(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: PROJECT MANAGEMENT PLAN	**2. IDENTIFICATION NO(s):** A001
3. DESCRIPTION/PURPOSE: To provide details of the Contractor's program management organizational structure and to identify program management systems, responsibilities and authority of senior management staff.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP:	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS: The following information shall be provided in contractor format:

a. Organizational charts depicting the role and relationships of senior program management staff
b. Duty statements for senior program management staff identifying program responsibilities and authority
c. Identify program manager for this effort
d. Milestone schedule highlighting all design, manufacturing, installation, testing, and training requirements as they affect the contractor's ability to complete the project

The Project Management Plan shall be delivered as part of the contractor's proposal. The Project Management Plan shall be updated, annually or more often if required, during the course of the contract.

Deliverables:

1. First submission - with proposal
2. Updates - Required whenever information contained in the Project Management Plan changes or annually

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: RELIABILITY PREDICTION REPORT	**2. IDENTIFICATION NO(s):** A002
3. DESCRIPTION/PURPOSE: The Contractor shall perform reliability predictions for the NII equipment. The prediction shall assume a constant failure rate for parts. For parts where no failure rate is available, a failure rate shall be estimated and the basis for the estimation shall be stated. The environmental factors shall be for fixed and mobile ground equipment. The external ambient temperatures utilized in the reliability prediction shall be based upon the upper and lower operating temperatures of the NII system.	**4. APPROVAL DATE:** **5. OFFICE OF PRIMARY RESPONSIBILITY:** USCBP ITB **6. OFFICE OF COLLATERAL RESPONSIBILITY:**
7. APPLICATION/INTERRELATIONSHIP: These Reliability Predictions will be matched to Measured Reliability during the Warranty Period.	**8. APPROVAL LIMITATIONS:** **9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)**

10. PREPARATION INSTRUCTIONS: The following information shall be provided in contractor format:

The Contractor shall submit a reliability prediction report. The Contractor shall identify reliability critical items. A Critical Item is an identified weak link in a system, has an adverse impact on failures of the system performing its mission, creates potential safety problems, or contributes to other areas of high risk to overall system reliability. The Contractor shall classify all NII items as critical if one or more of the following conditions are satisfied:

a. Item represents a significant new development or application.
b. Item has critical failure modes.
c. Item has history indicating need for improvement. A Preplanned Product Improvement Plan (PPIP) shall be developed and provided by

the Contractor for any item with a history of needing improvement.

d. Item has known operating life, limited shelf life, or environmental sensitivity (e.g., vibration, thermal, etc.) that warrants controlled surveillance.
e. Item whose failure can result in the failure of the system and which is not compensated by redundancy or alternate operational procedures.

The Contractor shall provide information on critical items, which shall include as a minimum:

a. Procedures for the procurement of critical items.
b. Criteria and procedures for the design and redesign of critical items
c. Procedures for controlling and monitoring of critical items after manufacture (e.g., date coding, traceability, assembly techniques, test requirements, acceptance test requirements, control of sub-contractors' and manufacturers' controls, in-process controls, special handling, and storage requirements).

The Contractor shall identify and discuss all aspects of the prime item's reliability features and characteristics.

Deliverables:

1. First submission – Included with proposal.

2. Review – Government has 120 days to review and comment.

3. Final - Due 60 days after receipt of comments.

4. Updates - shall be provided as changes are made to the design/configuration affecting system operation.

5. 6 copies to be delivered
   3 to ITB, USCBP, Washington, DC
   1 to NEEMR, USCBP, Washington, DC
   2 to NEEMR, USCBP, Lorton, VA

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: EXTREME ENVIRONMENT MAINTENANCE	**2. IDENTIFICATION NO(s):** A003
3. DESCRIPTION/PURPOSE: This data item shall describe any changes to operation, storage and/or maintenance required be extremely hot of cold temperatures. Operating and storage temperature ranges shall be provided "as delivered". Operating and storage temperature ranges shall be provided for all known special handling and/or materials, such as fluids.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: this data item will describe how the NII is stored, operated and/or maintained in extreme climates.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS: The following information shall be provided in contractor format:

The Contractor shall identify all environmental conditions within the required operating environment considered extreme. The Contractor shall identify all extreme environmental maintenance tasks required for the operation of the NII systems in extreme environments. The list of tasks shall include MTTR, parts, components, procedures and systems, and they shall be provided in the Maintenance Manual. The list shall be maintained in the Documentation Package for the NII device throughout its life.

