

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   1
2. AMENDMENT/MODIFICATION NO. P00003	3. EFF. DATE 05/01/2009	4. REQUISITION/PURCHASE REQ. NO. 0020045581	5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of Homeland Security Customs and Border Protection 1300 Pennsylvania Ave, NW Room 7.2C Washington DC 20229	CODE 7014	7. ADMINISTERED BY (If other than Item 6) Dept of Homeland Security Customs and Border Protection SBI Acquisition Office, Room 7.2C 1300 Pennsylvania Ave., NW Washington DC 20229		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code) THE BOEING COMPANY DBA/ BOEING 1215 SOUTH CLARK ST STE 600 ARLINGTON VA 22202-3259		9A. AMENDMENT OF SOLICITATION NO.		
CODE 807414318		9B. DATED (SEE ITEM 11)		
FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. X / HSBP1209J25801		
		10B. DATED (SEE ITEM 13) 03/31/2009		

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)

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

X	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. FAR 52.243-1 Fixed Price Alternate II (April 1984)
	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 issuing office.

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

14A. The purpose of this modification is to change the Statement of Work to add contractor acquired equipment.

14B. Changes are indicated by underline in the attached Statement of Work, dated 5/1/2009. (See Section 4.4.1.10)

14C. All other Terms and Conditions remain unchanged.

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) Barbara A. Janitis Contracting Officer
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16C. DATE SIGNED  May 1, 2009
15C. DATE SIGNED	16B. DATE SIGNED



# U.S. Customs and Border Protection

**Secure Border Initiative SBInet Program  
Northern Border Project Task Order (NBPTO)**

## **Statement of Work**

**Dated 5/1/09**

Task Order No.: HSBP1209J25801

## Table of Contents

1 Background .....	3
2 Objectives .....	3
2.1 Detroit Sector Objectives: .....	3
2.2 Buffalo Sector Objectives: .....	4
3 Scope .....	5
4 Specific Requirements .....	5
4.1 Program Management (WBS Item 8) .....	5
4.2 Systems Engineering (WBS Item 1) .....	9
4.3 Facilities and Infrastructure .....	10
4.4 Deployment and Installation .....	12
4.5 Integration/Test (WBS Item 6) .....	16
4.6 Prime Mission Products (Material) (WBS Item 3.5) .....	17
4.7 Integrated Logistics Support .....	18
4.8 Training .....	18
5 Deliverables/Delivery Schedule .....	19
5.1 Deliverables .....	19
6 Government-Furnished Equipment & Government Furnished Information (GFE/GFI) .....	21
7 Security .....	21
8 Place of Performance .....	21
9 Other Considerations .....	22
9.1 Travel .....	22
9.2 Acronyms .....	22

## 1. Background

Achieving control of the United States (US) border is a key mission of the Department of Homeland Security (DHS). The Secure Border Initiative (SBI) is a comprehensive, multi-year plan to achieve this key mission, prevent terrorism and eliminate illegal immigration. The operational foundation of SBI includes border security and interior enforcement. SBI-net is focused on the border security component of SBI's overarching mission. DHS has designated U.S. Customs and Border Protection (CBP) as the executive agent for DHS in the development and deployment of the SBI-net solution.

In April 2007, Congress directed CBP to begin addressing northern border vulnerabilities. The Executive Steering Committee (ESC) created a Northern Border Working Group consisting of representatives of the operational components to make recommendations concerning the location of the Northern Border Demonstration (NBD) project. In June 2008 the ESC recommended and the Deputy Secretary of DHS approved the Northern Border Project which consists of deployment of surveillance technology capabilities in Buffalo and Detroit.

## 2. Objectives

The objective of the Northern Border Project is to design, install, and deploy surveillance technology capabilities in the Detroit and Buffalo Border Patrol Sectors.

The objective of the Northern Border Project is to improve situational awareness and increase surveillance coverage through the deployment of surveillance sensors and components in the Detroit and Buffalo Sector.

### 2.1 Detroit Sector Objectives

Increase surveillance coverage

2.1.1 Installation of (b) (7)(E) Remote Video Surveillance System (RVSS) sites, including a combination of existing structures and monopole towers, along the government provided lay-down of St. Clair River.

- Each site shall include (b) (7)(E) "camera sets" with each set consisting of (b) (7)(E) and (b) (7)(E) camera.
- There shall be a total of (b) (7)(E) camera sets in the Detroit Sector.

2.1.2 Installation of RVSS control at Detroit Sector Headquarters (HQ) consisting of (b) (7)(E) control stations where each control station shall independently control all of the RVSS sensors.

