6) U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 921211578 | | 9A. AMENDMENT OF SOLICITATION NO. (X) | | 9B. DATED (SEE ITEM 11) | |
| CODE 8782112830000 | | FACILITY CODE | | 10A. MODIFICATION OF CONTRACT/ORDER NO. HSHQDC-09-D-00062 HSHQDC-11-J-00063 10B. DATED (SEE ITEM 13) 02/10/2011 | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: (b)(4)
 See Schedule

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

| | |
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| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| X | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

The purpose of this modification is to:

1) Incrementally fund Contracting Line Item Numbers (CLINS) 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1010 and 1011.

2) Increase the total obligated amount of this task order by (b)(4) from (b)(4)

All other terms and conditions remain unchanged.

AAP Number: 63422 DO/DPAS Rating: NONE

Continued ...

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

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| 15A. NAME AND TITLE OF SIGNER (Type or print) | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert Degnan | |
| 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) | 15C. DATE SIGNED | 16C. DATE SIGNED 8/8/12 | |

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NAME OF OFFEROR OR CONTRACTOR
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| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 1002 | Discount Terms: Net 30 Delivery Location Code: DHS Department of Homeland Security 245 Murray Lane Bldg. 410 Washington DC 20528 FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013 Change Item 1002 to read as follows (amount shown is the obligated amount): | | | | |
| | Technical Assessments (CPFF) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-01-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2090 Funded: (b)(4) Change Item 1003 to read as follows (amount shown is the obligated amount): | | | | |
| 1003 | Standard (CPFF) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL Continued ... | | | | |

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NAME OF OFFEROR OR CONTRACTOR

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| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP000 000 MA 53-02-01-002 90-05-003 0000 0000 GEOE 2576 NC2036 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-01-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2090 Funded: (b)(4) Change Item 1004 to read as follows (amount shown is the obligated amount): 1004 Modeling (CPFF) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-01-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2090 Funded: (b)(4) Change Item 1005 to read as follows (amount shown is the obligated amount): 1005 Cable Infrastructure (CPFF) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Continued ... | | | | (b)(4) |

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| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 1006 | Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-01-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2090 Funded (b)(4) Change Item 1006 to read as follows (amount shown is the obligated amount): Security and Reliability (CPFF) Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-01-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2090 Funded (b)(4) Change Item 1007 to read as follows (amount shown is the obligated amount): | | | | (b)(4) |
| | 1007 Demonstrations (CPFF) Continued ... | | | | |

| | | | |
|--------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00011 | PAGE | OF |
| | | 5 | 7 |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 1008 | Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-01-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2090 Funded: (b)(4) Change Item 1008 to read as follows (amount shown is the obligated amount): Labor Fix fee | | | | 100,004.64 |
| | Total Line Item Value (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Continued ... | | | | |

| | | | |
|--------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00011 | PAGE | OF |
| | | 6 | 7 |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 1010 | <p>Accounting Info: NSEP0000-000 MA-53-01-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2090 Funded: (b)(4)</p> <p>Change Item 1010 to read as follows (amount shown is the obligated amount):</p> <p>Travel (COST REIMBURSABLE)</p> <p>Total Line Item Value (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00</p> <p>Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00</p> <p>Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00</p> <p>Accounting Info: NSEP000 000 MA 53-02-01-002 90-05-003 0000 0000 GEOE 2576 NC2036 Funded: \$0.00</p> <p>Accounting Info: NSEP0000-000 MA-53-01-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2090 Funded: (b)(4)</p> <p>Change Item 1011 to read as follows (amount shown is the obligated amount):</p> <p>ODC (COST REIMBURSABLE)</p> <p>Total Line Item Value (b)(4)</p> <p>Accounting Info: NSEP0000-000 MA-53-03-01-002 90-05-0003-00-00-00-00 GEOE 2576 RN2009 Funded: \$0.00</p> <p>Accounting Info: NSEP0000-000 MA-53-02-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Continued ...</p> | | | | (b)(4) |
| 1011 | | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-02-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-03-03-002 90-05-0003-00-00-00-00 GEOE 2576 NC2075 Funded: \$0.00 Accounting Info: NSEP0000-000 MA-53-01-01-002 90-05-0003-00-00-00-00 GEOE 2576 NC2090 Funded (b)(4) | | | | |

| | | | | | |
|---|--|--|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 6 | |
| 2. AMENDMENT/MODIFICATION NO. P00012 | | 3. EFFECTIVE DATE See Block 16C | | 4. REQUISITION/PURCHASE REQ. NO. RNCC-13-50005 | |
| 5. PROJECT NO. (If applicable) | | 6. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | 7. ADMINISTERED BY (If other than item 6) U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 921211578 | | 9A. AMENDMENT OF SOLICITATION NO. | | 9B. DATED (SEE ITEM 11) | |
| CODE 8782112830000 FACILITY CODE | | 10A. MODIFICATION OF CONTRACT/ORDER NO. HSHQDC-09-D-00062 HSHQDC-11-J-00063 | | 10B. DATED (SEE ITEM 13) 02/10/2011 | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 6 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

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

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| X | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

AAP Number: 63422 DO/DPAS Rating: NONE

The purpose of this modification is to realign funding within the base year of this Task Order from CLIN 0011 to CLINS 0001, 0002, 0005, 0007, and 0010 and to update the points of contact (POC) for the Contracting Officer's Representative (COR), Contracting Officer (CO) and Contract Specialist as follows:

1. The Contracting Officer Representative POC is hereby updated from Lynne Ray to Giang Huynh: Telephone: (b)(6)

2. The Contracting Officer POC is hereby updated from Robert Degnan to Patricia Oliver.
Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

| | | | |
|---|------------------|---|--|
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Keturah Stroy | |
| 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) | 15C. DATE SIGNED | 16C. DATE SIGNED 12/4/2012 | |

NSN 7540-01-162-8070
Previous edition unusable

FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>Telephone: (202) 447-5648; email: Patricia.Oliver@hq.dhs.gov</p> <p>3. The Contract Specialist POC is hereby updated from Andrea Evans to Thomas Zaboski. Telephone: (202) 447-5709; email: Tom.Zaboski@hq.dhs.gov</p> <p>4. Funding is hereby reallocated in the amount of (b)(4) from CLIN 0011 and distributed to CLINS 0001, 0002, 0005, 0007, and 0010 in the amounts shown and as per the Lines of Accounting (LOA) listed below: Discount Terms: Net 30 Delivery Location Code: PREPBSTN Preparedness (Ballston) 1110 N. Glebe Rd Arlington VA 22201</p> <p>Mark For: Department of Homeland Security Office of Procurement Operations 245 Murray Lane Bldg. 410 Washington DC 20528 FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013.</p> <p>Change Item 0001 to read as follows (amount shown is the obligated amount):</p> | | | | |
| 0001 | <p>Program Management Base year</p> <p>Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP000000 LO 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000-000LO 04-03-02-00090 05 0003 00 00 00 00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Continued ...</p> | | | | (b)(4) |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN 1013 Funded: (b)(4) | | | | |
| 0002 | Change Item 0002 to read as follows (amount shown is the obligated amount): Technical Assessments, Analyses, Studies, White Papers and Reports. Product/Service Code: R425 Product/Service Description: SUPPORT-PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP000000 L1 0403-01-000-90-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN 1013 Funded: (b)(4) | | | | (b)(4) |
| 0005 | Change Item 0005 to read as follows (amount shown is the obligated amount): Cable Infrastructure Base Year Line Item Total includes: Continued ... | | | | |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Incrementally Funded: (b)(4) outstanding Balance: (b)(4) | | | | |
| | Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN 1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN 1013 Funded (b)(4) | | | | |
| | Change Item 0007 to read as follows (amount shown is the obligated amount): | | | | |
| 0007 | Demonstrations Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN 1013 Funded (b)(4) | | | | (b)(4) |
| | Change Item 0010 to read as follows (amount shown is the obligated amount): | | | | |
| | Continued ... | | | | |

