

629-15-4-7224-0082

**SLVHCS Portable DR Salient Characteristics**

Nine (9) Portable Digital X-Ray systems

One (1) Spare Wireless Detector

One (1) Additional Clinical Training to be used after the first year of equipment use

Three (3) Biomedical Engineering Staff Trainings with Travel Costs (good for 2 years after award)

**Portable Digital X-Ray Salient Characteristics:**

- 35 kW or greater generator
- Detector size: 14"x17"
- Detector weight 7.0lbs or lighter
- 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
- Dose Area Product (DAP) meter which measures the X-ray dose output at the collimator and reports the measured DAP (mGy\*m2)
- Dose measurement exported in DICOM data
- DICOM/HL7 compatible
- Repeat/reject analysis
- Compact footprint, max size of 65cm wide, 120cm long
- Unit weight less than 900 lbs., without accessories, standard configuration
- Easy to maneuver
- Motor-assisted driving
- Snap-on grid
- Color touchscreen display panel
- Reboot time of less than two (2) minutes
- Keypad and key lock mechanisms
- Infection control features
- User-friendly storage

- Ergonomic drive handle
- Ability to move the machine if the battery dies, with wheels unlocked
  - Ability to perform exams using mains power if batteries are depleted
- Swappable batteries
- On-board detector charging
- Rotation of 180° or greater
- Onsite (3 day) applications training at time of initial install/go-live
- Onsite (1 day) clinical applications training after 1 year of use
- Three (3) Biomedical Engineering Staff Trainings with Travel Costs (good for 2 years after award)
- 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) Spare Wireless Detector
  - Detector size: 14”x17”
  - Detector weight 7.0lbs or lighter