

Capital Equipment Specifications
High-end Multislice CT scanner – Central Iowa Des Moines VAMC – 618-B39026

VISN 23 is requesting 2 High-end Multislice CT scanners that can deliver the best imaging at the lowest possible dose. This request is for one CT scanner to be located at the Central Iowa Des Moines VA - order number 618-B39026.

Technical Requirements

1. 360 Degree rotation \leq .35 sec
2. Minimum number of samples per rotation (images, slices) \geq 256
3. Display CTDIvol (dose) before scan
4. Display DLP (dose) after exposure
5. Automated ma regulation
6. Retrospective Gated ECG Scan
7. ECG Triggered scanning
8. ECG Monitor
9. Contrast timed injections (bolus chase)
10. Medrad/Bayer Contrast Injector – Ceiling Mounted
11. 50cm Full Field Scan
12. Patient weight capacity \geq 440lb encourage to submit bids with highest wait support
13. Reconstruction of images $<$ 24 per second
14. Dual Energy Scanning
15. HL7 integration (HIS/RIS)
16. DICOM and IHE- Q/R, MWM, STORAGE COMMIT SCU, MPPS; and See Below
17. Power conditioning as recommended by CT Scanner provider
18. UPS (designed to cover the time required to switch to Emergency Power)

Advanced Applications

1. CT Fluoroscopy
2. CT Perfusion
3. CT Cardiac
4. Integration to 3rd party Advanced Visualization System

Training

Technologist Training:

1. Initial Onsite Applications Training (minimum 4 days) – to be used 1 week prior to Go-Live for technologists
2. Go-Live onsite Applications Training (minimum 4 days) – to be used for technologists
3. Follow-up Onsite Applications Training (minimum 2 days) – to be used with the first 9 months from Go-Live for technologists
4. Offsite Training – for four Radiology technologists
5. Offsite Training Travel Package – for four Radiology technologists (Lodging/Meals/Transportation)

Physician Training:

1. Go-Live onsite Applications Training (minimum 4 days) – to be used for Physicians
2. Follow-up Onsite Applications (minimum 4 days) – to be used with the first 9 months from Go-Live for Physicians
3. Offsite Training – for two Physicians
4. Offsite Training Travel Package – for two Physicians (Lodging/Meals/Transportation)

Technical Training:

1. Technical Biomedical Engineering Training
2. Technical Biomedical Engineering Training Travel Package (Lodging/Meals/Transportation)

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 company's applications and technical 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.)
4. Provide information about your company's applications and technical support structure during after the warranty period (i.e. a listing of Field Service Engineer locations and availability, support 800 phone number(s), remote support, etc.)

Trade-in

Option 1

Manufacturer: Philips

Model: Brilliance 64

EE: 2977043

S/N: 13191

Acquisition Date: 1/24/2008