NAME OF OFFEROR OR CONTRACTOR
 SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 0010 | Travel - Base Year Total Not To Exceed Cost for this line item is (b)(4) Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000-000L0 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN00125 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN 1013 Funded (b)(4) Change Item 0011 to read as follows (amount shown is the obligated amount): | | | | (b)(4) |
| 0011 | ODC - Base Year Total ODC Not To Exceed Cost for this line item is (b)(4) Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: Continued ... | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-50-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000-000L0 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN0125 Funded: \$0.00 | | | | |

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|---|--|---|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 3 | |
| 2. AMENDMENT/MODIFICATION NO. P00013 | | 3. EFFECTIVE DATE See Block 16C | | 4. REQUISITION/PURCHASE REQ. NO. RNCC-13-50031 | |
| 6. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | 7. ADMINISTERED BY (if other than Item 6) U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | 5. PROJECT NO. (if applicable) | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, state and ZIP Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION CYBER AND INFORMATION SOLUTIONS CO 6841 BENJAMIN DAVIS DRIVE COLUMBIA MD 21211578 | | 9A. AMENDMENT OF SOLICITATION NO. | | 9B. DATED (SEE ITEM 11) | |
| CODE 878211.2830000 | | FACILITY CODE | | 10A. MODIFICATION OF CONTRACT/ORDER NO. HSHQDC-09-D-00062 HSHQDC-11-J-00063 10B. DATED (SEE ITEM 13) 02/10/2011 | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

☐ is extended, ☐ is not extended.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

See Schedule

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

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |
| X | FAR 43.103(a) Bilateral |

14. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return _____ 1 _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 878211283+0000

AAP Number: 63422 DO/DPAS Rating: NONE

The purpose of this modification is to realign funds as follows:

1. Funds in the amount (b)(4) are hereby realigned from CLIN 0003 to CLIN 0011 using the Lines of Accounting (LOA) designated below.

2. CLIN 0003 is hereby decreased from

(b)(4)

3. CLIN 0011 is hereby increased from

Continued ...

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

| | |
|---|----------------------------|
| 10A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Keturah Stroy | |
| 15C. DATE SIGNED 1/7/11 | 15C. DATE SIGNED 1/8/13 |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00013

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 0003 | <p>4. All other terms and conditions of the above numbered award remain unchanged. Discount Terms: Net 30 Delivery Location Code: PREPBSTN Preparedness (Ballston) 1110 N. Glebe Rd Arlington VA 22201</p> <p>FOB: Destination Period of Performance: 02/11/2011 to 02/10/2013</p> <p>Change Item 0003 to read as follows (amount shown is the obligated amount):</p> <p>Standard Base Year</p> <p>Total Line Item Value (b)(4)</p> <p>Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL; ENGINEERING/TECHNICAL</p> <p>Accounting Info: NSEP000000 L0 0403-02-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-02-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00</p> <p>Accounting Info: NSEP000000 L1 0403-03-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded (b)(4)</p> <p>Change Item 0011 to read as follows (amount shown is the obligated amount):</p> <p>Continued ...</p> | | | | (b)(4) |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00052/HSHQDC-11-J-00063/P00013

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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| 0011 | ODC - Base Year Total ODC Not To Exceed Cost for this line item is (b)(4) Total ODC Not To Exceed Value (b)(4) Accounting Info: NSEP000000 L0 0403-01-000 90-05-0003-00-00-00-00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000-000L0 04-03-02-00090 05 000300 00 00 00 GEOE 2576 RN0024 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-50-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0403-04-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: \$0.00 Accounting Info: NSEP000000 L1 0405-01-00090-05-0003-00-00-00-00 GEOE 2576 RN1013 Funded: (b)(4) Accounting Info: NSEP000-000L0 04-05-01-00090 05 000300 00 00 00 GEOE 2576 RN0125 Funded: \$0.00 | | | | 29,000.00 |

| | | | | | |
|--|--|--|--|--|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1 CONTRACT ID CODE | | PAGE OF PAGES | |
| 2 AMENDMENT/MODIFICATION NO. | | 3 EFFECTIVE DATE | | 4 REQUISITION/PURCHASE REQ NO | |
| P00014 | | 02/11/2013 | | RNCC-13-50021 | |
| 6 ISSUED BY | | CODE | | 5 PROJECT NO. (if applicable) | |
| DHS/OPO/NPPAD/CS& | | | | 7 ADMINISTERED BY (if other than Item 6) | |
| U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | DHS/OPO/NPPAD/CS& | | CODE | |
| 8 NAME AND ADDRESS OF CONTRACTOR (i.e., street, county, State and ZIP Code) | | (x) 9A AMENDMENT OF SOLICITATION NO. | | 9B DATED (SEE ITEM 11) | |
| SCIENCE APPLICATIONS INTERNATIONAL CORPORATION 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578 | | X 10A MODIFICATION OF CONTRACT/ORDER NO. HSHQDC-09-D-00062 HSHQDC-11-J-00063 | | 10B DATED (SEE ITEM 13) | |
| CODE 8782112830000 | | FACILITY CODE | | 02/10/2011 | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12 ACCOUNTING AND APPROPRIATION DATA (if required)

See Schedule

Not Increase:

(b)(4)

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

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |
| X | FAR 52.217-8 Option to Extend Services |

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return _____ 1 _____ copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 148095086+0000

The purpose of this modification is to add funding in the amount (b)(4) extend the period of performance (POP) for 6 months through August 10, 2013 and establish new Contract Line Item Numbers (CLINS) for this POP extension.

Funding is added to newly established CLINS in the amount (b)(4) the POP is extended as follows:

1. CLIN 2001 is hereby established and fully funded in the amount of (b)(4)

2. CLIN 2002 is hereby established and fully funded in the amount of (b)(4)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect.

| | |
|---|-----------------|
| 16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | |
| Patricia Oliver | |
| 16B DATE SIGNED | 16C DATE SIGNED |
| 2/21/13 | 2/21/13 |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00014

PAGE 2 OF 5

NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>3. CLIN 2003 is hereby established and fully funded in the amount of (b)(4)</p> <p>4. CLIN 2004 is hereby established and fully funded in the amount of (b)(4)</p> <p>5. CLIN 2005 is hereby established and fully funded in the amount of (b)(4)</p> <p>6. CLIN 2006 is hereby established and fully funded in the amount of (b)(4)</p> <p>7. CLIN 2007 is hereby established and fully funded in the amount of (b)(4)</p> <p>8. CLIN 2008 is hereby established and fully funded in the amount of (b)(4)</p> <p>9. CLIN 2009 is hereby established and will be funded via modification when the need arises.</p> <p>10. CLIN 2010 is hereby established and funded in an amount not-to-exceed (NT (b)(4)</p> <p>11. CLIN 2011 is hereby established and funded in an amount not-to-exceed (NTE (b)(4)</p> <p>12. The total obligation of this task order is increased from (b)(4) to a total of (b)(4)</p> <p>13. This task order is hereby extended for 6 months through August 10, 2013. AAP Number: 63422 DO/DPAS Rating: NONE Discount Terms: Net 30 Delivery Location Code: DHS Department of Homeland Security 245 Murray Lane Bldg. 419 Washington DC 20528</p> <p>FOB: Destination Period of Performance: 02/11/2012 to 09/10/2013</p> <p>Add Item 2001 as follows:</p> <p>2001 Program Management (CPFF) Product/Service Code: R425 Continued ...</p> | | | | (b)(4) |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
HSHQDC-09-D-C0062/HSHQDC-11-J-C0063/P00014PAGE OF
3 5

NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|----------------|--|-----------------|-------------|-------------------|---------------|
| | Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4) Add Item 2002 as follows: | | | | |
| 2002 | Technical Assessments (CPFF) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4) Add Item 2003 as follows: | | | | |
| 2003 | Standards (CPFF) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4) Add Item 2004 as follows: | | | | |
| 2004 | Modeling (CPFF) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4) Add Item 2005 as follows: | | | | |
| 2005 | Cable Infrastructure (CPFF) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Continued ... | | | | |

| | | | |
|--------------------|--|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00014 | 4 | 5 |

NAME OF OFFEROR OR CONTRACTOR
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|----------------|---|-----------------|-------------|-------------------|---------------|
| 2006 | <p>Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4)</p> <p>Add Item 2006 as follows:</p> <p>Security and Reliability (CPFF) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4)</p> <p>Accounting Info: CS00000-601-MA-53-03-02-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4)</p> <p>Add Item 2007 as follows:</p> | | | | (b)(4) |
| 2007 | <p>Demonstrations (CPFF) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: CS00000-601-MA-53-03-02-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4)</p> <p>Add Item 2008 as follows:</p> | | | | |
| 2008 | <p>Fixed Fee Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL</p> <p>Accounting Info: CS00000-601-MA-53-03-02-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4)</p> <p>Add Item 2009 as follows:</p> | | | | |
| 2009 | <p>Surge Studies (Ad-Hoc) (CPFF) Product/Service Code: R425 Continued ...</p> | | | | |
| | | | | | |

| | | | |
|--|--|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | HSHQDC-09-D-06062/HSHQDC-11-J-00063/PC0014 | 5 | 5 |
| NAME OF OFFEROR OR CONTRACTOR | | | |
| SCIENCE APPLICATIONS INTERNATIONAL CORPORATION | | | |

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: \$0.00 Add Item 2010 as follows: | | | | |
| 2010 | Travel (Reimbursible at Cost) NTE (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4) Add Item 2011 as follows: | | | | (b)(4) |
| 2011 | ODC (Reimbursible at Cost) NT (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: CS00000-601-MA-53-03-02-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4) | | | | |

| | | | | | |
|--|--|-----------------------------------|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| 2. AMENDMENT/ACCOMMODATION NO. | | 3. EFFECTIVE DATE | | 4. REQUISITION/PURCHASE REQ. NO. | |
| P00015 | | See Block 16C | | RNCC-14-50007 | |
| 5. ISSUED BY | | 6. PROJECT NO. (If applicable) | | 7. ADMINISTERED BY (If other than Item 6) | |
| CODE | | CODE | | CODE | |
| U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | 9A. AMENDMENT OF SOLICITATION NO. | | 9B. DATED (SEE ITEM 11) | |
| SCIENCE APPLICATIONS INTERNATIONAL CORPORATION 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211678 | | (X) | | | |
| CODE 0782112830000 | | FACILITY CODE | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | |
| | | | | HSBQDC-09-D-00062 | |
| | | | | HSBQDC-11-J-00063 | |
| | | | | 10B. DATED (SEE ITEM 13) | |
| | | | | 02/10/2011 | |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 9 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

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

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| | D. OTHER (Specify type of modification and authority) |
| X | Mutual Agreement of the Parties |

14. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UIC section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 148095086-0000

The purpose of this modification is to realign funding from Contract Line Item Numbers (CLINs) 2003 Standards and 2011 Other Direct Costs (ODCs) to 2010 Travel as follows:

- CLIN 2003 Standards - funding is reduced from (b)(4) to (b)(4)
- CLIN 2011 ODCs - funding is reduced from (b)(4) to (b)(4)
- CLIN 2010 Travel - funding is increased from (b)(4) to (b)(4)

Continued ...

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

| | |
|---|--|
| 15A. NAME AND TITLE OF SIGNER (Type or print) | 15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) |
| (b)(6) | Keturah Stroy |
| 15C. DATE SIGNED | 15D. DATE SIGNED |
| 013 | 11/14/2013 |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00015

PAGE OF
2 3

NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>4. The total ceiling and obligation of this task order remains unchanged at \$18,411,270.41.</p> <p>AAP Number: 63422 DO/DEAS Rating: NONE Discount Terms: Net 30 Delivery Location Code: DHS Department of Homeland Security 245 Murray Lane Mailstop 0305 Washington DC 20528</p> <p>Mark For: Department of Homeland Security Office of Procurement Operations 245 Murray Lane Mailstop 0305 Washington DC 20528</p> <p>FOB: Destination Period of Performance: 02/11/2012 to 08/10/2013</p> <p>Change Item 2003 to read as follows (amount shown is the obligated amount):</p> <p>2003 Standards (CPFF) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL; ENGINEERING/TECHNICAL</p> <p>Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4)</p> <p>Change Item 2010 to read as follows (amount shown is the obligated amount):</p> <p>2010 Travel (Reimbursable at Cost) NT (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL; ENGINEERING/TECHNICAL</p> <p>Accounting Info: CS00000-803-MA-53-02-01-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4)</p> <p>Change Item 2011 to read as follows (amount shown Continued</p> | | | | (b)(4) |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00013

PAGE

OF

3

3

NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | is the obligated amount): | | | | |
| 2011 | ODC (Reimbursable at Cost) NT (b)(4) Product/Service Code: R425 Product/Service Description: SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL Accounting Info: CS00000-601-MA-53-03-02-002-90-05-0003-00-00-00-00 -GE-OE-25-76-CC3021 Funded: (b)(4) | | | | (b)(4) |

| | | | | | |
|--|---|---|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 9 | |
| 2. AMENDMENT/MODIFICATION NO. P00016 | | 3. EFFECTIVE DATE See Block 16C | | 4. REQUISITION/PURCHASE REQ. NO. RNCC-14-50031 | |
| 6. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations NPPD Acquisition Division 245 Murray Lane, SW Building 410 Washington DC 20528 | | 7. ADMINISTERED BY (If other than Item 6) CODE | | 5. PROJECT NO. (If applicable) | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION 10280 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578 | | 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. HSHQDC-09-D-00062 HSHQDC-11-J-00063 10B. DATED (SEE ITEM 13) 02/10/2011 | | | |
| CODE 8782112830000 | | FACILITY CODE | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 6 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | |
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | |
| X | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | |
| | D. OTHER (Specify type of modification and authority) | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ 0 _____ copies to the issuing office. | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) DUNS Number: 148095086+0000 The purpose of this administrative modification is to transfer the Government Furnished Equipment (GFE) currently located at (b)(4) a subcontractor to Science Applications International Corporation (SAIC) located in (b)(4) under task order HSHQDC-11-J-00063 to the Office of the Institute for Telecommunications Sciences (ITS) of National Telecommunications and Information Administration (NTIA) of Department of Commerce, a Public Safety Communications Research (PSCR) laboratory in Boulder, CO under Interagency Agreement (IA) HSHQDC-12-X-00259. The GFE to be transferred is listed on Attachment 1 of this modification. (7 pages) Continued ... Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | |
| | | | Patricia Oliver | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16C. DATE SIGNED | |
| (Signature of person authorized to sign) | | (b)(6) | | 12/19/13 | |
| NSN 7540-01-162-8070 Previous edition unusable | | | | | |
| D FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 | | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
HSHQDC-09-D-00062/HSHQDC-11-J-00063/P00016PAGE OF
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NAME OF OFFEROR OR CONTRACTOR