Deliverables:

1. First submission - 30 days prior to first acceptance test.

2. Review – Government has 120 days to review and comment.

3. Final - Due 60 days after receipt of comments.

4. Updates - shall be provided as changes are made to the design/configuration affecting system operation.

5. 6 copies to be delivered
   3 to ITB, USCBP, Washington, DC
   1 to NEEMR, USCBP, Washington, DC
   2 to NEEMR, USCBP, Lorton, VA

DATA ITEM DESCRIPTION

1. TITLE: HAZARDOUS MATERIALS LIST	**2. IDENTIFICATION NO(s):** A004
3. DESCRIPTION/PURPOSE: Provides a list of all hazardous materials that may be encountered during the storage, operation and/or maintenance of the NII.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: The Hazardous Materials List is used to identify special handling requirements of materials that may be encountered during the storage, operation and/or maintenance of the NII.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS: The following information shall be provided in contractor format:

The Contractor shall identify all Hazardous Materials in all maintenance tasks in the Maintenance Manual. The list shall include the material description, quantity of the material, disposal instructions, exposure risks, symptoms and treatments. The list shall be maintained in the Documentation Package for the NII device throughout its life.

Deliverables:

1. First submission - 30 days prior to first acceptance test.
2. Review – Government has 120 days to review and comment.
3. Final - Due 60 days after receipt of comments.

4. Updates - shall be provided as changes are made to the design/configuration affecting system operation.

5. 6 copies to be delivered
   3 to ITB, USCBP, Washington, DC
   1 to NEEMR, USCBP, Washington, DC
   2 to NEEMR, USCBP, Lorton, VA

DATA ITEM DESCRIPTION

1. TITLE: EQUIPMENT INSTALLATION DATA	**2. IDENTIFICATION NO(s):** A005
3. DESCRIPTION/PURPOSE: To provide design criteria required to install and use the equipment, temporarily or permanently, in existing or planned facilities. Data includes servicing (utilities), space, mounting, environmental, special facility, and safety requirements relating to a typical system installation.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: The Equipment Installation Data establishes the basic design criteria required to modify/design facilities to accommodate the new equipment. It is used during site surveys as the baseline with which unique site conditions are identified which may alter the basic design criteria.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS:

The following information shall be provided in drawing format with dimensions shown on the drawing and other information provided in a table format and shall become the property of the USCBP. As a minimum, the data shall contain and be shown under the following headings.

a. Physical Properties: Dimensions for storage and operating conditions (length, width, height, position of article under test to equipment, etc.), weight (total and footprint), and approximate center of gravity, turning diagrams (45, 90 and 100 degree turns) with shield up and down, pavement loading profile from surface to sub-grade, surface slopes (longitudinal and lateral) and roughness.

b. Space Demands: Operator, maintenance, access, peculiar to the article under test, relation to other stations or associated equipment, minimum and maximum separation permitted between related stations, storage for ancillary equipment or hazardous material, and hazard zones (noise, radiation, etc.).

c. Mounting Details: Plates, hole sizes, locating dimensions, fastener sizes and types, welding, foundations (vibration, isolation, etc.), sequence of installation, grounding, special tools, one-time use equipment (if required), interface mountings and mating information.

d. Servicing Needs: Hydraulic (fluid type, pressure, flow rate, temperature, hoses and fittings), water (pressure, flow, volume, temperature, purity and fittings), steam (pressure, flow, volume and temperature), air/vacuum (pressure, flow, volume, temperature, purity, and vapor limitations), gas (pressure, flow, volume and temperature), fuel (type and per hour usage), electric - a.c. (voltage, frequency, phase, KVA or volt amperes, 3/4 wire Y/delta connection, steady state voltage, transient voltage limitations, voltage modulation, wattage, power factor, cable length limitations,): electric - d.c. (voltage, voltage limits, amperage), communications (type - telephone (land or cellular), number of circuits, number of dedicated circuits, etc..