2.1.3 (b) (7)(E)

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(b) (7)(E)

2.1.4 Display of (b) (7)(E)

(b) (7)(E)

2.1.5 (b) (7)(E)

(b) (7)(E)

## 2.2 Buffalo Sector Objectives

Increase surveillance coverage

2.2.1 Installation of (b) (7)(E) Remote Video Surveillance System (RVSS) sites, including a combination of existing structures and monopole towers, along the government provided lay-down of the Niagara River.

- Each site will include two (2) “camera sets” with each set consisting of (b) (7)(E) and (b) (7)(E) camera.
- There will be a total of (b) (7)(E) camera sets in the Buffalo Sector.

2.2.2 Installation of RVSS control at Buffalo Sector HQ consisting of (b) (7)(E) additional control stations, where each control station shall independently control all of the new RVSS sensors.

- Option 4: (b) (7)(E)  
(b) (7)(E)

2.2.3 (b) (7)(E)

(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

### 3. Scope

The scope of the requirements of the Northern Border Project fall under the following Master Contract Task Areas:

- Task Area 3: Prime Mission Product
- Task Area 4: Facilities and Infrastructure
- Task Area 6: Systems Engineering
- Task Area 7: Training
- Task Area 8: Integrated Logistics Support
- Task Area 9: Deployment and Installation
- Task Area 11: Program Management

### 4. Specific Requirements

#### 4.1 Program Management (WBS Item 8)

Program Management is work related to planning, organizing, coordinating, authorizing, and controlling the overall program to meet technical, quality, cost, and schedule requirements. The Program Management services are applied over the Northern Border deployment life cycle and include all activities and processes.

##### 4.1.1 Project Management (WBS Item 8.1)

4.1.1.1 The Contractor shall provide full time project management in support of the Northern Border activities assigned to the Detroit and Buffalo Sector areas of responsibility. As part of the project management, the Contractor shall identify the Northern Border Task Order Organizational structure delineating the relationship with the other Task Orders.

##### 4.1.1.2 Integrated Product Team Meetings

The Contractor shall participate in the Integrated Product Team (IPT) meetings held at Customs and Border Protection (CBP) facilities, virtually, or other locations as mutually agreed between the contractor and the Contracting Officer (CO) and; if necessary, post consultation with the Contracting Officer's Technical Representative (COTR) for Detroit Sector and Buffalo Sector projects. The Contractor shall provide administrative assistance and support for all Contractor attended meetings regarding the Northern Border project.

##### 4.1.1.3 Management Reviews

Management Reviews of the NBPTO activities are included in the Monthly Program Management Reviews (PMRs) under the NBPTO Monthly Status Report [CDRL K022].

Before final Government acceptance of the Northern Border Project, the Project Acceptance Review (PAR) will occur as a Management Review. The PAR will be preceded by the submittal of the Project Acceptance Package [CDRL K040] which will provide all the final project artifacts: As-builts, Operating Manuals, Maintenance Manuals, warranties, test results, and registrations. As-built drawings are produced by the contractor and compared with the original design documents to identify any changes made during installation that could affect the item's performance.

#### 4.1.1.4 Cost and Schedule Management

The Contractor shall develop, maintain, and deliver the Northern Border Project portion of the SBInet Integrated Master Plan (IMP) and Integrated Master Schedule (IMS) as part of the PMR – Monthly Status Report [CDRL K022]. The IMS shall be sufficiently detailed for the Government to status the project's progress and tasks.

### 4.1.2 Environmental, Health and Safety (WBS Item 1.2.3)

4.1.2.1 The Contractor shall update the STO Environment, Health and Safety (EHS) Plan (D333-000121-1 in the Boeing eMatrix System ) for the NBPTO that addresses the health safety of personnel and equipment and environmental stewardship at the sites within the NBPTO deployment areas. The EHS Plan will complement the Program Security Plan; review Service Provider EHS plans and programs; investigate accidents and incidents and if any issues or safety/security items of interest are identified, the Contractor shall promptly mark the area and notify the Government.

4.1.2.2 The Contractor shall perform root cause analysis, maintain EHS records, and implement corrective action measures; provide on-site EHS monitoring and oversight throughout the construction and test phases of the project; provide briefings to personnel working in field, and ensure that EHS best practices are implemented; conduct EHS inspections at project sites; serve as primary focal for EHS regulatory agency inspections of Contractor and Supplier operations.

4.1.2.3 The Contractor shall provide environmental, health and safety (EHS) and security awareness training to Contractor and subcontractor employees; identify and assess potential EHS hazards associated with site surveys and site construction work.