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>The shipping and receiving information is as follows:</p> <p>Shipping from:</p> <p>(b)(6)</p> <p>The GFE is transferring from Task Order (TO) HSHQDC-11-J-00063, which ended August 10, 2013.</p> <p>Receiving Agency: PSCR NTIA/ITS.P 325 Broadway Boulder, CO 80305 POC: Todd Bohling; (b)(6) (b)(6)</p> <p>The GFE is transferring to IA #HSHQDC-12-X-00258.</p> <p>The packing, shipping preparation, and transportation is to be provided by Central Moving Systems as outlined in Bid/Quote 1086 at a cost not to exceed (b)(4)</p> <p>Invoicing for this GFE transfer is to be under TO HSHQDC-11-J-00063 Contract Line Item (CLIN) 2011 - Other Direct Costs (ODCs).</p> <p>The total Ceiling and Obligation of this TO remains unchanged at (b)(4) DO/DPAS Rating: NONE Period of Performance: 02/11/2012 to 08/10/2013</p> | | | | |

Type of Account:

GFE from HSHQDC-12-J-00063

| Serial Number | ASAC | ASAC | ASAC | Equipment | DAE Received | Quantity | Unit Cost | Total Cost | Useful Life |
|--------------------------|------------------|-----------------|---|-----------|--------------|----------|-----------|--------------|-------------|
| 5L64BD1 | 1GPS09-01-089-11 | PowerEdge 860 | Rackmount Server Dell PowerEdge 860 | 7/1/2011 | 1 | 2,356.13 | 2,356.13 | Depreciation | |
| 1R64SD1 | 1GPS09-01-090-11 | PowerEdge 860 | Rackmount Server PowerEdge 860 | 7/1/2011 | 1 | 2,356.13 | 2,356.13 | Depreciation | |
| 7R64BD1 | 1GPS09-01-091-11 | PowerEdge 860 | Rackmount Server PowerEdge 860 | 7/1/2011 | 1 | 2,356.13 | 2,356.13 | Depreciation | |
| 6R64BD1 | 1GPS09-01-092-11 | PowerEdge 860 | Rackmount Server PowerEdge 860 | 7/1/2011 | 1 | 2,356.13 | 2,356.13 | Depreciation | |
| 4R64BD1 | 1GPS09-01-093-11 | PowerEdge 860 | Rackmount Server PowerEdge 860 | 7/1/2011 | 1 | 2,356.13 | 2,356.13 | Depreciation | |
| 82H1RG1 | 1GPS09-01-094-11 | Power Edge R200 | Dell Quad Core Xeon X3320 Server PowerEdge R200 | 7/1/2011 | 1 | 2,554.64 | 2,554.64 | Depreciation | |
| B2H1RG1 | 1GPS09-01-095-11 | Power Edge R200 | Dell Quad Core Xeon X3320 Server PowerEdge R200 | 7/1/2011 | 1 | 2,554.64 | 2,554.64 | Depreciation | |
| MX-OCC302-46334-76Q-1L8U | 1GPS09-01-096-11 | 2407WFPb | Wide Flat Panel Monitor 24" | 7/1/2011 | 1 | 669.00 | 669.00 | Depreciation | |
| MX-OCC302-46334-76Q-1L2U | 1GPS09-01-097-11 | 2407WFPb | Wide Flat Panel Monitor 24" | 7/1/2011 | 1 | 669.00 | 669.00 | Depreciation | |
| MX-OCC302-46334-76Q-1L3U | 1GPS09-01-098-11 | 2407WFPb | Wide Flat Panel Monitor 24" | 7/1/2011 | 1 | 669.00 | 669.00 | Depreciation | |
| MX-OCC302-46334-76Q-1L4U | 1GPS09-01-099-11 | 2407WFPb | Wide Flat Panel Monitor 24" | 7/1/2011 | 1 | 669.00 | 669.00 | Depreciation | |
| 3B062X40639 | 1GPS09-01-005-11 | DL725VT | APC Back-UPS ES, 450 Watts / 725 VA, Input 120V / Output 120V, Interface Port USB | 7/1/2011 | 1 | 37.83 | 37.83 | Depreciation | |
| 3B062X40515 | 1GPS09-01-006-11 | DL725VT | APC Back-UPS ES, 450 Watts / 725 VA, Input 120V / Output 120V, Interface Port USB | 7/1/2011 | 1 | 37.83 | 37.83 | Depreciation | |
| 3B062X40518 | 1GPS09-01-007-11 | DL725VT | APC Back-UPS ES, 450 Watts / 725 VA, Input 120V / Output 120V, Interface Port USB | 7/1/2011 | 1 | 37.83 | 37.83 | Depreciation | |
| 3B062X47405 | 1GPS09-01-008-11 | DL725VT | APC Back-UPS ES, 450 Watts / 725 VA, Input 120V / Output 120V, Interface Port USB | 7/1/2011 | 1 | 37.83 | 37.83 | Depreciation | |
| 3B062X40585 | 1GPS09-01-009-11 | DL725VT | APC Back-UPS ES, 450 Watts / 725 VA, Input 120V / Output 120V, Interface Port USB | 7/1/2011 | 1 | 37.83 | 37.83 | Depreciation | |
| DN08191B0309 | 1GPS09-01-010-11 | AR3107 | APC Networker SX 48U 800mm Wide x 1070mm Deep Enclosure (Rack 4) | 7/1/2011 | 1 | 1,520.00 | 1,520.00 | Depreciation | |
| 5A0808E0336 | 1GPS09-01-011-11 | AP7832 | APC Rack PDU, Switched, Zero U, 30A, 120V, (24) 5-20 | 7/1/2011 | 1 | 692.60 | 692.60 | Depreciation | |
| ZA0809011983 | 1GPS09-01-012-11 | AP7832 | APC Rack PDU, Switched, Zero U, 30A, 120V, (24) 5-20 | 7/1/2011 | 1 | 692.60 | 692.60 | Depreciation | |
| JS0615028635 | 1GPS09-01-013-11 | SURTA3000XL | SMART UPS 3000VA (network power protection) | 7/1/2011 | 1 | 1,200.00 | 1,200.00 | Depreciation | |
| JS0662028988 | 1GPS09-01-014-11 | DLA300URMT2U | SMART UPS 3000VA (network power protection) | 7/1/2011 | 1 | 1,200.00 | 1,200.00 | Depreciation | |
| JS0552028987 | 1GPS09-01-015-11 | DLA300URMT2U | SMART UPS 3000VA (network power protection) | 7/1/2011 | 1 | 1,200.00 | 1,200.00 | Depreciation | |
| JS0725019191 | 1GPS09-01-016-11 | SURTA3000XL | APC Smart-UPS XL 3000VA UPS | 7/1/2011 | 1 | 1,303.93 | 1,303.93 | Depreciation | |
| JS0725019195 | 1GPS09-01-017-11 | SURTA3000XL | APC Smart-UPS XL 3000VA UPS | 7/1/2011 | 1 | 1,303.93 | 1,303.93 | Depreciation | |

