REQUESTING SERVICE: IMAGING SVC/MARTINSBURG
SHIP TO: SUPPLY WAREHOUSE
V.A. Medical Center
510 BUTLER AVENUE
BLDG 500, ROOM GD100
MARTINSBURG, WV 25405

REQUISITION: 613-B81007

Martinsburg Veterans Affairs Medical Center

Minimum Requirements for an Ultrasound

The Martinsburg VA Medical Center has a requirement for a SCANNING SYSTEMS: ULTRASONIC. The unit will be used in Surgical Service and Imaging Service for the following clinical applications: diagnostic imaging, general imaging, vascular imaging, gender-specific ultrasonography, biopsies.

Technical Requirements

The ultrasound shall include intracavity probes that have an appropriate process for disinfection and sterilization.

The ultrasound shall include shear wave technology and the necessary components/parts/probes.

The ultrasound shall have volume navigation.

The ultrasound shall include probes and features to perform elastography.

The ultrasound shall include probes and features to perform 3D studies.

The equipment shall have capabilities to connect to wireless internet, along with FIPS compliance documentation.

The unit shall have a monitor with a minimum size of 21 inches.

The unit shall have an LED touch-screen monitor with a minimum size of 10 inches.

The ultrasound shall have a minimum of four active transducer ports.

The ultrasound shall have the ability to make a worklist when it is not connected to the network or requiring an order.

The operating system of the unit shall be Windows 7 or above.

The unit shall contain features that allow it to be transported easily; the screen shall rotate, the control panel and monitor shall have upward and downward movement, etc.

The battery life shall have a minimum of 30 minutes of run-time.

The system shall come with a black and white printer.

Preferred Options:

- Differential tissue harmonic imaging
- Larger screen sizes
- Superb micro-vascular imaging
- 4D capability

Transducers/Probes

The system shall include the following probe types or comparable:

1. Linear Array Probe (Qty of 1)
2. Matrix Linear Array Probe (Qty of 1)
3. Microconvex Array Probe (Qty of 1)
4. Matrix Phased Array Probe (Qty of 1)
5. Intraoperative/hockey stick Probe (Qty of 3)
6. Real Time 3D/4D Convex Array Probe (Qty of 1)
7. Real Time 3D/4D Microconvex Probe (Qty of 1)

INSTALLATION

1. Full installation of the ultrasound is required
2. The contractor shall configure the system to meet the needs of the medical center
3. The contractor shall set up the ultrasound to go on the VA wireless internet
4. The contractor shall set up the ultrasound to send images to McKesson PACS, and to VistA Imaging. The contractor shall set up the ultrasound with VistA Imaging Modality Worklist.

WARRANTY

1. Minimum warranty of 1 year starting from post-installation
2. Extended warranty preferred

TRAINING

1. Training shall be on-site
2. Clinical applications shall be held during go-live (minimum of two days, 8 hours each day)
3. Training shall be for the technologists and the physicians

MANUALS

1. The vendor shall provide two complete and unabridged sets of operator manuals, service manuals, electronic schematics, troubleshooting guides and parts lists for each piece of equipment purchased. Additionally, any upgrades to these documents shall be provided at no additional cost. These manuals will include all components and subassemblies, including those not manufactured by the vendor. These manuals and documentation shall be identical to the ones supplied to the manufacturer's service representatives and shall contain the diagnostic codes, commands, and passwords utilized in maintenance, repair and calibration of the equipment.

Proposal Inclusion Requirements

1. VA Directive 6550 and MDS2 forms completely filled in.
2. DICOM Conformance Statement
3. FIPS- Compliance

4. Information about company support structure during the warranty period (i.e. a listing of Field Service Engineer locations and availability, support 800 phone number(s), remote support, etc.)
5. Specifications for the ultrasound to include physical dimensions, resolution, etc.