

Equipment Specifications

Gamma Camera Scanning System

[VISN 5/Baltimore VAMC]

[512-B91006]

A. REQUIREMENT OVERVIEW

The Baltimore VA is requesting a dedicated cardiac nuclear medicine camera with solid state detectors and CZT crystal.

Facility	Quantity
Baltimore VA Medical Center	1

B. TECHNICAL REQUIREMENTS

1. Unit physical specifications

a. Number of detectors	9
b. Intrinsic spatial resolution (measured in full-width at half-maximum) [mm]	5.0mm @ 15cm
c. Extrinsic energy resolution at 140 keV (FWHM) [%]	<=6.2%
d. Minimum useful field of view [in x in]	15.74 x 3.94 cm (6.2 x 1.6 in)
e. Energy range [keV]	40 - 170 keV
f. Minimum workstation monitor size [in]	24in
g. Minimum workstation hard drive space [GB]	500
h. Maximum system dimensions [cm]	216 cm x 173 cm x 190 cm
i. Maximum system weight [kg]	670 kg
j. Maximum patient weight [kg]	246 kg

2. Additional specifications

<input checked="" type="checkbox"/>	a. Digital detector
<input checked="" type="checkbox"/>	b. Dynamic Coronary Flow Protocol
<input checked="" type="checkbox"/>	c. Simultaneous Dual Isotope
<input checked="" type="checkbox"/>	d. Operator workstation
<input checked="" type="checkbox"/>	e. Processing workstation with reconstruction software
<input checked="" type="checkbox"/>	f. Open Gantry
<input checked="" type="checkbox"/>	g. Variable patient position (Upright to supine)



<input checked="" type="checkbox"/>	h. Acquisition QC tools
<input checked="" type="checkbox"/>	i. Daily QC application software

3. Processing workstation software applications

<input checked="" type="checkbox"/>	a. Minimum number of processing workstations	1
<input checked="" type="checkbox"/>	b. Minimum processing workstation monitor size [in]	24in
<input checked="" type="checkbox"/>	c. Minimum processing workstation hard drive space [GB]	500 GB

4. Clinical applications

<input checked="" type="checkbox"/>	a. Cardiac
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5. Security/Connectivity Requirements

<input checked="" type="checkbox"/>	a. OEM-supported operating system
<input checked="" type="checkbox"/>	b. Latest DICOM print, store, commit, and modality worklist
<input checked="" type="checkbox"/>	c. Encrypted hard drive
<input checked="" type="checkbox"/>	d. PACS compatibility – [Change Healthcare (McKesson)]

6. 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
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C. TRAINING REQUIREMENTS

1. Clinical Training

<input checked="" type="checkbox"/>	a. On-site clinical applications training for [5] technologists during go-live
<input checked="" type="checkbox"/>	b. On-site clinical applications training for [4] physicians during go-live
<input checked="" type="checkbox"/>	c. Technologists who complete the clinical applications training shall receive continuing education credits (CMEs).
<input checked="" type="checkbox"/>	d. Vendors shall be responsible for accommodating different personnel shifts for clinical applications training during go-live.

2. Biomedical Technician Training



Please reference the “Instructions to Offers” section 2.8.g for further information about the type of information to provide by equipment type not by specific request. Please also reference the “Instructions to Offers” section 7.3.3. for response format.

Technical training information to include detailed information about the curriculum and length of the biomedical technical training required for each equipment type.

Although the NAC will not award this training along with the equipment, it is imperative that the customer is informed that this training is available. Vendors must demonstrate that they can provide any required off-site training, therefore off-site training should be quoted as an optional item. Off-site training will be purchased at the time of need via a modification (if the original order remains open) or via a separate order. No travel expenses for any VA employees will be included in any HTME equipment or training order.

D. SERVICE REQUIREMENTS

1. 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)

*Vendors can include the physical copy as a priced line item in their quote as applicable.
2. 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 minimum requirements, to include information on their service support structure during and after the warranty period. 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

Please reference the “Instructions to Offers” section 2.8a-h for further information about the type of information to provide by equipment type not by specific request. Please also reference the “Instructions to Offers” section 7.3.3. for response format.

1. Completed pre-procurement assessment form (6550 Appendix A)
2. Completed Manufacture Disclosure Statement for Medical Device Security (MDS2) form
3. Product brochures
4. Technical specification sheets, to include dimensions and weight of the system
5. Typical drawings (pdf version of the CAD drawings)
6. Technical training- Biomedical: information to include detailed information about the curriculum and length of the biomedical technical training required for each equipment type.
 - Although the NAC will not award this training along with the equipment, it is imperative that the customer is informed that this training is available. Vendors must demonstrate that they can provide any required off-site training, therefore off-site training should be quoted as an optional



item. Off-site training will be purchased at the time of need via a modification (if the original order remains open) or via a separate order. No travel expenses for any VA employees will be included in any HTME equipment or training order.

7. Support information to include your company's support structure during and after the warranty period
- On-line or telephonic applications support and availability (include third party coverage)
 - A listing of field service engineer locations and availability
 - A listing of part depots

F. TRADE-IN

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| <input checked="" type="checkbox"/> | a. VA has no trade-in units to offer. |
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