(b)(4)

| Serial Number | Asset Tag | Asset Type | Equipment Type | Date Received | Quantity | Unit Cost | Total Price | Depreciation |
|-----------------|------------------|----------------|---|---------------|----------|-----------|-------------|--------------|
| JSD735001196 | 1GPS09-01-018-11 | SURTA3000XL | APC Smart-UPS XL 3000VA UPS | 7/1/2011 | 1 | 1,259.00 | 1,259.00 | Depreciation |
| JSD735001199 | 1GPS09-01-019-11 | SURTA3000XL | APC Smart-UPS XL 3000VA UPS | 7/1/2011 | 1 | 1,259.00 | 1,259.00 | Depreciation |
| NS0609008409 | 1GPS09-01-020-11 | SURT1005 | 2U step down transformer | 7/1/2011 | 1 | 601.00 | 601.00 | Depreciation |
| NS0614000986 | 1GPS09-01-021-11 | SURT1005 | 2U step down transformer | 7/1/2011 | 1 | 601.00 | 601.00 | Depreciation |
| ZA0803012906 | 1GPS09-01-022-11 | AP7932 | Switched PDU | 7/1/2011 | 1 | 692.60 | 692.60 | Depreciation |
| ZA0809012104 | 1GPS09-01-023-11 | AP7932 | Switched PDU | 7/1/2011 | 1 | 692.60 | 692.60 | Depreciation |
| JS0693001921 | 1GPS09-01-024-11 | SURTA3000XL | SMART UPS 3000VA (network power protection) | 7/1/2011 | 1 | 1,500.00 | 1,500.00 | Depreciation |
| JS0693001922 | 1GPS09-01-025-11 | SURTA3000XL | SMART UPS 3000VA (network power protection) | 7/1/2011 | 1 | 1,500.00 | 1,500.00 | Depreciation |
| ON07091B0418 | 1GPS09-01-026-11 | AR3107 | APC NetShelter SX 48U 800mm Wide x 1070mm Deep Enclosure (Rack 3) | 7/1/2011 | 1 | 1,200.00 | 1,200.00 | Depreciation |
| N/A | 1GPS09-01-001-11 | 3SK9-R308L90 | SK9 Cases Roto Shock-Absorb BU 30" depth | 7/1/2011 | 1 | 1,290.00 | 1,290.00 | Depreciation |
| DNH426A08S | 1GPS09-01-002-11 | AP541N-A-K9 | Cisco Wireless Access Point | 7/1/2011 | 1 | 338.00 | 338.00 | Depreciation |
| DNH426A08W | 1GPS09-01-003-11 | AP541N-A-K9 | Cisco Wireless Access Point | 7/1/2011 | 1 | 338.00 | 338.00 | Depreciation |
| ZA0801000746 | 1GPS09-01-004-11 | AP9320 | APC Environmental Management System | 7/1/2011 | 1 | 922.00 | 922.00 | Depreciation |
| ON07091B0367 | 1GPS09-01-027-11 | AR3107 | APC NetShelter SX 48U 800mm Wide x 1070mm Deep Enclosure (Rack 2) | 7/1/2011 | 1 | 1,200.00 | 1,200.00 | Depreciation |
| ON07091B0112 | 1GPS09-01-028-11 | AR3107 | APC NetShelter SX 48U 800mm Wide x 1070mm Deep Enclosure (Rack 1) | 7/1/2011 | 1 | 1,200.00 | 1,200.00 | Depreciation |
| JMX122920MXX | 1GPS09-01-029-11 | ASA5505-BUN-K9 | Cisco Adaptive Security Appliance | 7/1/2011 | 1 | 333.00 | 333.00 | Depreciation |
| JMX122920N3 | 1GPS09-01-030-11 | ASA5505-BUN-K9 | Cisco Adaptive Security Appliance | 7/1/2011 | 1 | 333.00 | 333.00 | Depreciation |
| JMX122920N1 | 1GPS09-01-031-11 | ASA5505-BUN-K9 | Cisco Adaptive Security Appliance | 7/1/2011 | 1 | 333.00 | 333.00 | Depreciation |
| JMX122920MY | 1GPS09-01-032-11 | ASA5505-BUN-K9 | Cisco Adaptive Security Appliance | 7/1/2011 | 1 | 333.00 | 333.00 | Depreciation |
| JMX122920MW | 1GPS09-01-033-11 | ASA5505-BUN-K9 | Cisco Adaptive Security Appliance | 7/1/2011 | 1 | 333.00 | 333.00 | Depreciation |
| JMX122920MZ | 1GPS09-01-034-11 | ASA5505-BUN-K9 | Cisco Adaptive Security Appliance | 7/1/2011 | 1 | 333.00 | 333.00 | Depreciation |
| JMX122920N2 | 1GPS09-01-035-11 | ASA5505-BUN-K9 | Cisco Adaptive Security Appliance | 7/1/2011 | 1 | 333.00 | 333.00 | Depreciation |
| FOX1290HEAR | 1GPS09-01-036-11 | ASR1002 | Aggregation Services Router | 7/1/2011 | 1 | 10,080.00 | 10,080.00 | Depreciation |
| FOX1297AHM | 1GPS09-01-037-11 | ASR1002 | Aggregation Services Router | 7/1/2011 | 1 | 10,080.00 | 10,080.00 | Depreciation |
| FOX1290H696 | 1GPS09-01-038-11 | ASR1002 | Aggregation Services Router | 7/1/2011 | 1 | 10,080.00 | 10,080.00 | Depreciation |
| A17BH066AC50092 | 1GPS09-01-039-11 | CL100DM | Axon CL100DM LCD DVM Integrated Console | 7/1/2011 | 1 | 560.00 | 560.00 | Depreciation |
| 0210260470 | 1GPS09-01-040-11 | DSR2035-001 | Avocent KVM Switch | 7/1/2011 | 1 | 8,594.00 | 8,594.00 | Depreciation |
| U61875LJ191667 | 1GPS09-01-041-11 | DCP-9045CDN | Brother DCP 9045CDN Color Laser-Printer / copier / scanner | 7/1/2011 | 1 | 600.00 | 600.00 | Depreciation |

(b)(4)