e. Heat dissipation of equipment.

f. Special facility requirements: (example: material security safes/vaults , radiation shields, sound attenuation, hazardous material storage, etc.)

g. Installation wiring diagram (if applicable).

h. Environmental conditions: (examples: HVAC requirements, computer cooling during winter heating, etc.).

i. Safety provisions: provisions and equipment necessary to protect personnel and equipment during operations and maintenance.

j. Safety provisions: provisions and equipment necessary to protect personnel and equipment during operations and maintenance.

Deliverables:

1. First submission - The contractor shall deliver one set of drawings and tables not later than 30 days after award of the contract.
2. Review - USCBP has 45 days to review and comment.
3. Final - 45 days after receipt of comments.
4. Updates - Contractor shall provide new drawings and tables if any changes are made to the system design/configuration, which changes the equipment installation criteria.
5. (2) sets of reproducible drawings and tables (size not to exceed 11"x17") and 2 copies in electronic media (mutually agreed format) to ITB, USCBP, Washington, D.C.
   (1) set of reproducible drawings and tables (size not to exceed 11"x17") and 1 copy in electronic media (mutually agreed format) to NEEMR, USCBP, Lorton, VA

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: MONTHLY PROGRESS REPORT	**2. IDENTIFICATION NO(s):** AOO6
3. DESCRIPTION/PURPOSE: To apprise the USCBP ITB of current events, progress to date, program hazards and action items pending.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP:	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS:

The contractor shall prepare and submit monthly progress reports detailing efforts completed during the reporting period (calendar month), percent of overall completion, estimated time to completion, and problems encountered with associated risk. The report period closes on the last calendar day of the month and is due on the 10th working day of the succeeding month. As a minimum, the report shall contain the following:

- Activity Summary
- Major Milestones
- Open Action Items
- Program Hazards
- Man-hours to schedule performance
- Major activities next month
- Cost data (quarterly)

This report shall be prepared in a narrative format suitable for reproduction.

Deliverables:

1. First submission - 10th working day of the month after contract is let.
2. USCBP has 30 days to approve format.
3. Updates - Every month on the 10th working day.
4. 6 copies to be delivered
   4 to ITB, USCBP, Washington, DC
   2 to NEEMR, USCBP, Lorton, VA

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: OPERATORS TRAINING MATERIALS	**2. IDENTIFICATION NO(s):** A007
3. DESCRIPTION/PURPOSE: The Training materials shall be designed to administer operator training to facilitate system operation and care. An operator training video shall augment operator training. In addition, a Train-the-Trainer program shall be delivered to CBP and its approved contract trainers that will certify them as qualified to instruct on the piece of equipment.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP Interdiction Technology Branch (ITB)
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: Any and all raining materials will be used for initial training as well as for follow-on performance and future new operator (attrition) training.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS:

The training material shall include, but not be limited to the following items: Training Plan Outline, Instructor Guide, Student Guide, and Operator Training Video. The Training Plan outline shall be prepared in a Government approved narrative format suitable for reproduction.

The operator training materials shall address familiarization with the equipment overall, operation and care of the system, system and radiation safety, normal and emergency systems operation, transporter handling, routine servicing, operator console operations with display recognition as well as image manipulation, interpretation and saving.

Training Plan Outline shall contain the following items: Training Objective, Outline of Course Content, Class Schedule and Duration of training in days and hours for each subject, Training Facilities Required, Prerequisites of students, and List of training devices/aids/equipment needed to support each course.