4.1.2.4 The Contractor shall ensure all personnel at a site are adequately prepared and briefed for conduct of activities while on site.

#### **4.1.3 OPTION 1: Program Security (WBS Item 8.9)**

4.1.3.1 The contractor shall incorporate Information Technology (IT) and personnel security for protection of the Northern Border resources under this effort. The Contractor shall coordinate with the SBInet and CBP security personnel to determine security needs; such as, provisions for the physical and IT security within the Northern Border facilities to safeguard equipment and documentation.

#### **4.1.4 OPTION 1: System Security (WBS 1.2.3)**

4.1.4.1 Working with SBInet and CBP security personnel, the Contractor shall design and implement system security to assure:

- Appropriate security safeguards and services are implemented.
- Information Technology (IT) security features work and can be demonstrated during testing and certification process.
- The system has the required security controls to satisfactorily preserve data confidentiality, availability, and integrity.

4.1.4.2 The Contractor shall base NBPTO System Security on the standards outlined in the Federal Information Processing Standards (FIPS) 199 Security categorization of the system.

4.1.4.3 The Contractor shall implement a security design that addresses the applicable security controls specified in the most current version of the National Institute of Standards and Technology (NIST) Special Publication 800-53 Recommended Security Controls for Federal Information Systems.

4.1.4.4 The Contractor shall implement appropriate physical, administrative, and technical safeguards to ensure cost-effective system security. These safeguards shall be consistent with the most current versions of the DHS 4300A Sensitive Systems Handbook, and CBP HB 1400 05C Information Systems Security Policy and Procedures Handbook, and with the approved SBInet Enterprise Architecture.

4.1.4.5 The Contractor shall conduct security testing at both the device and system-level prior to delivery to assure that the delivered products meet the Certification and Accreditation (C&A) requirements specified in the most current version of the DHS C&A Guidance for Sensitive But Unclassified (SBU) Systems User's Manual and do not affect existing software and systems performance.

4.1.4.6 Working with SBInet and CBP security personnel, the Contractor shall support preparation of the security accreditation package using the Risk Management System (RMS) tool.

Working with SBInet and CBP security personnel, the Contractor shall support the certification agent by providing Northern Border Project specific recommended corrective actions (Corrective Action Plan) and required Plan of Action and Milestones (POAM) to reduce or eliminate vulnerabilities in the information system.

4.1.4.7 The Contractor shall develop and prepare updates to the following STO documents as Northern Border specific artifacts utilizing RMS, with guidance by SBInet and CBP security personnel:

STO Documents referenced below:

- System Security Plan (SSP) [CDRL H021]
- IT Contingency Plan [CDRL H126]
- IT Security Risk Assessment [CDRL H127]

4.1.4.8 The Contractor shall ensure that the RVSS capability is available via the SBInet VRF leveraging the Government provided infrastructure.

#### **4.1.5 Contracts Management**

4.1.5.1 The Contractor shall designate a Contracts Administrator as the single point of contact for contractual matters. The Contracts Administrator shall have the responsibility and authority to represent and commit the Contractor's organization on contract-related program issues.

4.1.5.2 The Contracts Administrator shall perform general contract administration support during the period of performance for the Northern Border effort. The Contracts Administrator shall support program/management reviews.

4.1.5.3 The Contracts Administrator shall issue and respond to contractual correspondence (incoming and outgoing letters) and submit any additional proposals and/or Engineering Change Proposals.

#### **4.1.6 Supplier Management and Procurement (WBS Item 8.3)**

The Contractor shall provide supplier management and procurement (SM&P) functions in accordance with the STO - Supplier Management Plan [D333-000142-1].

## **4.2 Systems Engineering (WBS Item 1)**

### **4.2.1 Resources and Skills**

The Contractor shall provide the resources and skills necessary to plan the design, implementation, verification, and testing of the capability of the Northern Border deployment effort.

### **4.2.2 Design**

#### **4.2.2.1 Detroit**

The Contractor shall provide 100% design consisting of the production of the RVSS Final Design Package, the facility designs and the communications designs for entire system.

The Contractor shall deliver and review the 100 % design documents in the Final Design Plan [CDRL K147]. Upon Government receipt and review IAW CDRL K147 of 100% design package the contractor shall proceed to deployment.

#### **4.2.2.2 Buffalo**

The Contractor shall provide 100% design consisting of the production of the RVSS Final Design Package, the facility designs and the communications designs for entire system.