| Serial Number | Asset ID | Asset Name | Location | Date Received | Quantity | Unit Cost | Total Cost | Useful Life |
|------------------------------|------------------|-------------------|--|---------------|----------|------------|------------|--------------|
| FOC0652DYK (processor board) | | | | | | | | |
| srFHk07011CC | 1GPS09-01-042-11 | CISCO1760-V | Cisco Modular Access Router | 7/1/2011 | 1 | 600.00 | 600.00 | Depreciation |
| INM1027194V | 1GPS09-01-043-11 | CP-7971-G-GE | Cisco Unified IP Phone 7971-G-GE | 7/1/2011 | 1 | 703.00 | 703.00 | Depreciation |
| INM1027193B | 1GPS09-01-044-11 | CP-7971-G-GE | Cisco Unified IP Phone 7971-G-GE | 7/1/2011 | 1 | 703.00 | 703.00 | Depreciation |
| INM1027194A | 1GPS09-01-045-11 | CP-7971-G-GE | Cisco Unified IP Phone 7971-G-GE | 7/1/2011 | 1 | 703.00 | 703.00 | Depreciation |
| INM1027193J | 1GPS09-01-046-11 | CP-7971-G-GE | Cisco Unified IP Phone 7971-G-GE | 7/1/2011 | 1 | 703.00 | 703.00 | Depreciation |
| JMK123210WG | 1GPS09-01-047-11 | ASA5540-ALP40-K9 | Cisco SA 540 Security Appliance | 7/1/2011 | 1 | 19,097.00 | 19,097.00 | Depreciation |
| ECZ0629W0AH | 1GPS09-01-048-11 | WS-C2950-12 | Cisco Catalyst 2950-12 Switch | 7/1/2011 | 1 | 250.00 | 250.00 | Depreciation |
| FOC1227120C | 1GPS09-01-049-11 | WS-C2960G-24TC-L | Cisco Catalyst 2960 Switch | 7/1/2011 | 1 | 1,845.20 | 1,845.20 | Depreciation |
| FOC1436Y56M | 1GPS09-01-050-11 | WS-C2960G-24TC-L | Cisco Catalyst 2960 Switch | 7/1/2011 | 1 | 1,845.20 | 1,845.20 | Depreciation |
| KOBW248 | 1GPS09-01-051-11 | MCS784314-K9-CM50 | Cisco MCS-784314 MCS Server | 7/1/2011 | 1 | 21,000.00 | 21,000.00 | Depreciation |
| FTX0933A49L | 1GPS09-01-052-11 | CISCO2811-32-TS | Cisco 2811 Integrated Services Router with 32 port Console Terminal Server | 7/1/2011 | 1 | 3,500.00 | 3,500.00 | Depreciation |
| FTX0935A12B | 1GPS09-01-053-11 | CISCO2821 | Integrated Services Router - T1/E1 WAN, 4 FXSIO | 7/1/2011 | 1 | 5,000.00 | 5,000.00 | Depreciation |
| FTX0935A12A | 1GPS09-01-054-11 | CISCO2821 | Integrated Services Router - T1/E1 WAN, 4 FXSIO | 7/1/2011 | 1 | 5,000.00 | 5,000.00 | Depreciation |
| FOX0739031J | 1GPS09-01-055-11 | CISCO7803 | Cisco 7803 Router with 48 port GE | 7/1/2011 | 1 | 45,000.00 | 45,000.00 | Depreciation |
| FOX0739031H | 1GPS09-01-056-11 | CISCO7803 | Cisco 7803 Router with 48 port GE | 7/1/2011 | 1 | 45,000.00 | 45,000.00 | Depreciation |
| INM09322NJA | 1GPS09-01-057-11 | CP-7960G | IP Phone | 7/1/2011 | 1 | 400.00 | 400.00 | Depreciation |
| INM09322NE2 | 1GPS09-01-058-11 | CP-7960G | IP Phone | 7/1/2011 | 1 | 400.00 | 400.00 | Depreciation |
| CAT1036ZMMC | 1GPS09-01-059-11 | WS-C3750G-12S-E | Cisco/Catalyst 3750G-12S Switch | 7/1/2011 | 1 | 10,000.00 | 10,000.00 | Depreciation |
| FOC1042Y34H | 1GPS09-01-060-11 | WS-C3750-24TS-EIU | Cisco/Catalyst 3750G-24TS Switch | 7/1/2011 | 1 | 5,000.00 | 5,000.00 | Depreciation |
| FOX090300YN | 1GPS09-01-061-11 | WS-C4948-S | 48 port Gigabit Ethernet switch | 7/1/2011 | 1 | 12,000.00 | 12,000.00 | Depreciation |
| FOX0904901Y1 | 1GPS09-01-062-11 | WS-C4948-S | 48 port Gigabit Ethernet switch | 7/1/2011 | 1 | 12,000.00 | 12,000.00 | Depreciation |
| FOX1043017M | 1GPS09-01-063-11 | ESR10009 | Edge Router for Service Providers | 7/1/2011 | 1 | 110,000.00 | 110,000.00 | Depreciation |
| FCZ101070UT | 1GPS09-01-064-11 | CISCO2651XM | Cisco 2651XM router, Dual 10/100 (C) | 7/1/2011 | 1 | 495.00 | 495.00 | Depreciation |
| JHY0736K1QZ | 1GPS09-01-065-11 | CISCO2651XM | Cisco 2651XM router, dual 10/100 (E1) | 7/1/2011 | 1 | 495.00 | 495.00 | Depreciation |
| JHY0808K0TH | 1GPS09-01-066-11 | CISCO2651XM | Cisco 2651XM router, dual 10/100 (E2) | 7/1/2011 | 1 | 495.00 | 495.00 | Depreciation |
| FTX1230A2PS | 1GPS09-01-067-11 | CISCO2811-16-TS | Cisco Integrated Services Router with 16 port Console Terminal Server | 7/1/2011 | 1 | 2,899.00 | 2,899.00 | Depreciation |
| FTX1230A2SD | 1GPS09-01-068-11 | CISCO2821-V/K9 | Cisco Integrated Services Router with 802.11 AP interface module | 7/1/2011 | 1 | 3,900.00 | 3,900.00 | Depreciation |
| FTX1230A2SE | 1GPS09-01-069-11 | CISCO2821-V/K9 | Cisco Integrated Services Router with 802.11 AP interface module | 7/1/2011 | 1 | 3,900.00 | 3,900.00 | Depreciation |

(b)(4)

| Serial Number | Asset ID | Asset Type | Equipment Type | Date Received | Quantity | Unit Cost | Model Value | Depreciation |
|--------------------------|------------------|---------------------|--|---------------|----------|-----------|-------------|--------------|
| FTX10404464 | 1GFS08-01-070-11 | CISCO3725 | Cisco Multiservice Access Router | 7/1/2011 | 1 | 872.04 | 872.04 | Depreciation |
| ATP108616 | 1GFS08-01-071-11 | AltePath KV/Mntr-32 | Cyclades KV/M Switch | 7/1/2011 | 1 | 4,000.00 | 4,000.00 | Depreciation |
| A516 | 1GFS08-01-072-11 | FY452 | Dell Keyboard, monitor, mouse console | 7/1/2011 | 1 | 850.00 | 850.00 | Depreciation |
| 21NQSD1 | 1GFS08-01-073-11 | DCCY | Dell Optiplex 745 PC | 7/1/2011 | 1 | 817.00 | 817.00 | Depreciation |
| 81NQSD1 | 1GFS08-01-074-11 | DCCY | Dell Optiplex 745 PC | 7/1/2011 | 1 | 817.00 | 817.00 | Depreciation |
| 91NQSD1 | 1GFS08-01-075-11 | DCCY | Dell Optiplex 745 PC | 7/1/2011 | 1 | 817.00 | 817.00 | Depreciation |
| 91NQSD1 | 1GFS08-01-076-11 | DCCY | Dell Optiplex 745 PC | 7/1/2011 | 1 | 817.00 | 817.00 | Depreciation |
| DLNQSD1 | 1GFS08-01-077-11 | DCCY | Dell Optiplex 745 PC | 7/1/2011 | 1 | 817.00 | 817.00 | Depreciation |
| GSEW571 | 1GFS08-01-078-11 | PowerVault 124T | Dell Power Vault 124T Tape Backup | 7/1/2011 | 1 | 2,000.00 | 2,000.00 | Depreciation |
| 2V9NBD1 | 1GFS08-01-079-11 | PowerEdge 2850 | Dell PowerEdge 2850 - ESX2850-01 2.56 GHz 2xQuad Core 16GB Server | 7/1/2011 | 1 | 8,272.79 | 8,272.79 | Depreciation |
| JT9NBD1 | 1GFS08-01-080-11 | PowerEdge 2850 | Dell PowerEdge 2850 - ESX2850-03 2.66 GHz 2xQuad Core 16GB Server | 7/1/2011 | 1 | 8,272.79 | 8,272.79 | Depreciation |
| SV9NBD1 | 1GFS08-01-081-11 | PowerEdge 2850 | Dell PowerEdge 2850 - ESX2850-02 2.66 GHz 2xQuad Core 16GB Server | 7/1/2011 | 1 | 8,272.79 | 8,272.79 | Depreciation |
| 4JTLRG1 | 1GFS08-01-083-11 | PowerEdge 2850 | Dell Quad Core Xeon X5460 Server | 7/1/2011 | 1 | 8,296.34 | 8,296.34 | Depreciation |
| 7JTLRG1 | 1GFS08-01-085-11 | PowerEdge 2850 | Dell Quad Core Xeon X5460 Server | 7/1/2011 | 1 | 8,296.34 | 8,296.34 | Depreciation |
| 6363B91 | 1GFS08-01-086-11 | PowerEdge 750 | Rackmount Server Dell PowerEdge 750 | 7/1/2011 | 1 | 700.00 | 700.00 | Depreciation |
| 71S4BD1 | 1GFS08-01-087-11 | PowerEdge 860 | Rackmount Server Dell PowerEdge 860 | 7/1/2011 | 1 | 2,356.13 | 2,356.13 | Depreciation |
| 31G4BD1 | 1GFS08-01-088-11 | PowerEdge 860 | Rackmount Server Dell PowerEdge 860 | 7/1/2011 | 1 | 2,356.13 | 2,356.13 | Depreciation |
| CN-0D5428-72872-56Q-7YNL | 1GFS08-01-101-11 | E173FF | 17" Monitor | 7/1/2011 | 1 | 200.00 | 200.00 | Depreciation |
| 36ZC891 | 1GFS08-01-102-11 | PowerEdge 2850 | Rackmount Server Dell PowerEdge 2850 | 7/1/2011 | 1 | 12,000.00 | 12,000.00 | Depreciation |
| 8383B91 | 1GFS08-01-103-11 | PowerEdge 730 | Rackmount Server | 7/1/2011 | 1 | 3,000.00 | 3,000.00 | Depreciation |
| 072D05 | 1GFS08-01-128-11 | 2201-23783-001 | Polycom Telepresence System | 7/1/2011 | 1 | 13,449.00 | 13,449.00 | Depreciation |
| 82070800105AC9 | 1GFS08-01-129-11 | 2215-23827-001 | Polycom HDX Microphone Kit | 7/1/2011 | 1 | 350.00 | 350.00 | Depreciation |
| 8207080011A0C5 | 1GFS08-01-130-11 | 2215-23827-001 | Polycom HDX Microphone Kit | 7/1/2011 | 1 | 350.00 | 350.00 | Depreciation |
| 0835CA | 1GFS08-01-131-11 | 2201-22041-203 | Polycom Compact Video Conferencing System | 7/1/2011 | 1 | 3,449.00 | 3,449.00 | Depreciation |
| VR20706Z007 | 1GFS08-01-132-11 | 2201-22616-001 | Polycom RMX 2000Video Conference Bridge | 7/1/2011 | 1 | 33,520.00 | 33,520.00 | Depreciation |
| 0090FB125068 | 1GFS08-01-133-11 | SYS2043C-L0 | Polycom Management Appliances | 7/1/2011 | 1 | 21,115.00 | 21,115.00 | Depreciation |
| 084BEG | 1GFS08-01-134-11 | 2201-21400-201 | Polycom VSX3000 Video Conference Bridge | 7/1/2011 | 1 | 7,399.00 | 7,399.00 | Depreciation |
| 000EF2 | 1GFS08-01-135-11 | 2201-50870-200RA | Video Camera Powercam Main Camera VSX 3000 for video conferencing. | 7/1/2011 | 1 | 932.94 | 932.94 | Depreciation |