Instructor Guide shall provide detailed course technical data and information to assist the instructor in the presentation of each individual lesson included in the course. The guide is used to organize the instructor's presentation and to insure that all required topics, subtopics and related reference materials are included in the presentation of the course. The guide shall contain the following items:

- Time allotted for completion of the individual lessons in hours for classroom and practical application.
- List of all Instructional Aids (equipment and audio visual aids) necessary to conduct the lesson.
- Objective describing the behavioral actions desired, the performance conditions, and the attainment standard expected of the student upon completion of the each lesson.
- Instruction covering the planned lesson discussion content in sufficient detail to be used as the instructor's primary teaching document. The lesson material shall be presented in sufficient detail to insure thorough and complete coverage of the objective. All diagrams, text materials, audio visual aids, and other materials to be used in the presentation shall be identified adjacent to each point where they are to be utilized, for each time their utilization is planned.
- Applications causing each student to apply the lesson information to solve one or more realistic problems. This may require either mental or physical student activity; however, effort shall be made to provide for physical activity.
- Learning Measurement Tool shall be designed to check student progress and determine the extent to which the student has accomplished the objectives. This shall be done by a list of thought-provoking questions or tasks with answers covering the objectives.
- List of Instructor Activity shall be structured to enable the instructor to maintain maximum student interest and participation, adequately measure student comprehension of the subject, and provide planned summaries at strategic points within the presentation.

Student Guide is composed of a series of instruction sheets which collectively provide the student with the objectives and self help materials such as reading assignments, study questions, problems, practical application job steps, self-test items, diagram sheets and other supplementary information to assist in achieving the objectives of the course. The guide shall correlate with the training

course/curriculum outlines and related instructor's guide. The following elements shall be included:

- Information Sheets shall consist of narrative descriptions, diagrams, sketches, charts, graphs, pictures and other audiovisual material as necessary for student reference to support the information presented in the course. They may be excerpts from other documents not readily available to the students or original material prepared by the contractor. However, system technical manual information shall not be extracted unless changes are required in the material to make it more readily adaptable to the course presentation. Pictures that show previous development configurations, installations or operation and maintenance practices that are not readily demonstrated in the classroom or training area may be prepared as student information sheets when necessary to enhance the course presentations. A paper reproduction of each audiovisual aid used in the course shall be included in the student information sheets regardless of their inclusion in other documentation.
- Assignment Sheets shall contain the following parts:
- Introduction includes statement of purpose and scope of assignment.
- Objective to be accomplished by the student through completion of the assignment.
- Study assignment includes specific study instructions, identifying paragraphs, pages and publications. If there is a best sequence to study scattered portions of the text, this sequence shall be provided.
- Study questions are thought-provoking questions relative to the assignments. Questions should require mental decisions similar to those the student would make while working with the equipment.
- Job Sheets shall contain the following:
- Introduction – a brief statement of purpose, scope, and value of the job sheet, and suggested completion time.
- Objective
- References
- Equipment and materials listing
- Job steps detailing procedures for performing assigned tasks on the system/ equipment. If the job steps contained in the technical documentation are sufficiently detailed, reference shall be made to the applicable section/page.
- Precautions for personnel or equipment safety or misleading conclusions.
- Self-test items including thought-provoking questions on the performance of the job sheets. These items are to be designed as "open book" test.
- Student Workbook shall provide the student a means of applying principles learned during classroom instruction without requiring the use of actual equipment. It shall be separately bound. All activity types shall be represented at least once in the workbook.

- Diagram Sheets may range from full-blown foldout schematics and block diagrams, or flowcharts, to simple sketches or graphs. These sheets are for use during class and for follow-up review and study. These sheets shall record information such as waveforms, adjustments, purpose and function.

These handbooks, documentation, manuals, etc. shall become the property of the individual student for further on-the-job skill development after the training program.

Training Model:

Day 1 Radiation Safety	**Day 2** Classroom and Hands-On	**Day 3** Classroom and Hands-On	**Day 4** Classroom and Hands-On	**Day 5** Classroom and Hands-On
Day 6 Reinforcement / Live Stream of Commerce	**Day 7** Reinforcement / Live Stream of Commerce	**Day 8** Reinforcement / Live Stream of Commerce	**Day 9** Reinforcement / Live Stream of Commerce	**Day 10** Reinforcement / Live Stream of Commerce

Radiation Safety:

To be conducted by CBP or its approved contractor personnel

Classroom and Hands-On

2 instructors and 12 students

Includes:

- Sixteen (16) hours of image analysis, including 1 hour focused on Weapons of Mass Effect (WME)
  - This material shall **not** be available as a leave-behind for student participants
  - This material shall **not** be retained or used by the contractor for any purpose whatsoever
- One (1) hour Core Messages delivered by CBP or its approved contract personnel
- One (1) hour of NII Reporting delivered by CBP or its approved contract personnel

Reinforcement and Live Stream of Commerce:

2 instructors and **6** students (2, 5-day sessions)

- While not the norm, it may be required for the contractor trainers to conduct both reinforcement sessions over the course of one week using double shifts. In addition, every attempt will be made to schedule the two weeks of reinforcement training using back-to-back weeks, however, the contractor should be prepared to support two weeks of reinforcement training that are not serial in nature.

Includes:

- Personal Qualification Standard (PQS) checklist designed for instructor sign-off that students have successfully demonstrated image analysis and mechanics skills

Deliverables:

Products developed under prior contract with the United States Customs Service shall be used to the maximum extent possible and be written to conform to the requirements of the CBP Office of Training and Development standards. All deliverables shall be conveyed free of trademark and proprietary claim by the Contractor, and with the unlimited right of alteration, reproduction and/or distribution within the Government.

Deliverables created through the use of word processing and graphic software programs shall utilize the Microsoft Office Suite of products.

Legitimate copies of the system viewer tool in quantities sufficient to support the training mode. The image viewer software shall present the operator with responses to inputs identical to the responses provided by the operational system. Image viewer software shall operate when loaded on workstation or laptops presently in use by CBP.

Training Materials Delivery Schedule:

1a. First submission of training materials - 60 days ARO

1b. First submission of operator training video and script - Script 30 days ARO; Video 60 days ARO

2a. Review of all training materials– Government has10 days to review and comment on all reviews

2.a.1 BETA - 60 Days prior to delivery of first system

2.a.2 Pilot - at delivery of first system

2.a.3 Production 30 days after Pilot

2.a.4 Final - training materials and associated documentation due 90 days after Pilot.

2.a.5 T- 3 Course – NLT 90 days after Pilot

3. Updates - Shall be provided whenever system design changes effect training as part of an Engineering Change Procedure as required under the instant contract.

4a. 6 copies of training materials and associated documentation to be delivered
3 to ITB, USCBP, Washington, DC
1 to ETP, USCBP, Washington, DC
2 to ETP, USCBP, Lorton, VA

4b. (10) VHS copies and (1) master (BETACAM SX or SP format) video tape
1 VHS copy to be included with each delivery at the conclusion of operator training. Remaining copies (after all planned training is complete) to be sent to ETP, USCBP, Lorton, VA. Master video tape to be sent to ETP, USCBP, Lorton, VA

DATA ITEM DESCRIPTION

1. TITLE: SYSTEM USERS' MANUAL	**2. IDENTIFICATION NO(s):** A008
3. DESCRIPTION/PURPOSE: The System Users' Manual shall contain an overview of the system and step-by-step procedures for all normal and emergency procedures. The manual will be used to provide system operators a detailed understanding of equipment operation.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: The manual will be used as the primary reference guide for system operators.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS: The contractor shall provide updated System Users' Manual, as required, The System Users' Manual contains the following:

- Functional Description (Operator Level)
- System Operating Procedures
- Power Up and Power Down Procedures (including routine servicing procedures and checks)
- Safety Precautions
- Features and Functions
- Setup Requirements
- Tools and Support Equipment Listed with use instructions - include Specification Sheets for the equipment

Drawings or diagrams shall be included to demonstrate instructions and to show where items are located as necessary. All instructions shall be written so a non-technically trained can clearly understand.