The Contractor shall deliver and review the 100 % design documents in the Final Design Plan [CDRL K146]. Upon Government receipt and review IAW CDRL K146 of 100% design package the contractor shall proceed to deployment.

### **4.2.3 Risk Management (WBS Item 8.4)**

The Contractor shall conduct proactive risk management which includes risk management functions in accordance with the current SBInet Risk Management Plan such as risk identification, analysis, mitigation, tracking, communication, and reporting of risk status at the IPT and the PMR. Also includes risk meetings, risk management boards, risk-related change control, and incorporation of risk mitigation into program activities to include traceability of moderate and high level risk mitigation activities to Northern Border Project IMS milestones and IMP events.

### **4.2.4 Quality and Mission Assurance (WBS Item 8.7)**

The Contractor shall perform Quality and Mission Assurance task by tailoring and applying the SBInet quality assurance program. This effort includes work

associated with performance measurement functions leading to product delivery and acceptance, and successful post-delivery mission achievement.

### **4.3 Facilities and Infrastructure**

#### **4.3.1 Permitting and Regulatory (WBS Item 3.2)**

The Contractor shall obtain the necessary construction and operating permits and approvals prior to the initiation of construction, deployment and installation as governed by federal, state, county, and local regulations, statues and laws and ordinances.

4.3.1.1 The Contractor shall develop and maintain a database identifying construction and operating permits required for each site or activity.

#### **4.3.2 Environmental Restoration (WBS Item 3.2)**

The Contractor shall perform environmental restoration in accordance with (IAW) required permitting stipulations.

The Government will provide the GFI FONSI in which these stipulations will be delineated. For example, Best Management Practices (BMPs) shall be employed and state and local statutory compliance.

#### **4.3.3 Power (WBS Items 2.3.8, 2.4.8, 3.7, 4)**

##### **4.3.3.1 Grid Power**

The Contractor shall extend grid power from existing structures to tower sites IAW approved design documentation. [CDRL K146 and CDRL K147]

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

##### **4.3.3.2 Generator Power**

The Contractor shall install connections for an Automatic Transfer Switch (ATS) to allow for use of a temporary on-site generator power for maintenance requirements IAW approved design documentation. [CDRL K146 and CDRL K147] The Office of Border Patrol (OBP) will provide generators as required to support operations.

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

#### 4.3.3.3 OPTION 3: Backup Power

The Contractor shall provide an Uninterruptable Power Supply (UPS) capability to support a minimum of four (4) hours of power to the equipment installed at each tower site to allow for a controlled shutdown during a power outage IAW approved design documentation. [Final Design Plan Package CDRL K146 and CDRL K147]

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

#### 4.3.4 Facilities Upgrades (WBS Item 3.4.4, 3.5.4, 3.6.4)

##### 4.3.4.1 Detroit Sector

The contractor shall channel all coordination efforts through the NBP Project Manager.

- 4.3.4.1.1 The Contractor shall coordinate all facility modifications to the Detroit Sector HQ with the CBP Office of Information and Technology (OIT) and the CBP Office of Finance/Facilities Management and Engineering (FM&E).

##### 4.3.4.2 Buffalo Sector

The Contractor shall channel all coordination efforts through the NBP Project Manager.

- 4.3.4.2.1 The Contractor shall conduct site visits to the Buffalo Sector Communications Center to determine facility requirements to support design and installation of the bank of surveillance displays and communications equipment.
- 4.3.4.2.2 The Contractor shall coordinate all facility modifications to the Buffalo Sector Communications Center with the CBP Office of Information and Technology (OIT) and the CBP Office of Finance/ Facilities Management and Engineering (FM&E).

## 4.4 Deployment and Installation

### 4.4.1 Tower Sites and Infrastructure (WBS Item 3.3)

4.4.1.1 The Contractor shall install the infrastructure required to support the tower site to include Federal Aviation Administration (FAA) lighting, equipment shelters and perimeter fence around the tower structure site in accordance with (IAW) approved design documentation [CDRL K146 and CDRL K147].

4.4.1.2 The Contractor shall install upgrades to existing site infrastructure to include FAA lighting, equipment shelters and perimeter fence around the tower structure site IAW approved design documentation [CDRL K146 and CDRL K147].

4.4.1.3 The Contractor shall provide for ingress and egress to the sites to support installation of new and existing approved design documentation [CDRL K146 and CDRL K147].

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

4.4.1.4 The Contractor shall remove existing site components at locations where replacement tower(s) are to be installed.

4.4.1.5 The Contractor shall prepare upgrades to existing sites IAW approved design documentation [CDRL K146 and CDRL K147].