| Site | Serial Number | Asset ID | Asset Name | Equipment | Date Received | Quantity | Unit Cost | Total Cost | Depreciation |
|--------|--------------------|------------------|---------------------------------|---|---------------|----------|------------|------------|--------------|
| (b)(4) | 105376671000077004 | 1GPS09-01-136-11 | PD-6012G/ACIM | Power over Ethernet 6000 Midspan | 7/1/2011 | 1 | 1,900.00 | 1,900.00 | Depreciation |
| | 0826070046 | 1GPS09-01-137-11 | Scopia-100 MCU24 | Radvision Scopia Videoconferencing Multipoint Control Unit | 7/1/2011 | 1 | 37,781.00 | 37,781.00 | Depreciation |
| | 0001E3225680 | 1GPS09-01-138-11 | L28155 H4200-A100 | Siemens IP Phone | 7/1/2011 | 1 | 400.00 | 400.00 | Depreciation |
| | 0001E32256A0 | 1GPS09-01-139-11 | L28155-H4200-A100 | Siemens IP Phone | 7/1/2011 | 1 | 400.00 | 400.00 | Depreciation |
| | 0833081351 | 1GPS09-01-140-11 | GN515-3 | GN515-3 Assy. | 7/1/2011 | 1 | 0.00 | 0.00 | Depreciation |
| | 811083019 | 1GPS09-01-141-11 | GSXA010-AC-1512ANR | GSXA000 Series Non-Redundant Span Gateway | 7/1/2011 | 1 | 28,000.00 | 28,000.00 | Depreciation |
| | 32360 | 1GPS09-01-142-11 | SPT-3040 | Spirent ABAQUS 5000 - IP TELEPHONY MIGRATION TEST SYSTEM | 7/1/2011 | 1 | 119,000.00 | 119,000.00 | Depreciation |
| | M06075013 | 1GPS09-01-143-11 | SPT-2000A | Spirent Modular Test Platform | 7/1/2011 | 1 | 42,000.00 | 42,000.00 | Depreciation |
| | BAR-VS-155570 | 1GPS09-01-144-11 | SSL-VPN-480 | Barracuda SSL VPN 480 appliance | 7/1/2011 | 1 | 10,083.00 | 10,083.00 | Depreciation |
| | AS0751292881 | 1GPS09-01-145-11 | SUA1000RM1U | APC 1000VS 1U rack-mount UPS | 7/1/2011 | 1 | 810.00 | 810.00 | Depreciation |
| | 38P8010020 | 1GPS09-01-146-11 | TPCMR1U3 | Unipower Telecom DC Rectifier | 7/1/2011 | 1 | 2,900.00 | 2,900.00 | Depreciation |
| | 0849CC | 1GPS09-01-147-11 | 2201-21400-201 | Polycom VSX 8000 Video Conference Bridge | 7/1/2011 | 1 | 7,053.00 | 7,053.00 | Depreciation |
| | 820722020187AM | 1GPS09-01-148-11 | 2215-20260-200 | Polycom VSX Microphone Kit | 7/1/2011 | 1 | 350.00 | 350.00 | Depreciation |
| | 02AAAT | 1GPS09-01-149-11 | 2215-20260-200 | Polycom VSX Microphone Kit | 7/1/2011 | 1 | 350.00 | 350.00 | Depreciation |
| | 02CEC9 | 1GPS09-01-150-11 | 2215-20260-200 | Polycom VSX Microphone Kit | 7/1/2011 | 1 | 350.00 | 350.00 | Depreciation |
| | 000FAE | 1GPS09-01-151-11 | 2201-50870-200SA | Polycom VSX Microphone Kit | 7/1/2011 | 1 | 500.00 | 500.00 | Depreciation |
| | MPV00G900855 | 1GPS09-01-152-11 | WIE1200 | Video Camera, Powercam Main Camera VSX 8000 for video conferencing. | 7/1/2011 | 1 | 110.00 | 110.00 | Depreciation |
| | CAT0749Y145 | 1GPS09-01-153-11 | WS-C3550-24-EMI | Linksys WIE1200 Wireless access point | 7/1/2011 | 1 | 550.00 | 550.00 | Depreciation |
| | CAT0749Y13P | 1GPS09-01-154-11 | WS-C3550-24-EMI | Cisco Catalyst 3550 24 Port Switch | 7/1/2011 | 1 | 550.00 | 550.00 | Depreciation |
| | CAT0808R21C | 1GPS09-01-155-11 | WS-C3550-24PWR-SM | Cisco Catalyst 3550-24T inline power | 7/1/2011 | 1 | 595.00 | 595.00 | Depreciation |
| | FDO1232Y1TF | 1GPS09-01-156-11 | WS-C3750G-12S-S | Cisco Catalyst 3750 12 Port GE Switch | 7/1/2011 | 1 | 11,000.00 | 11,000.00 | Depreciation |
| | 5A1028E05786 | 1GPS09-01-157-11 | APT832 | APC Switched PDU | 7/1/2011 | 1 | 692.50 | 692.50 | Depreciation |
| | ZA0620015244 | 1GPS09-01-158-11 | APT832 | APC Switched PDU | 7/1/2011 | 1 | 692.50 | 692.50 | Depreciation |
| | ZA0620015277 | 1GPS09-01-159-11 | APT832 | APC Switched PDU | 7/1/2011 | 1 | 692.50 | 692.50 | Depreciation |
| | NA | 1GPS09-01-160-11 | PS2 KVM Switch (MiniView Ultra) | PS2 KVM Switch (MiniView Ultra) | 7/1/2011 | 1 | 359.95 | 359.95 | Depreciation |
| | JS0815080798 | 1GPS09-01-161-11 | SURTA3000XL | 3000 VA UPS | 7/1/2011 | 1 | 1,200.00 | 1,200.00 | Depreciation |
| | FOC1227Y20X | 1GPS09-01-162-11 | WS-C2960G-24TC-L | Switch: Cisco Catalyst 2960 Switch | 7/1/2011 | 1 | 1,945.20 | 1,945.20 | Depreciation |
| | FCZ0268W0XB | 1GPS09-01-163-11 | WS-C2960-12 | Switch: Cisco Catalyst 2960-12T Switch | 7/1/2011 | 1 | 250.00 | 250.00 | Depreciation |

