

**Functional Requirements for PM&R Ultrasound  
For Minneapolis VA Healthcare System (Station 618)  
Obligation Number 618-B59018**

*This ultrasound will be used for the following clinical applications: Needle injections, Musculoskeletal exams, Interventional exams.*

Technical Requirements:

1. Minimum monitor size of 15 inches
2. Mobile cart
3. Three active transducer ports
4. One button image optimization
5. Needle guidance
6. Scanning modes
  - a. 2D
  - b. M-Mode
  - c. Color flow
  - d. PW Doppler
7. Image storage
8. Programmable protocols
9. Digital calipers

Transducers/ Probe Types

- a. Linear transducer 5-13MHz
- b. Convex transducer 1.5-4.6MHz
- c. Linear transducer 8-18 MHz "hockey stick" for vascular and small parts

Support and other Documentation to Provide:

1. Provide DICOM Conformance Statement
2. Provide completed Pre-procurement Assessment form (6550) and MDS2 document
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 1 day (8 hours)
  - b. Training should include both Technologists and Physicians

Trade-in: NONE