

**Functional Requirements for Interventional Radiology Small Form Factor Ultrasound  
Iowa City VA Healthcare System (Station 636A8) Requisition Number 618-B69088**

*This ultrasound will be used for Interventional Radiology procedures*

Technical Requirements:

1. Minimum monitor size of 15 inches
2. Minimum of 3 active transducer ports
3. Scanning Modes
  - a. 2D
  - b. M-Mode
4. Color Flow 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. DICOM Send/Storage Commitment/Worklist
11. Needle Visualization
12. Radiology and Vascular analysis package
13. B/W Printer
14. Programmable keyboard buttons
15. Supported Operating System

Transducers/ Probe Types

1. Linear
2. Curved Broadband

*Each vendor is to respond with transducers that meet the criteria listed above. Please include all other transducers offered by your company in the optional section on the quotes.*

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. Provide 2 Copies Product Service Manuals (1 Hard Copy and 1 Digital Copy)

Training

1. On-site
  - a. Clinical applications – minimum of 2 days (4 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.

Manufacturer: Philips

Model: CX50 Acq. Year: 3/24/2011

S/N: SG11101559 EE# 3003612