

**Functional Requirements for Emergency Department Point of Care Ultrasound
for Minneapolis VA Healthcare System (Station 618)
Obligation Number 618-B69061**

This ultrasound will be used for the following clinical applications: Superficial: foreign body and abscess identification and I&D, Abdomen: FAST examine, Musculoskeletal: tendon and joint rupture, hematoma evaluation, Vascular: vessel occlusion evaluation, Cardiac: LV function, structural evaluation, Pulmonary: pneumo and hydrothorax evaluation, and needle guidance: line placement.

Technical Requirements:

1. Minimum monitor size of 12 inches
2. Minimum scan depth of 6 cm with linear probe
3. Scanning Modes
 - a. 2D
 - b. M-Mode
4. Color Power Doppler
5. Continuous and pulse wave Doppler
6. Automatic Image Optimization
7. Tissue Harmonic Imaging (THI)
8. Digital calipers
9. Integrated system on wheeled cart
10. Minimum of 3 transducer ports
11. Sealed keyboard
12. Customizable soft keys
13. Programmable keyboard buttons

Transducers/ Probe Types

1. Linear 13-6 MHz
2. Curved 5-2 MHz
3. Cardiac 5-1 MHz

Support and other Documentation to Provide:

1. Provide DICOM Conformance Statement
2. Provide completed Pre-procurement Assessment form (6550)
3. Provide information about your companies 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.). Warranty Period shall be a minimum of 1 year – part and labor. Contractor shall provide a hard copy of the warranty with the product.
4. Please provide version/platform long-range plan
5. Provide 2 Copies Product Service Manuals (1 Hard Copy and 1 Digital Copy)

Training

1. On-site
 - a. Clinical applications – minimum of 2 days (8 hours each day)
 - b. Training should include both technologists and physicians

Trade-in: Option 1 - All hard drives containing ePHI will be retained by the VA.

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