Specifications

The Department of General Services is seeking to purchase fifteen (15) Interactive White Boards and all related equipment as specified below for The Tennessee Rehabilitation Center (TRC). These shall be new monitors and equipment that meet or exceed the below the specifications. The use of these boards is for educational and training purposes at TRC.

The vendor will supply interactive monitors and equipment that is an exact match or better than the below specifications. This shall be a one-time purchase for all included items from the vendor. The state shall select the best option provided from the bidder.

Section 1: Requirements for bid

1. 75 inch Interactive Monitor
   - Quantity: (15)
   - Model: Interactive Monitor
   - Display Type: LCD
   - Display Size: 75 inches
   - Viewable Area: 74.5 inches
   - Light Source: LED
   - Resolution: 3840 x 2160
   - Refresh Rate (HZ): 60
   - Aspect Ratio: 16:9
   - Static Contrast Ratio: 1,200:1
   - Dynamic Contrast Ratio: 5,000:1
   - Backlight Life Hours: 50,000
   - Brightness: 350 cd/m2
   - Response Time (typical GTG): 8 ms
   - Viewing Angles: 178 degrees vertical
   - Operation Rating: 16/7
   - Ethernet/LAN: 10/100/1000 Mbps
   - OS: ViewBoard OS (embedded Android 8)
   - GPU: ARM Mali-G51
   - CPU: ARM Quad Core A73 + A53
   - CPU Processor Speed: A73: 1.1GHz, A53: 1.5GHz
   - Memory: 3 to 9 GB
   - Storage: 32 to 64 Gb
   - Internal Speakers: 10w x2
   - Subwoofer: 15w x1
   - HDMI 2.0IN: three to five
   - VGA: one - two
   - 3.5MM Audio In: one - two
   - 3.5MM Audio Out: one - two
   - USB 3.0: four - six
• **USB 2.0** three - five
• **Slot-In PC Slot** one
• **USB B Touch Port** two - three
• **RS232** one
• **Ethernet LAN RJ45** one
• **WIFI Module Slot** one
• **Voltage** 100-240 VAC
• **Consumption Max** 350w
• **Consumption Typical** 138w
• **Stand By** .5w
• **Operating Temperature** 32-104º F (0 - 40º C)
• **Operating Humidity** 10-90%
• **Touch Technology** Infrared
• **Touch Points** 20 point touch
• **Tip Detection** Dual Tips 3 mm and 8 mm
• **Weight lbs. Net** 145
• **Weight lbs. Gross** 185
• **Packaging** 76.0 x 44.9 x 11.0
• **Dimensions** 67.3 x 40.2 x 3.5
• **Mount** Vesa Compatible
• **Includes:** IFP7550 display, stylus pen x 2, power cable, HDMI cable, USB cable, remote control with batteries, Camera plate, M8 screw x 8, Quick Start Guide

2. **Rolling Monitor Cart**
• **Center of Display to Floor Table Range:** 48 - 72"
• **Center of Display to Floor Table Range:** 48 - 72" (1219 - 1829mm)
• **Color:** Black
• **Manual Height Adjustment:** 24" (610 mm)
• **Mounting Pattern Compatibility:** 200 x 200mm - 862 x 517mm
• **Number Of Monitors:** 1
• **Post-Installation Leveling Roll:** Yes
• **Shipping Weight:** 68 lbs. (30.84 kg)
• **Solution Type:** Universal
• **Tilt:** + 15° , - 15°
• **Typical Screen Sizes:** 42 - 86"
• **Weight Capacity:** 200 lbs. (90.7 kg)
• **Orientation:** Landscape/Portrait

3. **Full Motion Wall Mount**
• **Weight Capacity** 175 lbs.
• **Mounting-Hole Pattern** 100 x 100 to 600 x 400 mm
4. **Soundbar**
   - Frequency Range (-10dB) 42Hz – 20kHz
   - Frequency Response (±3 dB) 56Hz – 20kHz
   - Maximum Peak SPL(0dBV) 90 dB-SPL at 1m (0 dBV input; Max Volume setting, one channel)
   - Input Connectors 2 x RCA (left & right)
   - Nominal Input Sensitivity -10 dBV for 85 dB-SPL at 1m (Max Volume setting)
   - HF DRIVER SIZE 2 x 19 mm (0.75”) Soft Dome Tweeter (one per channel)
   - LF DRIVER SIZE 4 x 51 mm (2.0”) Low-Frequency Driver (two per channel)
   - Power Amp 20W per Channel, Class D
   - Enclosure Material Injection-Molded ABS
   - ENCLOSURE FINISH Black
   - Mounting/Installation Two included brackets, desk/table or on-wall mounting.
   - AC power Input: 100V-240VAC, 50/60Hz, 1.5A
   - Dimensions (H x W x D) 3.54 x 35.4 x 2.55 in

5. **Shipping/Freight Location**
   - Tennessee Rehabilitation Center
     460 9TH AVENUE
     SMYRNA TN 37167
   - The monitors shall be delivered to Building M’s Warehouse loading dock
   - Expected shipping prices should be included in bid

6. **Connections/Installation**
   - Vendor shall transport each panel from the M-Building warehouse to the classroom specified by the state and install the interactive whiteboards.
   - (8) will be on a rolling cart and (7) will be wall mounted.
   - The input source for the monitors shall be an HDMI Cable for the visiting laptop.
   - The HDMI cable and USB cable shall connect to the side of the monitor to the owner’s furnished laptop.
   - The laptop shall be within ten feet of the monitor.
   - Portable carts shall be within five feet of an electrical outlet.
7. Hardware
   • The vendor shall provide the following items
     o Hardware required for installation
     o Cabling required for installation

8. Training
   • The vendor shall provide a 1-hour training on-site to instructors on how the panels operate
   • The vendor shall provide a series of two 1-hour live virtual training sessions with an Authorized Trainer to meet the specific learning needs and objectives of the end user.