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

4.4.1.6 The Contractor shall prepare new sites IAW approved design documentation. [CDRL K146 and CDRL K147]

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

4.4.1.7 The Contractor shall design and install all non-monopole structures to support Remote Video Surveillance System (RVSS) sites utilizing existing structures identified in the government furnished RVSS site laydown (GFI).

4.4.1.8 The Contractor shall modify existing RVSS structures IAW approved design documentation [CDRL K146 and CDRL K147].

- 4.4.1.9 The Contractor shall install Government Furnished Equipment (GFE) RVSS surveillance structures IAW approved design documentation [CDRL K146 and CDRL K147].

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

- 4.4.1.9.1 The Contractor shall install (b) (7)(E) GFE RVSS structures in the Detroit Sector.

- 4.4.1.9.2 The Contractor shall install (b) (7)(E) RVSS structures in the Buffalo Sector. The RVSS structures will be provided to the contractor as GFE.

- 4.4.1.10 The Contractor shall procure and install communication tower structures IAW approved design documentation [CDRL K146 and CDRL K147].

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

- 4.4.1.11 RVSS Site Segment/Payload Installation (WBS Item 2.3)

The Contractor shall install the payloads for RVSS Camera Sets for new towers and existing structures IAW approved design documentation [CDRL K146 and CDRL K147]

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

- 4.4.1.12 The Contractor shall install the Surveillance Payload kits on the RVSS sites IAW approved design documentation. [CDRL K146 and CDRL K147]

- 4.4.1.13 The Contractor shall install surveillance ancillary equipment IAW approved design documentation [CDRL K146 and CDRL K147].

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

- 4.4.1.14 The Contractor shall procure and install the Communication Payload kits on the RVSS sites IAW approved design documentation.

- 4.4.1.15 The Contractor shall install communications ancillary equipment IAW approved design documentation [CDRL K146].



The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

- 4.4.1.16 Installation & Checkout (I&CO) of RVSS Segments. (WBS Item 3.6.10)
- 4.4.1.17 The Contractor shall provide I&CO of the RVSS segments IAW RVSS Test and Evaluation. [CDRL K146 and CDRL K147]
- 4.4.1.18 The I&CO will be conducted incrementally for each site. The I&CO Report for each site shall be provided as the site is completed.
- 4.4.1.19 After the I&CO is completed, the Contractor shall provide the I&CO Report in the Project Acceptance Package. [CDRL K040]

#### 4.4.2 Detroit Sector HQ Facility

The Contractor shall procure, install and integrate computing and communications hardware, including connection to site services, necessary for installing (b) (7)(E) control stations into the Detroit Sector HQ facility IAW approved design documentation. [CDRL K147]

- 4.4.1.1 The Contractor shall procure, install and integrate computing, video display and communications hardware, including connection to site services, necessary for installing the bank of surveillance displays into the Detroit Sector HQ facility IAW approved design documentation. [CDRL K147]
- 4.4.1.2 The Contractor shall procure, install and integrate support infrastructure required to maintain the station upgrade equipment to include power or cooling products into the Detroit Sector HQ facility IAW approved design documentation.

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

**4.4.2 Buffalo Sector HQ Facility:** The Contractor shall procure, install and integrate computing and communications hardware, including connection to site services, necessary for installing video archive capability and (b) (7)(E) control stations into the Buffalo Sector Communications Center facility IAW approved design documentation [CDRL K146].

Upon installing the (b) (7)(E) control stations, the system shall expand from (b) (7)(E) legacy control station to (b) (7)(E) control stations that can access any of the video feeds.

- Option 2: The control stations shall (b) (7)(E) (b) (7)(E)

- Option 4: Upon installing the (b) (7)(E) control stations, the system shall expand from (b) (7)(E) legacy control station to (b) (7)(E) control stations that can control any of the video feeds.

4.4.2.1 The Contractor shall procure, install and integrate computing, video display and communications hardware, including connection to site services necessary for installing the bank of surveillance displays into the Buffalo Sector Communications Center facility IAW approved design documentation [CDRL K146].

4.4.2.2 The Contractor shall procure, install and integrate support infrastructure required to maintain the station upgrade equipment to include power or cooling products into the Buffalo Sector Communications Center facility IAW approved design documentation. [CDRL K146]

4.4.2.3 The Contractor shall integrate new RVSS camera feeds into the RVSS control stations to allow full camera control of all new RVSS cameras at the Buffalo Sector Communications Center facility IAW approved design documentation. [CDRL K146]

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

#### **4.4.3 I&CO of Facility Upgrades (WBS Item 3.6.10)**

The Contractor shall perform installation and check-out of the facility upgrades IAW approved design documentation [CDRL K146 and CDRL K147].