Deliverables:

1. First submission - 30 days prior to first acceptance test.
2. Review – Government has 120 days to review and comment.
3. Final - Due 60 days after receipt of comments.
4. Updates - shall be provided as changes are made to the design/configuration affecting system operation.
5. 6 copies to be delivered
   3 to ITB, USCBP, Washington, DC
   1 to NEEMR, USCBP, Washington, DC
   2 to NEEMR, USCBP, Lorton, VA

DATA ITEM DESCRIPTION

1. TITLE: MAINTENANCE/SERVICE MANUAL	**2. IDENTIFICATION NO(s):** A009
3. DESCRIPTION/PURPOSE: The manual shall contain the procedures and steps necessary for an experienced technician with journeyman level skills to maintain the NII System and the contractor provided system and sub-system equipment.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: The manual will be used as the primary reference for system maintenance technicians.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS: The contractor shall provide a Maintenance/Service Manual or Manuals containing the following:

- Illustrated Parts Breakdown
- Routine Maintenance Check Lists
- Service Requirements
- Periodic Maintenance Schedule
- Alignment Procedures
- Troubleshooting and Fault Isolation Procedures down to the component, module, or lowest replaceable piece part as determined by maintenance planning analysis
- Removal and Replacement down to the level as determined by maintenance planning analysis
- Safety Precautions
- Calibration Requirements and Procedures
- Tools and Test Equipment Lists – Include specification sheets on equipment
- Tools and Test Equipment List for the Support Equipment - include Specification Sheets on the equipment

The manual shall include exploded or other appropriate drawings so that the contractor's numbering can identify parts. Vendor parts not modified shall also list the vendor and original vendors part number.
Deliverables: 1. First submission – 90 days prior to expiration of first system warranty. 2. Review – Government has 120 days to review and comment. 3. Final - due 45 days after receipt of comments. 4. Updates - Shall be provided as changes are made to the design/configuration affecting system maintenance. 5. 6 copies to be delivered 3 to ITB, USCBP, Washington, DC 1 to NEEMR, USCBP, Washington, DC 2 to NEEMR, USCBP, Lorton, VA

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: VENDOR TECHNICAL DOCUMENTATION	**2. IDENTIFICATION NO(s):** A010
3. DESCRIPTION/PURPOSE: Provide the Government with all vendor technical manuals that pertain to the item.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: Assist Government designated technicians in performance of their duties.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS:

The contractor shall provide, in vendor's format, any Vendors Technical Manuals that pertain to maintenance support of the vendor item.

Deliverables:

1. First submission - 90 days prior to expiration of first system warranty.

2. Updates - To be provided whenever the design/vendor changes.

5. 6 copies to be delivered
   3 to ITB, USCBP, Washington, DC
   1 to NEEMR, USCBP, Washington, DC
   2 to NEEMR, USCBP, Lorton, VA

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: FAILURE AND ERROR REPORT	**2. IDENTIFICATION NO(s):** AO11
3. DESCRIPTION/PURPOSE: This report shall describe the maintenance actions performed on each the NII imaging System and its associated support systems throughout the warranty period.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: This failure information will be used to update failure forecasting considered in the analytical support of the maintenance planning effort.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS: This report shall be prepared in a USCBP ITB approved contractor's narrative format.

The contractor shall prepare and submit failure and error reports summarizing all maintenance actions (corrective and scheduled) listed by NII system serial number occurring during system warranties. Each entry shall be complete with: narrative description of operational activities prior to failure or failure indication with the date and recounting of the observed failure; shutdown cause if shutdown; corrective action/actions taken; serial and part numbers of items repaired or replaced plus costs (parts and labor costing separately); hour meter reading; date repairs were completed; the NII systems homeport and actual maintenance (hands on) time the repair action required. The report shall be compiled and submitted on a monthly basis to include each system after system acceptance during its warranty period.

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

Deliverables:

1. First submissions - Shall be monthly by the 10th working day of the month.
2. Review – Government has 30 days to review and comment on format.
3. Updates - Shall be provided monthly until all warranties have expired.
4. 6 copies to be delivered
   3 to ITB, USCBP, Washington, DC
   1 to NEEMR, USCBP, Washington, DC
   2 to NEEMR, USCBP, Lorton, VA

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: QUALITY ASSURANCE PLAN	**2. IDENTIFICATION NO(s):** A012
3. DESCRIPTION/PURPOSE: To provide details of the Contractor's Quality Assurance Plan.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: The Quality Assurance Plan describes how quality is maintained.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS: The following information shall be provided in contractor format:

a. Organizational charts depicting the role and relationships of QA staff
e. Test procedures used in the QA process
f. Identify acceptable range for data collected from testing
g. Identify procedures to correct QA problems

The Quality Assurance Plan shall be delivered as part of the contractor's proposal. The Quality Assurance Plan shall be updated, annually or more often if required, during the course of the contract.

