

**SLVHCS Portable C-Arm Salient Characteristics**

Nine (9) Portable C-Arm Basic Systems (to be used in OR, Pain Management, Bronchoscopy Suite, and miscellaneous clinics)

One (1) Biomedical Engineering Staff Trainings with Travel Costs (good for 2 years after award)

**Portable C-Arm Basic System Salient Characteristics:**

- 2.3kW generator or greater
- X-Ray tube currents deliver up to 23 mA or greater
- Image intensifier, 9" or greater
- 130° or more orbital movement
- Lightweight system and trolley
- Dose optimization
- Digital image rotation, reversal
- Image storage on hard disk capability
- If applicable:
  - The digital detectors must utilize wireless communication between the image receptor and the control console that meets one of the 3 following criteria:
    - FIPS 140-2 certified encryption – provide certificate number
    - Ultra-wide band communication
    - Risk based decision waiver and a complete VA Directive 6550 Pre-Procurement Assessment form (new version) currently submitted to VHA
  - The portable x-ray units must utilize 802.11 wireless communication with FIPS 140-2 certified encryption for communication to the facility network and PACS and have an onboard hardwired Ethernet connection as well.
- Must run on Windows 7 or newer operating system
- DICOM/HL7 compatible
- Onsite (1 day) applications training at time of initial install/go-live
- On-going clinical education for technologist(s) from the medical center via on-line, webinar, etc. (option)
- Clinical phone applications support for the technologist(s) from the medical center
- If applicable: Remote Access – The vendor shall provide, at no additional charge, any and all equipment service programs, such as remote diagnostics, during the warranty period. The vendor shall provide post-warranty remote diagnostic service program as an "Add Option" with the offer.
- Service and Operator Manuals – The vendor shall provide the following documentation for the proposed system:

- Two (2) copies of operator's instruction manuals per unit purchased
  - Two (2) copies of complete technical service manuals including detailed troubleshooting guides, necessary diagnostic software, service keys, schematic diagrams, and parts lists
  - Two (2) copies of a system manager's manual outlining back-up procedures, managing privilege group limits, routine tasks, etc.
- One (1) Biomedical Engineering Staff Trainings with Travel Costs (good for 2 years after award)