

# Equipment Specifications

## Bone Densitometer

VISN 10/Northern Indiana Healthcare System

610-B94048

### A. REQUIREMENT OVERVIEW

The VA Northern Indiana Healthcare System requires one (1) bone densitometer. This unit will be installed in Room 215, Building 138 of the Marion, Indiana campus at 1700 E 38<sup>th</sup> St. Equipment UMDSN code is 17747.

Facility	Quantity
Marion, IN	1

### B. TECHNICAL REQUIREMENTS

#### 1. Unit physical specifications

a. Minimum scan time at 1% CV for whole body [s]	143
b. Minimum scan time at 1% CV for AP spine [s]	10
c. Minimum scan time at 1% CV for lateral spine [s]	120
d. Minimum scan time at 1% CV for forearm [s]	30
e. Minimum patient weight limit [lbs]	350
f. Maximum table height from floor [in]	56
g. Minimum monitor size [in]	18
h. Minimum hard drive storage [GB]	250
i. Maximum system weight [kg]	400
j. Minimum active scan area [cm]	195 x 65

#### 2. Additional specifications

<input checked="" type="checkbox"/>	a. Fan beam system
<input checked="" type="checkbox"/>	b. Daily calibrations – automatic daily QC or self-calibrating
<input checked="" type="checkbox"/>	c. Integrated dose reporting/structured reporting
<input checked="" type="checkbox"/>	d. Mobile cart/desk
<input checked="" type="checkbox"/>	e. Workstation UPS
<input checked="" type="checkbox"/>	f. Color printer
<input checked="" type="checkbox"/>	g. Standard report to reflect normal T-score and Z-score values based on World Health Organization criteria in addition to the NHANES and reference data
<input checked="" type="checkbox"/>	h. Customizable standard report (format, color, layout, etc.)



<input checked="" type="checkbox"/>	i. Auto-generated reports with acquired data
<input checked="" type="checkbox"/>	j. Minimum Windows 7 operating system or non-Windows
<input checked="" type="checkbox"/>	k. Phantom, if required for daily calibration/QC
<input checked="" type="checkbox"/>	l. Capable of relaying results and performing analysis off of the network
<input checked="" type="checkbox"/>	m. Positioning – auto centering, crosshair laser, computer-aided repositioning

3. Migration Requirements

<input checked="" type="checkbox"/>	a. Migration of all current studies from existing bone densitometer equipment (Migration must be performed and completed on-site to ensure information security regulations are met.) Approximately 586 studies with hard drive capacity of 465GB.
<input checked="" type="checkbox"/>	b. Project management support

4. Security/Connectivity Requirements

<input checked="" type="checkbox"/>	a. OEM-supported operating system
<input checked="" type="checkbox"/>	b. Latest DICOM print, store, commit, radiation dose structured report (RDSR), and modality worklist
<input checked="" type="checkbox"/>	c. HL7 integration (HIS/RIS)
<input checked="" type="checkbox"/>	d. Encrypted hard drive
<input checked="" type="checkbox"/>	e. PACS compatibility – Philips Healthcare IntelliSpace PACS Enterprise 4.4.543.x

5. Added Value

Specifications listed below are not required, but preferred. Vendors who do not include the below specifications in the submitted offer will not be docked or excluded from consideration. Specifications listed below will be evaluated based on added value.

<input checked="" type="checkbox"/>	a. Additional year(s) of warranty
<input checked="" type="checkbox"/>	b. Post-warranty remote diagnostic service program
<input checked="" type="checkbox"/>	c. Version/platform long-range plan
<input checked="" type="checkbox"/>	d. Greater scanner table weight limit
<input checked="" type="checkbox"/>	e. De-installation of trade-in
<input checked="" type="checkbox"/>	f. Automatic Pass/Fail quality control
<input checked="" type="checkbox"/>	g. Windows 10 operating system
<input checked="" type="checkbox"/>	h. On-site follow-up clinical applications training for 5 technologists once technologists have hands-on experience with the system
<input checked="" type="checkbox"/>	i. Technologists who complete the clinical applications training receive continuing education credits (CMEs).



