

## **Digital Radiographic Specifications**

### **Technical Requirements**

1. System with two detectors
  - 1.1. Fixed detector in the wall stand and wireless digital detector in table preferred
  - 1.2. Detector sharing capability
2. Minimum 80kW generator with integrated tube cooling fans
3. UPS to maintain total system functionality for 10 minutes without facility power
4. Table
  - 4.1. Height adjustable – define range of movement
  - 4.2. Four way table float (positioning)
  - 4.3. Minimum patient weight in all positions, 400 lbs
  - 4.4. Lock position to disengage footswitch
  - 4.5. Fixed or wireless digital detector
  - 4.6. Fixed pedestal table
5. Ceiling suspended tube carrier
6. Control Room Workstation
  - 6.1. DICOM store, storage commit, query/retrieve, worklist management
  - 6.2. MPPS
  - 6.3. Structured DICOM Dose Reporting
  - 6.4. Repeat/Reject Analysis Software
7. Vertical Wall Stand
  - 7.1. Motorized tilting – define tilt range
  - 7.2. Motorized tracking
  - 7.3. Vertical travel
  - 7.4. Removable patient grip
  - 7.5. Fixed digital detector
8. Wireless detector accessories
9. Detector protector for weight bearing studies
10. Table fixation support for cross table lateral exams
11. Detachable grids (landscape and portrait)
12. If Windows is loaded on a workstation, it must be Windows 7 or latest version

### **Training**

1. On-site training for go-live (32 hrs)
2. On-site follow up training (16 hours)
3. One (1) Biomedical Engineering Training (tuition, lodging, and travel)

### **Optional Items**

1. Extended 6 months warranty

### **Optional Training Items**

1. All prerequisite courses are including in the training costs.

### **Support and other Documentation to Provide**

1. Provide DICOM Conformance Statement
2. Provide completed Pre-procurement Assessment form (6550) and MDS<sup>2</sup> document
3. Provide information about your companies 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.)
4. Please provide version/platform long-range plan
5. Two complete sets of the operator and maintenance manuals
  - 5.1. One set of each must be hardcopy and the other set must be on a DVD/CD

**Trade In**

1. Philips Thorovision