AURORA, CO

PO# 554-B30041

Digital Radiographic Minimum Specifications
(Radiographic Rooms 1-7)

The Eastern Colorado Health Care System is purchasing a Digital General Diagnostic Radiographic 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 provide superior image quality which is very important in the assessment of abnormalities of the head, neck, thorax, trunk and extremities. This equipment will be particularly useful in the assessment of soft tissue and bony structures. This unit is widely considered a valuable and basic diagnostic tool at all medical facilities.

System with two detectors
- Fixed detector in the wall stand and wireless digital detector in table preferred
- At least one wireless digital detector is required
- Detector sharing capability
- Air or liquid cooled

Minimum 80kW generator

UPS to maintain total system functionality to allow for adequate time to complete current procedure

Power conditioning as recommended by the vendor

Table
- Height adjustable – define range of movement
- Four way table float (positioning)
- Minimum patient weight in all positions, 400 lbs
- Lock position to disengage footswitch
- Fixed or wireless digital detector
- Fixed pedestal table

Tube Carrier
- Ceiling suspended
- Automated tube assembly movement

Control Room Workstation
- DICOM store, storage commit, query/retrieve, worklist management
- MPPS
- Patient Dose Reporting
- Patient Dose Metering
- Remote console to allow for full control of the system

Advanced Applications
- Stitching/Pasting technology
- Bone removal

Vertical Wall Stand

- Motorized tilting – define tilt range
- Motorized tracking
- Vertical travel
- Removable patient grip
- Fixed or wireless digital detector

Wireless detector accessories

- Detector protector for weight bearing studies
- Table fixation support for cross table lateral exams
- Universal grids
- Mobile detector holder

Training

- On-site clinical training for go-live (40 hours)
- On-site follow up clinical training (40 hours)
- One (1) Biomedical Engineering Training (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