Deliverables:

1. First submission - with proposal

2. Updates - Required whenever information contained in the Project Management Plan changes or annually

DATA ITEM DESCRIPTION

1. TITLE: ACCEPTANCE TEST PLAN (ATP)	**2. IDENTIFICATION NO(s):** A013
3. DESCRIPTION/PURPOSE: The ATP constitutes an overall outline of the entire spectrum of the intended test activities. Contents shall include; test concept, objectives and requirements, subsystems and system tests, methods, elements, test equipment and responsible individuals or organizational entities associated with the project.	**4. APPROVAL DATE:** **5. OFFICE OF PRIMARY RESPONSIBILITY:** USCBP ITB **6. OFFICE OF COLLATERAL RESPONSIBILITY:**
7. APPLICATION/INTERRELATIONSHIP: The ATP will be utilized to establish testing guidelines and support requirements needed for the conduct of the test program.	**8. APPROVAL LIMITATIONS:** **9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)**
10. PREPARATION INSTRUCTIONS: The ATP shall address power up, normal operation, emergency operation, normal power down, and emergency shut down procedures along with the procedures and schedules necessary to define and control all testing activities. Subordinated plans may be used to amplify the details associated with particular functions, test locations, or test phases. Subordinate documents and plans used to implement or accomplish the test program as well as documents and forms used to record results of testing shall be included as part of the plan. This plan will present the details necessary to define each segment of the program. The ATP shall identify each element of the system, the requirements for the elements, the means/facilities to be used to demonstrate or verify the performance or completion, and the pass/fail criteria and review actions required completing the test of a particular element. Modifications to the ATP for the individual sites may be delivered in the form of update pages to the original document.	

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

Deliverables:

1. First submission - 60 days prior to any testing.
2. Review - USCBP has 30 days to review and comment.
3. Final - 5 working days prior to start of testing.
4. Updates - Required whenever changes are necessary.
5. 6 copies to be delivered
   4 to ITB, USCBP, Washington, DC
   2 to NEEMR, USCBP, Lorton, VA

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: CALIBRATION MAINTENANCE REQUIREMENT REPORT	**2. IDENTIFICATION NO(s):** A014
3. DESCRIPTION/PURPOSE: Clear instructions describing calibration and settings. Manufacturer's recommended interval for inspections, tests, calibrations and adjustments. To be used by trained personnel in accomplishing the requirements.	**4. APPROVAL DATE:** **5. OFFICE OF PRIMARY RESPONSIBILITY:** USCBP ITB **6. OFFICE OF COLLATERAL RESPONSIBILITY:**
7. APPLICATION/INTERRELATIONSHIP: To provide instruction for specific CBP personnel designated to adjust NII equipment or units. Calculate cost associated with calibration requirements.	**8. APPROVAL LIMITATIONS:** **9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)**
10. PREPARATION INSTRUCTIONS: This document shall be prepared in a contractor's format and on the vendor's letterhead. Three (3) copies shall be delivered with the first delivery of NII systems. Identify and provide data including price and vendor for the standard calibration source. These instructions will be stand-alone documents that can be used by a CBP technician in the National Enforcement Equipment Maintenance and Repair Program (NEEMR). Any equipment required to accomplish these requirements shall be initially provided to CBP NEEMR by the Contractor	

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: RADIOLOGICAL SURVEY REPORT	**2. IDENTIFICATION NO(s):** A015
3. DESCRIPTION/PURPOSE: To apprise the USCBP ITB of the radiological survey results.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP:	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS:

This report shall be prepared in a Government approved contractor's format.

The report shall include a letter certifying the system meets filing criteria.

Final report due at acceptance of system.

