

VAMC LOS ANGELES, CA
PO#: 691-B60031
TRADE-IN:
EE#108046
SIEMENS MEDICAL
Model#: SOMATOM SENSATION 64 SL
SN: 54629
ACQ DATE: Mar 19,2006

Capital Equipment Specifications

CT SCANNER-VA GLA

Minimum Technical Requirements

- Gantry aperture $\geq 78\text{cm}$
- 360° Rotation $\leq .275$ seconds
- Sample Slices per Rotation ≥ 320
- Dual Energy System
- $\geq 100\text{kW}$ Generator
- Display CTDI value before scan
- Display DLP value after exposure
- Automatic mA and Tube current Modulation
- Comprehensive Dose Management and Low Dose Scanning Ability
- Iterative Reconstruction
- Retrospective and Prospective Cardiac Gating w/ ECG Display @ Gantry
- Bolus Tracking w/ ROI triggering
- Metal Artifact Reduction Algorithm INCLUDING Retrospective/Iterative Functions
- DICOM/PACS Compatibility
- HIS/RIS Compatibility
- Programmable Protocols with Automatic Reconstruction and Image Transmission
- Scanner shall provide the ability for the user to independently operate the table, gantry, and CT fluoroscopy mode while performing biopsy or patient related exams directly from the scan room. This ability would be in addition to the standard user interface inside the control room.
- Windows 7 OS or newer
- Medrad/Bayer Certegra contrast injector (ceiling mounted)

Required Advanced Applications

- CT Fluoroscopy
- CT Cardiac/Perfusion
- Acute Stroke and Neuro Applications to include Perfusion, MIP, and Subtraction w/ Low dose Technique and Contrast Dosing
- Subtraction Algorithm to Include Bone, Calcium, and Stent material
- Variable Helical Pitch for Combination of Gated and Non-Gated sequences in one acquisition

Table Requirements

- Weight capacity $\geq 600\text{lbs}$
- Adjustable table height
- Restraint system for Patient safety
- Variety of Positioning Devices and Pads for Patient Comfort

Workstation Requirements

- Operators Workstation
- Additional Technologist Workstation
- Advanced Post Processing workstation with option for system wide enterprise solution

Rental unit during construction/installation

- 64 slice minimum helical CT scanner
- For the entire duration of time that the existing and new CT will be inoperable
- Delivery and set up/system calibration
- 24 hour technical support including remote monitoring/diagnostics
- Running on a supported operating system (i.e. Windows 7 or newer, Linux, etc.)
- After-hours preventative maintenance and repair services
 - this is not a requirement but if the system is capable of this and it is an item on your NAC IDIQ contract then please include this as an option
- 90% minimum up time with cost prorated accordingly
- 3-5 days onsite technician training

Training

- Technologist Training
 - On-Site training- minimum 3 weeks spread out over time
 - On-site or Off-site training- minimum 4 techs x 1 week each
- Physician Training
 - Onsite for instruction on use of post-processing software
- Biomed Training
 - Full support training courses for one technician including tuition and travel

Support and other Documentation to Provide:

- Provide DICOM Conformance Statement
- Provide completed Pre-procurement Assessment form (6550) and MDS2 document
- 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.)
- Provide information about your company's applications and technical support structure after the warranty period (i.e. a listing of Field Service Engineer locations and availability, support 800 phone number(s), remote support, etc.)

Desired Options:

- Repair and Preventative maintenance services to be done after 4pm
 - a. this is not a requirement but if the system is capable of this and it is an item on your NAC IDIQ contract then please include this as an option
- Chiller free technology

- a. this is not a requirement but if the system is capable of this and it is an item on your NAC IDIQ contract then please include this as an option
- UPS battery to save data until generator kicks in
 - a. this is not a requirement but if the system is capable of this and it is an item on your NAC IDIQ contract then please include this as an option

Trade-in:

Please include rigging costs to remove the existing CT specified below and bring in the new CT.

Please also include any trade-in credit if applicable.

- Siemens Somatom Sensation 64 Slice CT
 - Acquired in 2006
 - 150Fv 800mA Tube
 - Gantry Usage: 1,635,200 Seconds
 - Current SW version VB20B
 - SN: 54629
 - Chiller: Filtrine SMS-5000C-70A-WP-CF (SN: 7076-1/06)
 - Acquisition Station and Reconstruction Workstation present
 - Ceiling-mounted Medrad Stellant Injector present (SN: 22518)
 - VA will retain all hard drives utilized in existing system.