

X-RAY PACKAGE & PERSONAL EFFECTS SCANNING UNIT

I. SCOPE OF WORK:

- A. Work shall consist of providing all materials, labor, supervision, tools, equipment, and incidentals necessary to furnish, install (set-up only without a requirement for a Contractor's License), provide training, and render operational an X-ray "Package Type" Scanning Unit (on wheels).
- B. The X-ray Scanning Unit shall be new and of current technology.
- C. The purpose of the Unit is to inspect belongings such as briefcases, notebooks, cameras, purses, boxes, and mail.
- D. All materials and equipment shall meet these specifications, the Virginia Uniform Statewide Building Codes, Virginia OSHA Standards, and shall be certified to comply with Federal Regulation 21 CFR 1020.40 Cabinet X-ray Systems.
- E. The Contractor shall perform the described work in accordance with the manufacturer's recommendations and these Specifications. The Contractor shall provide all incidental items necessary to provide a completely operational system. All debris shall be picked-up and lawfully disposed of off State property at the conclusion of each work day.
- F. Any damage to existing utilities, equipment, or finished surfaces resulting from this installation shall be repaired to the Agency Representatives' satisfaction by the Contractor at the Contractor's expense.
- G. At the conclusion of the work, the Contractor shall demonstrate to the Agency's Representative that the work is fully operational and in compliance with these specifications and codes. Any deficiencies shall be promptly and permanently corrected by the Contractor at the Contractor's sole expense prior to final acceptance of the work.

II. BIDDER INSTRUCTIONS:

- A. The following specifications are intended to define the level of quality and performance of the requested work and not to be restrictive by manufacturer, brand, method of configuring a system, and method of accomplishing required functions, unless otherwise indicated. As a result, any requirements and specification characteristics of referenced equipment not detailed in this solicitation will not be used as a basis for finding a bid non-responsive.
- B. Bidders shall:
 - 1. Annotate and return these specification pages (not scanned or regenerated pages) to show compliance even if offering the referenced equipment.

	<p>levels, with the Step Wedge detailed in ASTM Standard F792-88, Standard Practice for Design and Use of Ionizing Radiation Equipment for the Detection of Items Prohibited in Controlled Access Areas,</p>	
7.	<p>with the unit also capable of imaging number 38 AWG solid copper wire, but not with the ASTM Step Wedge (the smallest diameter wire gage on the Step Wedge is 30 AWG),</p>	
8.	<p>with the unit capable of penetrating 4 mm of steel,</p>	
9.	<p>with the conveyor belt constructed of reinforced textile material without the use of metal clamps or metal staples,</p>	
10.	<p>with a solid partition between the conveyor belt and the electronic components to prevent water or other debris from dropping onto these components,</p>	
11.	<p>with a conveyor speed of at least 35 feet per minute,</p>	
12.	<p>with forward and reverse directions controlled by the operator,</p>	
13.	<p>with a stop motion operation with a guaranteed continuous screen image,</p>	
14.	<p>with the entry and exit portion of the conveyor having a shielded cover extending the full length of the entry and exit portion of the conveyor to prevent a person from placing their arm into the primary x-ray beam,</p>	
15.	<p>with the unit safe for International Organization for Standards (ISO) 1600 speed photographic film,</p>	
16.	<p>with the unit of state-of-the-art digital imaging type technology, with a contrast sensitivity of at least 20 gray levels visible as measured with the ASTM Step</p>	

schematics, component views, and parts lists on all products offered. These manuals shall include a copy of all warranties.

- V. **TRAINING:** The Contractor shall provide a four hour "hands on" on-the job type equipment operation training session at the installation location. This session shall occur after installation but prior to final acceptance of the work and shall cover all User operated equipment installed. The Agency representative will provide any routine training aids required (overhead projectors, slide projectors, and/or VHS video playback equipment). The Contractor shall provide training manuals for up to 12 individuals at each session. The Contractor shall provide one follow-up training session after three months at the installation location. The Agency reserves the right to video tape the training sessions for use by the using Agency.

Bidders shall provide a price for the following:

1. Price for additional follow-up training: \$ _____
2. Bidders may offer video training tapes as an option: \$ _____

- VI. **WARRANTY:** The Contractor shall provide a warranty for the entire work against defective materials, workmanship, and performance, excluding vandalism, for two years (which may be one year of complete warranty plus one year of complete maintenance and preventive maintenance) from the date of acceptance of the work. The Contractor hereby agrees to furnish without cost to the Commonwealth of Virginia, all labor, materials, and transportation both ways for replacement of all parts and materials that are found defective during the warranty period. Warranty response (call back to a call for service) shall be made within 4 hours. Warranty repairs shall be made within two calendar days after notification. Repair parts shall be readily available for at least 5 years following the date of acceptance.

Bidders shall also provide the following information:

1. Price for 3rd year complete maintenance: \$ _____
2. Price for 3rd year preventative maintenance: \$ _____
3. Price of non-warranty travel: \$ _____
4. Price of non-warranty labor: \$ _____
5. The origin of service location: _____
6. The number of service representatives available at the service location: ____
7. Response time for a service call: _____