

691-B70018 Greater Los Angeles PET/CT

Requirements:

- Large Bore gantry for bariatric patients and to reduce cases of claustrophobia
- PET/CT must have Cardiac Gating option
- PET/CT must have Respiratory Gating option
- PET/CT must have Metal Artifact Reduction option
- PET/CT must have Radiation Oncology solution for Planning (Lap alignment lasers, flat table top for PET, etc.)
- PET/CT will have a high axial FOV being at least 16cm
- PET/CT must be able to adequately perform PET cardiac imaging
- PET/CT must be able to perform clinical and research based non F-18 radiotracers such as C-11, N-13, Rb-82, etc.
- PET/CT will have best Time of Flight resolution vendor can offer with at least 540ps
- PET/CT will have a high detector sensitivity
- PET/CT must come equipped with a state of the art CT with at least 64 slices, fast rotation speeds, high energy capabilities, dose reduction measures, etc.
- Bid must include Industry standard ceiling mounted injector such as a Medrad Stellant D DualFlow or equivalent injector. Injector must interface with scanner.
- PET/CT must be able to electronically transfer studies to AGFA Impax through DICOM and must be capable of utilizing HIS/RIS systems.
- UPS to provide approximately 5minutes of backup power to allow proper shutdown of PET system as well as power couch controls to safely remove patient in the event of power loss

Options:

- Molecular Imaging and Radiation Treatment Planning solution through 3rd party software such as MIM, Hermes, or other equivalent 3rd party solution
- PET/CT Trailer for the duration of site prep/installation (~3months)
- Bone density quantification software such as QCT or equivalent
- Trade-in value for current PET/CT system
- Obsolescence assurance with ability to upgrade to latest version at time of installation