| Serial Number | Asset Name | Equipment Type | Date Received | Quantity | Unit Cost | Total Value | Useful Life | |
|--|------------------|-------------------|--|----------|-----------|-------------|-------------|--------------|
| NA | 1GPS09-01-164-11 | WS-C2960G-24TCL | Switch: Cisco Catalyst 2960G Switch | 7/1/2011 | 1 | 1,845.20 | 1,845.20 | Depreciation |
| D0MGXS1 | 1GPS09-01-104-11 | PowerEdge 1750 | Dell PowerEdge 1750 1U Server | 7/1/2011 | 1 | 765.00 | 765.00 | Depreciation |
| 82070B00FFEO5 | 1GPS09-01-106-11 | 2215-2323ZT-001 | Microphone Kit | 7/1/2011 | 1 | 350.00 | 350.00 | Depreciation |
| 088014 | 1GPS09-01-108-11 | 2215-21211-200 | ImageShare II Scan Converter | 7/1/2011 | 1 | 800.00 | 800.00 | Depreciation |
| CFTM8160127 | 1GPS09-01-107-11 | IMX-TIGW-2-AC | Sonus IMX Server based on Intel TIGW1U Server | 7/1/2011 | 1 | 13,500.00 | 13,500.00 | Depreciation |
| JN10904C0ADA | 1GPS09-01-108-11 | J-4350-J8 | Integrated Router and Firewall - 2 T1 Interfaces Juniper J4350 | 7/1/2011 | 1 | 5,500.00 | 5,500.00 | Depreciation |
| 008602205000463 | 1GPS09-01-109-11 | NS-204-001 | Firewall Juniper Netscreen 20X | 7/1/2011 | 1 | 450.00 | 450.00 | Depreciation |
| A5809 | 1GPS09-01-110-11 | CHAS-MIP-M10-S | Internet Router Juniper M10 | 7/1/2011 | 1 | 55,000.00 | 55,000.00 | Depreciation |
| 33683 | 1GPS09-01-111-11 | CHAS-MIP-M20-S | Internet Router Juniper M20 | 7/1/2011 | 1 | 106,000.00 | 106,000.00 | Depreciation |
| 0515B00079 | 1GPS09-01-112-11 | VF1000E | Session Border Controller | 7/1/2011 | 1 | 12,000.00 | 12,000.00 | Depreciation |
| 70SRMLU091686 | 1GPS09-01-113-11 | SOPMTM-LJA | 50" Plasma TV | 7/1/2011 | 1 | 1,718.03 | 1,718.03 | Depreciation |
| 70SRMZ1061773 | 1GPS09-01-114-11 | SOPMTM-LJA | 50" Plasma TV | 7/1/2011 | 1 | 1,718.03 | 1,718.03 | Depreciation |
| 84N0AS077264159 | 1GPS09-01-115-11 | M51-Sh-B1 | Asus M51S Laptop Computer | 7/1/2011 | 1 | 999.00 | 999.00 | Depreciation |
| 84N0AS07728615B | 1GPS09-01-116-11 | M51-Sh-B1 | Asus M51S Laptop Computer | 7/1/2011 | 1 | 999.00 | 999.00 | Depreciation |
| DH1JWG1 | 1GPS09-01-117-11 | M51-Sh-B1 | Sonus Media Server on Dell 1950 Server | 7/1/2011 | 1 | 7,400.00 | 7,400.00 | Depreciation |
| TSM08955 (Should be NTAP DNH0844 NV38LC) | 1GPS09-01-118-11 | NetApp FAS2050 | ISCSI Storage Array Netapp FAS2050 | 7/1/2011 | 1 | 49,548.00 | 49,548.00 | Depreciation |
| 0896FMA01HG | 1GPS09-01-119-11 | NETRA EMS N240-ac | Sonus EMS on Sun NETRA 240 Server | 7/1/2011 | 1 | 17,500.00 | 17,500.00 | Depreciation |
| 50746FMA0AE | 1GPS09-01-120-11 | NETRA NFS N240-ac | Sonus DS/NFS on Sun NETRA 240 Server | 7/1/2011 | 1 | 12,500.00 | 12,500.00 | Depreciation |
| actually (0746FMA0AE) | 1GPS09-01-121-11 | NETRA POL N240-ac | Sonus Policy Server on Sun NETRA 240 Server | 7/1/2011 | 1 | 17,500.00 | 17,500.00 | Depreciation |
| 0896FMA023 | 1GPS09-01-122-11 | NETRA POL N240-ac | Session Policy Controller AcmeNet Net Server | 7/1/2011 | 1 | 29,295.00 | 29,295.00 | Depreciation |
| 0964000412 | 1GPS09-01-123-11 | SR560M | Peerless SR560M Plasma Cart with video conference shelf | 7/1/2011 | 1 | 371.00 | 371.00 | Depreciation |
| 07243165 | 1GPS09-01-124-11 | SR560M | Peerless SR560M Plasma Cart with video conference shelf | 7/1/2011 | 1 | 371.00 | 371.00 | Depreciation |
| 17141797 | 1GPS09-01-126-11 | 1624-23412-001 | Polycom Video Camera | 7/1/2011 | 1 | 3,400.00 | 3,400.00 | Depreciation |
| 07C5E0 | 1GPS09-01-127-11 | 2201-23762-001 | Polycom Video Camera | 7/1/2011 | 1 | 3,400.00 | 3,400.00 | Depreciation |
| 20EYVNAK30254221 | 1GPS09-01-185-12 | 962-0100T-23A | Polycom Telepresence System Grandstream Bldge Tone -200 VOIP SIP Phone | 3/6/2012 | 1 | 65.00 | 65.00 | Depreciation |
| 20EYVNAK30254227 | 1GPS09-01-186-12 | 962-0000T-23A | Grandstream Bldge Tone -200 VOIP SIP Phone | 3/6/2012 | 1 | 65.00 | 65.00 | Depreciation |
| 000285-0000108991 | 1GPS15-001-01-13 | 245F | LTE Demo Board | 2/7/2013 | 1 | 24,000.00 | 24,000.00 | Depreciation |

(b)(4)

| Site | Serial Number | Asset ID | Location | Equipment Type | Date Received | Quantity | Unit Cost | Total Value | Useful Life |
|--------|---------------|------------------|------------------|---|---------------|----------|-----------|-------------|--------------|
| | N/A | 1GPS15-001-02-13 | N/A | 6202 LTE eNodeB Base Station Single Radio Unit RUS-01B7 (2600 MHz) 20W HW | 3/21/2013 | 1 | 1,418.00 | 1,418.00 | Depreciation |
| (b)(4) | | 1GPS16-001-02-13 | INF 901 6000S26A | | 6/6/2013 | 1 | 2,658.00 | 2,658.00 | Depreciation |