The Contractor shall provide “as-built” documentation. [Project Acceptance Package CDRL K040]

#### **4.5 Integration/Test (WBS Item 6)**

4.5.1 The Contractor shall integrate the System Segments and provide full integration, test, check-out, and acceptance of the system through customer acceptance IAW approved design documentation [CDRL K146 and CDRL K147].

#### **4.5.2 Legacy Video Display Integration**

4.5.2.1 Detroit Sector

4.5.2.1.1 The Contractor shall integrate legacy cameras currently received at Detroit Sector HQ covering the Detroit Sector AOR into the Detroit Sector HQ IAW approved design documentation [CDRL K147].

#### 4.5.2.2 Buffalo Sector

- 4.5.2.2.1 The Contractor shall integrate existing fielded RVSS video feeds covering the Buffalo Sector AOR into the Buffalo Sector HQ IAW approved design documentation. [CDRL K146]

#### 4.5.3 RVSS Test and Evaluation (WBS 6.4)

The Contractor shall include the Test Plan with the Final Design Plan [CDRL K146 and CDRL K147]. The Contractor shall test and verify the following functional acceptance test in order for the RVSS over a minimum of seven (7) day test period to be considered fully operational:

- a. Camera signals from all day cameras and all Infrared cameras are continuously received at the control room for a seven day period.
  - Camera signals from day and IR cameras can be transitioned and assessed during thermal crossover periods for each crossover event during the test period.
- b. Control room personnel are able to remotely control each camera function by directing it to pan, tilt, and zoom (PTZ) through its prescribed range of motion and all camera operational modes from each control station are in accordance manufacturers' specifications.

- 4.5.3.1 The Contractor shall provide all Test Results within the Project Acceptance Package [CDRL K040].

#### 4.5.4 Project Acceptance Review (PAR)

The Contractor shall host a Project Acceptance Review upon completion of the Functional Acceptance Testing and delivery of the Project Acceptance Package [CDRL K040].

#### 4.6 Prime Mission Products (Material) (WBS Item 3.5)

- 4.6.1 The Contractor shall procure and track materiel, production spares, and consumable items required to implement the construction, deployment and integration of items in the field.
- 4.6.2 The Contractor shall procure computing and communications hardware, as well as the materials required to install the components into the Detroit Sector HQ facility IAW approved design documentation [CDRL K147].

**4.6.3** The Contractor shall procure computing and communications hardware, as well as the materials required to install the components into the Buffalo Sector Communications Center facility IAW approved design documentation [CDRL K146].

#### **4.7 Integrated Logistics Support**

**4.7.1** All NB ILS Project Support Plan (PSP) requirements such as “*Asset Management/Provisioning/SE/Tech Doc/Training/Facilities Assessment/et al*” will be conducted in accordance with the applicable SBInet ILS PSP TO paragraph and in such a manner as to support the Northern Border task order CONOPS. Separate Boeing Charge Control Numbers (CCNs) will be developed for this effort and said CCNs will be developed consistent with and traceable to the applicable SBInet ILS PSP TO Work Breakdown Structure (WBS) and tracked in accordance with the SBInet ILS PSP TO WBS reporting requirements.

**4.7.2** The Contractor shall provide interim maintenance and logistical support through government acceptance to include tracking and resolving trouble reports and operator and maintenance manuals.

**4.7.3** The Contractor shall maintain all hardware and equipment in the field through government acceptance.

After functional acceptance testing, the CBP ILS Division will be responsible for operations and maintenance (O&M) and may opt to use the SBInet ILS TO to provide the O&M support.

#### **4.8 Training**

**4.8.1** The contractor shall provide training to the CBP Office for Training and Development (OTD) trainer not to exceed 8 hours. All COTS Operator Manuals/Owner Manuals for all deployed equipment purchased to include but not limited to the following: Video display units, Video recording system, Camera Control System, and any drawings developed during the scope of this project [CDRL K014].

**4.8.2** The Contractor shall provide a job aid showing all functions of the control room components (not to exceed two (2) pages).

#### **4.8.3 Supply Support & Provisioning**

4.8.3.1 The Contractor shall supply initial spares for non-reparable and long lead time items and reparable parts.

4.8.3.2 The Contractor shall supply and maintain equipment used for the install and check-out of the system through functional acceptance testing.

