AURORA, CO

PO# 554-B30032

PET/CT Minimum Specifications

The Eastern Colorado Health Care System is purchasing a PET/CT Unit for our replacement medical center. This equipment will be used for the diagnosis of abnormalities of the body. Acquisition of this unit will allow us to perform various PET/CT studies. This unit is widely considered a valuable and basic diagnostic tool at all medical facilities.

Technical Requirements

- Time of Flight PET system
- High definition PET reconstruction
- 4D (respiratory gating) for PET and CT
- ECG cardiac gating for PET and CT
- Minimum 64 slice CT configuration
- Fasted CT rotation time option
- Cardiac CTA software
- Advance CT interactive reconstruction dose reduction software
- Gantry opening diameter ≥ to 70cm
- Patient table limit > 400 lbs.
- UPS to maintain total system functionality to allow for adequate time to complete current procedure
- Power conditioning as recommended by the vendor
- CT injector interface
- Patient comfort table pads
- Respiratory gating for PET & CT
- Patient dose reporting features

Software Application Options

- Tumor Tracking with auto tumor segmentation
- Quantitative software
- Cardiac quantitative software
- Neuro quantitative software
- Oncology quantitative software

Optional Items

- Complete advanced visualization package (thin-client)
- Radiation therapy imaging flat pallet
- Patient comfort focused scanning environment

Training

- On-site or off-site applications training for physicians (3 physicians – tuition and travel)
- Pre-installation clinical education for technologists (4 technologists – tuition and travel)
- On-site clinical education for technologists training for activation (4 technologists)
- Follow up on-site clinical education and applications training (72 hours)
- Full Biomed Systems training PET/CT image review server (2 engineers – tuition and travel)

Support and other Documentation to Provide

- Provide DICOM Conformance Statement
- Provide Completed Pre-Procurement Assessment form (6550) and MDS2 Document
- VPN connected remote service and applications support