AURORA, CO

PO# 554-B30029

Digital R/F Minimum Specifications
(R/F Rooms 1 and 2)

Eastern Colorado Health Care System is purchasing a Digital Radiographic/Fluoroscopic 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 fluoroscopy studies such as videofluoroscopic exams, barium swallow studies, as well as other examinations to diagnose and assess abnormalities of the gastric and bronchial systems. The unit will also be used to evaluate the soft tissue and bony structure of the patient's anatomy for lesions and various other abnormalities. This unit is widely considered a valuable and basic diagnostic tool at all medical facilities.

System with one (1) digital detectors
- Fixed or wireless detector in the table
- Detector sharing capability

Minimum of 80kW generator

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

Power conditioning as recommended by the vendor

Digital fluoroscopy acquisition
- Flat detector or image intensifier allowed
- If image intensifier, minimum of 15" required

Table
- Fixed or wireless digital detector in table for radiographic acquisitions
- Four-way float
- +90/-45 degree trendelenberg
- Minimum patient weight capacity in all positions, 400 lbs

X-ray Generator
- Pulsed fluoroscopy
- Circular and rectangular collimators (ability to collimate without using fluoro)
- Last image hold during fluoroscopy
- Cine capability (≥24 frames per second)

Image Display
- Ceiling suspended dual monitor display
- Minimum 19" flat panel monitors

Control Room Workstation
- DICOM store, storage commit, query/retrieve, worklist management
- MPPS
- Patient Dose Reporting
- Patient Dose Metering

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