Tennessee Department of Education (Alvin C. York Agricultural Institute)

Multi-Touch Displays and Mounting Hardware

Specifications

Tracking Number: 33101-2209233190ATCS0

ITB 33101-12409

Statement of Procurement Need

Alvin C. York Agricultural Institute (“York Institute”) is seeking Multi-Touch Displays with mounting hardware as described below. Unit price bids are requested on products that meet or exceed the specifications defined herein. Contractors must submit descriptive literature and technical specifications covering the products offered for bid evaluation. Reference to literature submitted previously will not satisfy this requirement.

Specifications

1. Definitions: Defined terms shall be as follows:
   a. 4K Resolution shall mean a horizontal resolution of around 4,000 pixels that is commonly defined as a minimum of 3,840 horizontal pixels and 2,160 vertical pixels for television screens.
   b. Interactive Screen shall mean that the screen is anti-glared and anti-fingerprint tempered glass that can be written on with writing tools such as stylus, finger, and hand.
   c. LED shall mean Light-Emitting Diode, a semiconductor diode that emits light when conducting current and is commonly used in electronic displays, light bulbs, etc.
   d. Multi-Touch Display shall mean a screen that has technology that enables a surface to recognize the presence of more than one point of contact with the surface at the same time.
   e. On-Board PC shall mean that the Multi-Touch Display comes with an open pluggable specification (“OPS”) slot allowing the user to embed an OPS computer right into the display with no extra devices needed.

2. Multi-Touch Displays Requirements
   a. Acceptable model Newline model #Q75 or equivalent
   b. Quantity of 45
   c. Model year 2021 or newer
   d. 75-inch LED active screen size, 16:9 display ratio 65 x 36.6 display area 3840 x 2160 pixels.
   e. Six (6) built in USB ports:
      i. Two (2) on the front of the panel, one of the two shall be USB type C
      ii. Four (4) on the back of the panel, one of the four shall be USB type C.
   f. Interactive Screen with a minimum of 10 points up to 20 points of touch and an 8 ms response time (stylus or finger contact).
g. Built in Android and Windows 10 Operating Systems  
h. 4K Resolution  
i. On-Board PC  
j. i7 computer processor (or another comparable processor)  
k. 8GB memory cache  
l. Minimum 256 SSD (i.e., flashed-based memory that allows the device to operate much faster)  
m. Wireless connectivity to broadcast content capability built in  
n. HDMI inputs (1) front accessible, (2) rear accessible HDMI inputs  
o. Display port  
p. Sound output  
q. Minimum Three-year replacement warranty  
r. Mounting equipment for each Multi-Touch Display as required in Section 3 below.  

3. Mounting Equipment Requirements  
   a. Capable of supporting the weight and display size of the proposed Multi-Touch Display  
   b. Tilting capabilities  
   c. Three-year replacement warranty.  

4. Training Requirements  
   a. Virtual training for all teachers who receive the Multi-Touch Displays  

5. Purchase Order and Delivery Requirements  
   a. Purchase Order – Upon award of the Contract, the State shall issue one purchase order for all line items  
   b. Equipment Delivery – The Contractor shall deliver the equipment within sixty (60) days of receipt of the purchase order or other agreed upon delivery time between the Contractor and the York Institute. The Contractor shall deliver the equipment at an agreed-upon time during the hours of 8:00 A.M. to 3:00 P.M., local time (Central Time), Monday through Friday, excluding State holidays. State holidays are listed on the following webpage: https://www.tn.gov/about-tn/state-holidays.html.  
   c. Delivery Location – Alvin C. York Agricultural Institute, 701 North Main Street, Jamestown, TN 38556. Telephone 931-879-8101.