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4.8.3.3 The Contractor shall maintain a facility at the Sector for storage spares, parts, and equipment through government acceptance.

## 5. Deliverables/Delivery Schedule

All deliverables are subject to review and acceptance by the COTR. The acceptance criteria for the NBPTO product deliverables will be per the Project Acceptance Plans as reviewed and approved by the COTR.

### 5.1 Deliverables

NBPTO CDRL # K0XX	DID	SOW Para	CDRL Title	Data Type	Due Date (Calendar Days after TO Award)	Final or Frequency (Calendar Days after TO Award)	Format	Delivery Method
K022 SBI-	DID-0023	All PMR	– Monthly Status Report	1 30	days	Monthly/ 1 week prior to PMR	MS Office	Electronic <ul style="list-style-type: none"> <li>• BPN</li> <li>• PIMS</li> </ul>
K146 SBI-	DID-0038	4.2.2.2	Buffalo Design Plan Package	1 Draft	4/23/09 (100%)	Final 4/30/09 (100%)	MS Office AutoCAD Printed on D sheet size	Electronic <ul style="list-style-type: none"> <li>• BPN</li> <li>• PIMS</li> </ul>
K147 SBI-	DID-0039	4.2.2.1	Detroit Design Plan Package	1	Draft 4/23/09 (60%) 5/22/09 (100%)	Final 4/30/09 (60%) 5/29/09 (100%)	MS Office AutoCAD Printed on D sheet size	Electronic <ul style="list-style-type: none"> <li>• BPN</li> <li>• PIMS</li> </ul>
K014 SBI-	DID-0037	4.8 Training	material and user documentation	1 Draft	Buffalo –4/23/09 Detroit – 5/22/09	Final Buffalo–4/30/09 Detroit – 5/29/09	MS Office	Electronic <ul style="list-style-type: none"> <li>• BPN</li> <li>• PIMS</li> </ul>
K040 SBI-	DID-0040	4.1.1.3 4.3 4.4 4.5	Project Acceptance Package	1 Draft	Buffalo-12/11/09 Detroit-1/25/10	Final Buffalo 12/17/09 Detroit 2/1/2010	MS Office	Electronic <ul style="list-style-type: none"> <li>• BPN</li> <li>• PIMS</li> </ul>

Item	Deliverable	Delivery Date
0001	Buffalo Design (Fixed Price)	4/30/2009
0002	Detroit Design (Fixed Price)	5/29/2009
0003	Buffalo Deployment Unit 1 (Fixed Price) <b>(b) (7)(E)</b>	7/6/2009

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Item	Deliverable	Delivery Date
0004	Buffalo Deployment Unit 2 (Fixed Price) (b) (7)(E)	8/24/2009
0005 0005aa 0005ab	Buffalo Deployment Unit 3 (Fixed Price) (b) (7)(E)	12/18/2009
0006	Detroit Deployment Unit 1 (Fixed Price) (b) (7)(E)	9/16/2009
0007	Detroit Deployment Unit 2 (Fixed Price) (b) (7)(E)	10/2/2009
0008	Detroit Deployment Unit 3 (Fixed Price) (b) (7)(E)	12/2/2009
0009 0009aa 0009ab	Detroit Deployment Unit 4 (Fixed Price) (b) (7)(E) Detroit Sector Final Acceptance	2/2/2010
0010	Travel (Cost Reimbursable) Not-to-Exceed	3/30/2010
0011	Incentive 1: CLIN 0003 Schedule and Acceptance (Fixed Price)	6/29/2009
0012	Incentive 2: CLIN 0006 Schedule and Acceptance (Fixed Price)	9/9/2009
0013	Incentive 3: CLIN 0005 Schedule and Acceptance (Fixed Price)	12/11/2009
0014	Incentive 4: CLIN 0009 Schedule and Acceptance (Fixed Price)	1/26/2010
Item	Optional Tasks	Delivery Date
0015	Optional Task 1 :System Security Certification and Accreditation (C&A) (Fixed Price)	Determined upon exercise of option
0016	Optional Task 2: Integrated RVSS Control and Video Archive Retrieval (Fixed Price)	Determined upon exercise of option

Item	Deliverable	Delivery Date
0017	Optional Task 3: Uninterrupted Power Supply (UPS) (Fixed Price)	Determined upon exercise of option
0018	Optional Task 4: Integrate legacy RVSS in Buffalo into the new RVSS solution (Fixed Price)	Determined upon exercise of option

