

## **VISN3 PACS Diagnostic Monitors for Workstations**

### **Requirements/ Specifications**

- A. Diagnostic Monitors: vendor must be capable of supplying choice of either a single head or dual head system for each workstation with the following minimum specifications
  - a. Dual head
    - i. Matched pair 3MP 15" diagonal diagnostic medical displays
    - ii. Back and front sensors
    - iii. Calibration to and continuous maintenance of maximum luminance of 400 cd/m<sup>2</sup>
    - iv. Ccfl or LED backlight
    - v. Capable of both diagnostic color and gray scale display
    - vi. Graphics cards included
    - vii. 5 year full replacement warranty
      - 1. Defective monitors to be replaced as matched pair
        - a. Monitors must meet minimum criteria for luminance and remain within DICOM calibration and conformance standards throughout the warranty period
      - 2. Timeframe: replacement units on site within 2 business days
  - b. Single head
    - i. Single 6 MP 30" diagonal diagnostic medical displays
    - ii. Back and front sensors
    - iii. Calibration to and continuous maintenance of maximum luminance of 400 cd/m<sup>2</sup>
    - iv. Ccfl or LED backlight
    - v. Capable of both diagnostic color and gray scale display
    - vi. Graphics card included
    - vii. 5 year full replacement warranty
      - 1. Monitor must meet minimum criteria for luminance and remain within DICOM calibration and conformance standards throughout the warranty period
      - 2. Timeframe: replacement units on site within 2 business days
- B. Quality Assurance Software: each monitor must be capable of performing automated DICOM conformance checks, calibration and QA checks in compliance with all applicable New York State and ACR guidelines (see Attachments A and B)
  - a. Each monitor should be able to send and archive data both to its attached workstation and to a central server
  - b. The vendor will supply software and a centralized server capable of tracking QA data from all supplied diagnostic medical displays in VISN 3
    - i. System will be capable of remote administrative access

- ii. Software updates both at the workstation and server level to be included throughout the warranty period of medical displays
  - iii. Server maintenance included throughout warranty period of medical displays.
- C. Delivery: Vendor shall deliver all diagnostic monitors and enable both local and central server QA functionality within 60 days of award.
- D. Training: Vendor shall provide sufficient training for at least one PACS administrator at each of the five VISN 3 facilities in the use of QA software and remote monitoring
- E. Purchase of future additional monitors: within one year of the award, any facility in VISN 3 may purchase any number of additional diagnostic monitors at a cost per unit or below the original awarded price. Each newly purchased unit will be installed and connected to the QA server within 60 days of purchase.

### **3.1 Tasks**

**The contractor shall conduct the following tasks:**

- Delivery of all required diagnostic medical displays within 60 days of award
- Delivery and installation of centralized server within 60 days of award and establishment of remote capture of QA data from each purchased display
- Completion of training of at least one PACS administrator from each VISN 3 facility within 90 days of award
- Specifications: see above “Requirements”