One copy to be delivered to ITB, USCBP, Washington, DC.

(Formerly RFP HSBP1005R0376, Amended Attachment 2)

DATA ITEM DESCRIPTION

1. TITLE: CONFIGURATION LIST	**2. IDENTIFICATION NO(s):** A016
3. DESCRIPTION/PURPOSE: Listing of all equipment replaceable components delivered in accordance with the Statement of Work.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP:	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS: Prepare in USCBP ITB approved contractor's format. The contractor shall prepare an updated "as built" equipment/configuration list for each delivery. The list shall detail any equipment differences between operating systems. The following information shall be provided for all equipment:

- Item Description
- Contractor and original vendor model numbers
- Contractor and original vendor part numbers
- Name of Manufacturer (If vendor item)
  - Address
  - Telephone Number
  - Warranty Date

Provide original suitable for reproduction and 2 copies at system acceptance. Delivery shall be concurrent with system delivery, and quarterly for the first year of operation.

DATA ITEM DESCRIPTION

1. TITLE: TECHNICAL DOCUMENTATION PACKAGE	**2. IDENTIFICATION NO(s):** A017
3. DESCRIPTION/PURPOSE: The Technical Documentation shall consist of all documentation used by the Contractor and all Sub-Contractor's in the production of the NII system and any follow-on production or modification. This shall include the Configuration List and any background or supporting documentation used to make design or production decisions.	**4. APPROVAL DATE:**
	5. OFFICE OF PRIMARY RESPONSIBILITY: USCBP ITB
	6. OFFICE OF COLLATERAL RESPONSIBILITY:
7. APPLICATION/INTERRELATIONSHIP: Data delivered to the Government will be used solely for the purpose of operation, repair, maintenance and training.	**8. APPROVAL LIMITATIONS:**
	9. REFERENCES (MANDATORY AS CITED IN BLOCK 10)

10. PREPARATION INSTRUCTIONS: The following information shall be provided in contractor format:

The Configuration Baseline is: (1) An agreed-to description of the attributes of a product, at a point in time, which serves as a basis for defining change. (2) An approved and released document, or a set of documents, each of a specific revision; the purpose of which is to provide a defined basis for managing change. (3) The currently approved and released configuration documentation. (4) A released set of files comprising a software version and associated configuration documentation. A Configuration Baseline shall be established and maintained for the NII system by the Contractor. All NII units delivered within a production lot shall be identical and conform to the Configuration Baseline. The Configuration Baseline shall be incorporated into the Technical Documentation and maintained by the Contractor beyond the specified life of the NII system. The Government shall have full access to all Configuration Baseline documentation for the purposes of maintaining and upgrading the NII system. Data initially produced under this contract shall be

conveyed to Government free of proprietary claim. Data produced prior to this contract shall be conveyed assigning to the Government and its agent the right to use and copy the material solely for the purpose of repair maintenance and training.

Management of the Technical Documentation

The Contractor shall maintain a Technical Documentation file at the contractor's point of manufacture, which contains all relevant data for the design and production of the NII system produced under this contract. Management of this data shall be in accordance with the CBP Configuration Management Plan.

Engineering Change Proposals (ECPs)

The Contractor is encouraged to pursue continuous improvement to the delivered product, particularly in the areas of cost and reliability. Engineering Change Proposals (ECPs) are provided for within this contract and their use is strongly supported. ECPs are proposals to enhance the value of the finished goods or services to the Government or reduce the cost of the good or services. All ECPs submitted shall be incorporated into the Technical Documentation package. ECPs that are approved shall be incorporated into the Configuration Baseline. All ECPs shall be submitted in accordance with the Engineering Changes clause of this contract. ECPs will be processed in accordance with CBP's Configuration Management Plan.

Deliverables:

1. First submission - 60 days prior to any testing.
2. Review - USCBP has 30 days to review and comment.
3. Final - 5 working days prior to start of testing.
4. Updates - Required whenever changes are necessary.
5. 6 copies to be delivered
   4 to ITB, USCBP, Washington, DC
   2 to NEEMR, USCBP, Lorton, VA