## C. TRAINING REQUIREMENTS

### 1. Clinical Training

<input checked="" type="checkbox"/>	a. 16 hours on-site clinical applications training for 5 technologists during go-live
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### 2. Biomedical Technician Training

Off-site technical training will not be purchased at the time of award. Vendors must demonstrate that they can provide any required off-site training listed above, therefore off-site training should be quoted as an optional item. Travel for VA employees is not authorized under the HTME contracts. In no case should any training include expenses for travel or travel for VA personnel at no cost.

<input checked="" type="checkbox"/>	a. Biomedical technician training package (to include tuition)
<input checked="" type="checkbox"/>	b. Biomedical technician training shall include any prerequisites required prior to the training and shall be equivalent to the training received by OEM field service representatives.
<input checked="" type="checkbox"/>	c. Technicians shall be given all service manuals, schematics, diagrams, diagnostic software, other special tools, and keys equivalent to what OEM field service representatives have available to diagnose, troubleshoot, repair, and maintain the equipment.

## D. SERVICE REQUIREMENTS

1. VPN/Remote Access – The vendor shall provide any and all equipment service programs, such as remote diagnostics, during the warranty period. The vendor shall provide post-warranty remote diagnostic service program as an “Add Option” with the offer. The system shall provide vendor remote diagnostics via VPN. The vendor shall either utilize the VA national site-to-site VPN or work with the Office of Cyber and Information Security and the VAMC Information Systems Security Officer to establish a client-based VPN.
2. Service and Operator Manuals – The vendor shall provide the following documentation for the proposed systems:
  - a. Two (2) copies of operator instruction manuals (one (1) electronic and one (1) physical copy)
  - b. Two (2) copies of a service manuals (one (1) electronic and one (1) physical copy)
3. Minimum Warranty – The system and accessories shall be covered under the manufacturer’s warranty and shall include all parts and labor for one year following acceptance by the VAMC. This warranty must include PMs as required by the manufacturer. The manufacturer’s factory-trained field service representatives shall perform installation and maintenance during the warranty period.

Vendors are encouraged to include any offerings for service, warranty, and training that may exceed the requirements with their proposals. Vendors who do not include any added value offerings for service, warranty, and training will not be docked or excluded from consideration. However, any such offerings will be evaluated based on added value.

## E. OTHER INFORMATION/DOCUMENTATION REQUESTED

1. Product brochures



2. Technical specification sheets, to include dimensions and weight of the system
3. DICOM Conformance Statement
4. IHE integration statement
5. FIPS 140-2 certification
6. Completed pre-procurement assessment form (6550)
7. Completed MDS2 form
8. Detailed information about the curriculum and length of the biomedical technical training
9. Details on any off-site training offered for technologists
10. Information about your company's support structure during the warranty period
  - a. Describe on-line or telephonic applications support and availability (include third party coverage)
  - b. Provide a listing of field service engineer locations and availability
  - c. Provide a listing of part depots
11. Information about your company's support options following the warranty period, including a description of on-line or telephonic applications support and availability
12. Information on any FDA safety recalls associated with the proposed equipment

## F. TRADE-IN

<input checked="" type="checkbox"/>	a. In instances where sanitization of ePHI compromises the OS and/or application software, or requires the removal of internal storage media, the vendor accepts the equipment "as is" and can elect at their own discretion to contract with the original equipment manufacturer (OEM) to restore the system.
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The following equipment is available for trade-in. Please reflect any credits provided for trade-in equipment in the proposal.

Station	610: Marion, Indiana
Manufacturer	Hologic Inc.
Model	Discovery SL
EE/Asset Number	EE31623/MX512107
Serial Number	84001

