

# **Bedford County Department of Finance**

**200 Dover Street, Suite 102  
Shelbyville, TN 37160  
(931) 685-2024 FAX (931) 680-1029**

## **Request for Proposal**

### **Full Body Scanners Bid No. 24-31**

The Bedford County Department of Finance is requesting proposals on Full Body Scanners. Sealed bids will be received until **2:00 p.m., Thursday, December 14, 2023**, in the office of the Bedford County Department of Finance and will be opened publicly at that time. The Department of Finance reserves the right to reject any and all bids and waive any irregularities for the purpose of ensuring the award given is in the best interest of Bedford County. Any bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.

## GENERAL BID TERMS AND CONDITIONS

Proposals from all responsible bidders will be considered. To qualify as a responsible bidder, the proposal submitted must:

1. **Meet or exceed the minimum requirements specified.**
2. **Furnish all documents requested by the representative of the Bedford County Department of Finance prior to and following the bid opening.**
3. **Submit their completed bid prior to the bid opening date and time.**
4. **Have bid name and bid number placed on the outside lower left corner of the sealed envelope containing the bid form. (Facsimile bids will not be considered.)**

### Award

A purchase order from the Bedford County Department of Finance will be issued to the successful bidder acknowledging the award. A copy of these terms and conditions, specifications and the vendors' proposal form will become a part of the purchase order.

Prospective bidders may contact Ronald Prince, Bedford County Sheriff Department, at 931-684-4566, ext. 2633, for any questions as to the specifications of the bid.

Lowest and/or best bid will be awarded.

### Other Considerations

Bedford County Department of Finance reserves the right to purchase only those bid items and quantities that conform to overall budgetary, functional, and performance constraints.

The terms of this bid will be extended to other local government agencies, other municipalities, and Boards of Education. Bedford County is responsible only for purchases made and received by Bedford County.

Bedford County of Tennessee ensures compliance with Title VI of the Civil Rights Act of 1964; 49 CFR, part 26; related statutes and regulations to the end that no person shall be excluded from participation in or be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance from the U.S. Department of Transportation on the grounds of race, color, sex or national origin.

## INSTRUCTION TO BIDDERS

All Proposals are to be made on the Proposal Form provided. **Bids must be delivered in hand or by a mail service in a sealed envelope marked on the outside lower left corner, Bid No. 24-31 Full Body Scanners.** Bids will be received and opened at **2:00 p.m., Thursday, December 14, 2023.** **Any bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.**

**Proposals shall be made upon Proposal Forms prepared by the Department of Finance.** All Proposals are to be made complete in every detail as required and called for by said Proposal Form. Proposals that are incomplete, conditional contain irregularities of any kind, or which are not in accord with the Instructions to Bidders and Proposal Form furnished by the Department of Finance may be rejected as informal.

The submission of a proposal will signify that the Bidder has thoroughly familiarized himself with all conditions and that he fully understands what will be expected of the successful bidder.

The Department of Finance reserves the right to accept or reject in whole or in part any or all proposals submitted, without liability whatsoever, and waive informalities therein, if deemed by the Department of Finance in their best interest to do so.

## SPECIFICATIONS

- Vertically moving 160Kv Monoblock Oil Cooled Generator to ensure best image proportions and clarity. Fixed beam scanners will not be accepted.
- X-ray scan results to see inside the body. Millimeter wave, backscatter or package scanner technology is not acceptable.
- 34"W x 72"L x 90"H (79"H top removed) dimensions for ease of install and for facilities with limited space
- 4 Second Scan Time
- Subject stands in fixed position while being scanned- Must not be transported via platform or conveyor belt
- Embedded Thermal scanner to capture and record body temperature of subject. The Thermal scanner must be FDA approved for accuracy. Recorded temperature must become part of the scan report.
- Selectable variable Scanning Dose from .25uSv to 8.0uSv
- Three image contrast styles including – 3D, Hi RES, and DETAIL
- Scans Posterior to Anterior in accordance with ANSI/HPS N43-17-2009 Radiation Safety Standard
- Designed, manufactured and supported in the USA
- Tethered portable work station with 27" vertically mounted touch screen monitor
- PC with Windows 10 Operating System
- Transportable on heavy duty casters with stabilizer feet.
- 16 Million Gray Scale Levels.
- Scan Rate 180 persons per hour
- Operator and Bystander Radiation exclusion Zone equal to the footprint of the unit 34" x 72".
- HARD DRIVE, 1TB 2.5 SATA, 5400 RPM x 2Ea for RAID 1 million images
- Photo Image taken on subject and embedded on .jpg file for evidentiary purposes
- Quick upload of subject data base from text comma delimited file
- Quick upload of user data base from text comma delimited file
- System weight not to exceed 720 lbs
- Load Capacity for subjects = 600lbs
- Power requirements 110V/15A
- Installation time as low as less than 3 hrs with one service engineer
- System must utilize safety sensors or similar to assure that the subject is standing in the correct position while being scanned in order to minimize radiation dose as per ANSI/HPS N43.17-2009 and obtain best image quality and to eliminate the risk of inadvertent scans
- MINI ITX Industrial Motherboard w/ Intel Core i5-6500 3.3 GHz Processor

**PROPOSAL FORM**

**TO: Bedford County Department of Finance  
200 Dover Street, Suite 102  
Shelbyville, Tennessee 37160**

**RE: Bid No. 24-31**

Gentlemen:

Having examined the specifications for Full Body Scanners, we (I) submit the following proposal:

Total Bid Price                      \$ \_\_\_\_\_

**Company Name:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_  
\_\_\_\_\_

**Signature and title of bidder:** \_\_\_\_\_

**Telephone Number:** \_\_\_\_\_

**Email:** \_\_\_\_\_