## 6. Government-Furnished Equipment & Government Furnished Information (GFE/GFI)

Type	Item
Access	The government will provide the contractor access to the facilities, vehicles, vessels and aircraft and appropriate / required personnel for the times necessary to accomplish the provisions of this SOW.
GFE	The government will provide RVSS monopole towers already procured to the contractor.
GFE	The government will provide all camera suites to support the RVSS video surveillance capabilities to the contractor.
GFI	The government will provide the NBP RVSS Deviation for Commodity Installation Waiver.
GFI	The government will provide the RVSS lay-down sites (selected installation sites).
GFI	The government will provide RVSS engineering design data, environmental data, and deployment data already produced under the previous RVSS project for the Buffalo Sector to the contractor.
GFI	The government will provide to the contractor current configuration and service data for all buildings, equipment, vehicles, vessels, aircraft, and site locations used to support the Northern Border Project.
GFI, Access	The government will provide a complete Environmental Assessment package to include Finding of No Significant Impact (FONSI) documents for all Detroit Sector RVSS sites.
GFI, Access	The government will provide a complete Environmental Assessment package to include FONSI documents for all Buffalo Sector RVSS sites.
GFI	The government will provide sample Interface Control Drawings to follow in support of both the Buffalo and Detroit design.

## 7. Security

Unclassified.

## 8. Place of Performance

Detroit, Michigan and Buffalo, New York

## 9. Other Considerations

### 9.1 Travel

Travel will be in accordance with H.22 Travel of contract HSBP1006D01353. Notification of contractor travel will be provided to the COTR 7 days in advance.

### 9.2 Acronyms

AIS	Automatic Identification System
AMOC Air	Marine Operations Center
AOR	Area of Responsibility
ATO Authority	to Operate
ATP Authority	to Proceed
ATS	Automatic Transfer Switch
BFT Blue	Force Tracking
BMP	Best Management Practices
BOM	Bill of Material
BPN	Boeing Private Network
C3I Comm	and, Control, Communications, and Intelligence
C&A	Certification and Accreditation
CBP	Customs and Border Protection
CD Calendar	Days
CDR	Critical Design Review
CDRL	Contract Data Requirements List
CO Contracting	Officer
COTR Contracting	Officer Technical Representative
COP	Common Operational Picture
CPR	Cost Performance Report
DDR	Deployment Design Review
DHS	Department of Homeland Security
DID	Data Item Description
DPR	Deployment Planning Review
DRR Deploy	ment Readiness Review

DTP	Detailed Test Plan
EA Environm	ent Assessment
ECP	Engineering Change Proposal
EHS	Environmental, Health and Safety
EO/IR Electro-Optical/Infra-Red	
EVMS	Earned Value Management System
FAA	Federal Aviation Administration
FONSI	Finding Of No Significant Impact
GFE	Government Furnished Equipment
GFI	Government Furnished Information
GFP	Government Furnished Property
HQ	Headquarters
HW	Hardware
I&CO Installation	and Checkout
IAW	In Accordance With
IBR	Integrated Baseline Review
IOC	Initial Operational Capability
IOT&E Independent	Operational Test and Evaluation
ILS	Integrated Logistics Support
IMP Integrated	Master Plan
IMS Integrated	Master Schedule
IT Inform	ation Technology
MS	Microsoft
MSS	Mobile Surveillance System
N/A Not	Applicable
NBP	Northern Border Project
NBPTO	Northern Border Project Task Order
NLT	No Later Than
O&M Operations	and Maintenance
OBP	Office of Border Patrol
OIT	Office of Information and Technology
OTD	Office for Training and Development

PAR	Project Acceptance Review
PDR Prelim	inary Design Review
PIMS	Program Information Management System
PMR	Program Management Review
POAM	Plan of Action and Milestones
POE	Port of Entry
PTZ Pan/Tilt/Zoom	
RMS	Risk Management System
ROE	Right of Entry
ROE-c	Right of Entry for construction
RVSS	Remote Video Surveillance System
SAT	System Acceptance Testing
SBI	Secure Border Initiative
SEP	Systems Engineering Plan
SIL	Systems Integration Lab
SM&P	Supplier Management and Procurement
SOW Statem	ent of Work
SSO	System Security Officer
SSP	System Security Plan
STO	Systems Task Order
SW Sof	ware
TBD	To Be Determined
TO Task	Order
TPM	Technical Performance Measures
TRR	Test Readiness Review
UGS Unattended	Ground Sensors
UPS	Uninterrupted Power Supply
USCG	United States Coast Guard
USA	United States of America
VRF	Virtual Router Forwarding
WBS	Work Breakdown Structure