

**COLLEGE OF VETERINARY AND ANIMAL  
SCIENCE, BIKANER**

Ph.No. 0151 - 2204123(O) 2205123 (Fax)

E-mail Address - cvas901@gmail.com

No. VCB/Acctts/Pur/2023-24/ 1489-94

Dated 20/2/24

**OFFICE ORDER**

On the basis of the Open competitive Bid No. 09/2023-24 for supply of Interactive Flat Panel Display Size 65" invited vide No. VCB/Acctts/Pur/2023-24/1179 dated 16-12-2023, the lowest rate quoted by the M/S Ensonic Computech Pvt Ltd, 89,shakti Nagar,Trivani Chouraha,Gopalpura Bypass, Jaipur is hereby approved as per recommendation of the committee as under as per terms and conditions laid down with the tender:-

1	2	3	4	5
S.No	Name of Article(s) with specifications	Make & Model	Required Approx. Qty.	Rate (in Rupees)
1	<p><b>Interactive Flat Panel Display Size 65 inch</b>  <b>Interactive display Screen size -65"</b>  <b>Resolution-</b> UHD 3840 × 2160 pixels or Higher  <b>Brightness (typical)-</b> 500 nits or Higher  <b>Contrast ratio (typical)-</b> 5000:1 or Higher  <b>Response time-</b>4 ms or Better  <b>Light life (typical)-</b> 50,000 hrs or Higher  <b>Smart Eye protection-</b> Interactive display should have smart eye protection.  <b>GLASS</b>  <b>Hardness-</b>4 mm tempered AG Glass or Better  <b>Anti-glare coating-</b> Interactive display should have Anti-glare coating  <b>Touch screen</b>  <b>Touch technology-</b> Infrared touch  <b>Touch points-</b>20 touch points or Higher  <b>Touch response time-</b>&lt; 4 ms or Better  <b>System</b>  <b>CPU-</b> Quad core 1.9 Ghz or Better  <b>Memory -</b>4GB DDR3/DDR4 or Higher  <b>Storage-</b>32GB or Higher and expandable up to 512 GB  <b>OS-</b> Android 11.0 or Better  <b>Input/ Output ports</b>  <b>Input Ports (minimum)-</b> 3 × HDMI, 1x VGA, 1x Audio in, 1 x Slot-in PC (OPS) or Higher  <b>Output Ports (minimum)-</b> 1x Audio out or Higher  <b>USB Ports (minimum)-</b> 4 × USB 3.0 Type A, 1 × USB 2.0 Type A, 2 × USB Type B (touch) or Higher  <b>Communication Ports (minimum)-</b> 1x RS232 In, 1 x RJ45 ethernet port or Better  <b>Built-in peripherals</b>  <b>Speaker-</b> Stereo Sound with in-built 25 Watt x 2 speakers</p>	Make- Ekin Model- DTF-65R	04	Rs. 72150/- each + GST 18% extra

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and subwoofer of 20 watt

**Magnetic pen holder-** Should have inbuilt magnetic pen holder with up to two pens

**Tutor friendly experience-** Should have control buttons on Interactive display like Volume UP/Down, Home, Back, Menu, Touch on/off & Power Buttons for ease in teaching.

**Built in Wi-fi-** Should have inbuilt Dual band Wi-fi (2.4 & 5Ghz)

**Quiz-** Should have in built tool to allow participants to submit answers from their Smart Phones (Answering /Voting /Messaging)

**Built-in Hotspot-** Should have inbuilt Hotspot with internet sharing across the connected devices

**Built-in Bluetooth-** Should have inbuilt Bluetooth version 5.0 or latest

**Stylus-** Should have minimum 2 Nos of Stylus

**Remote control-** Should have remote control to operate the Interactive display

**Software**

**Whiteboard Interactive Software-** Should have inbuilt whiteboard software for teaching/ training using Interactive display with features like (Pen, thickness of pen, colours of pen, Pixels eraser and Region eraser, Shapes (Circle, Triangle, Rectangle, arrows),Background of White board (multiple colours also use picture, shape), Redo/Undo, Next/Previous, Select & Drag option, Switching between single touch and multiple touch, Clear screen, List of pages with deleting option, Switching tool bar right to left, Many other Tools (Compass, Protector, Insert Table, Calculator, Curtain, Timer, Calendar, Camera, Spotlight, Multiscreen (divide board in 2,3,and 4 parts with background colour and different pen colour), on screen annotation. Interactive software should be of the same OEM. Interactive software of the interactive Display should detect the Visual Presenter/ Visualiser and should be able to annotate on the image captured by the Visual Presenter/ Visualiser.

**Wireless screen sharing-** Interactive display should allow user to share/mirror the content of Laptop/Desktop and mobile device(Android) wirelessly and should have Screen Share software to show up to 4 Multiple screen at same time.

**Quick access tool-** Floating Tool should be available on all screen for quick access tools and same should be customized as per user requirement.

**Play Store Support-** Should have Built in Google Play store to download applications direct from Play store

**YouTube -** Should have Built in YouTube application and should support up to 4K resolution.

**Inbuilt Cloud drive-** Interactive display should have inbuilt cloud drive access from Google drive & one drive

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**Software based Video conferencing**-Device should support software based VC with internal android platform like Google meet, Cisco WebEx , Skype, Microsoft teams & zoom applications.

**Multiple controlling menu**-Should have Multi Controlling menu including Side menu, floating menu and pull up menu.

**Gesture Control**-Should have gesture control like Hold five fingers on screen for Interactive display sleep mode, hold and move three fingers on screen for Floating menu & swipe the screen Upside for Pull up menu control.

**Split Screen**- Interactive display should have inbuilt split screen user should be able to split the screen to operate multitask like play a video in half of screen and open whiteboard in other half side.

**Smart USB Port**- All USB 3.0 port should support Smart USB sharing for Android, Internal PC or other External PC / Device

**Multilanguage GUI**- Device should have GUI interface in both Hindi and English Language

**Virtual Keyboard**- Device should have inbuilt virtual keyboard with English to Hindi writing support.

**Enhanced Security**- Should have provision to lock all the USB port, Screen Lock, application lock to restrict unwanted access.

**Touch On/Off Button**- Should have provision for Touch On/Off on front of Display

**Sound enhancement**- Should have inbuilt Volume equalizer and surround sound support to enhance the sound quality.

**Screen Shot**- Should have built-in screen shot option using single click

**Power**

**Power**- AC 100-240V 50/60Hz

**Maximum Power Consumption**-250 W or Better

**Standby Power Consumption**-<0.5 W or Better

**Environment**

**Operating temperature**-0°C ~ 45°C or Better

**Operating Humidity**-10% ~ 80% RH Non-Condensing or Better

**Accessories**- Wall mount Kit, 1x HDMI Cable (1.5 Meter), 1x USB A to B cable (1.5 Meter), 1x Power Cable (1.5 Meter)

**Certifications**- BIS certification

**Warranty**-Minimum one Year

**Terms and conditions:-**

1. GST 18% extra.
2. F.O.R:- Central Store, CVAS, Bikaner.
3. Validity:- Three Month
4. Judicial area: Bikaner.

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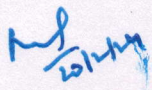


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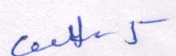
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5. Delivery:- All the rates are F.O.R. Destination (Free Delivery at CVAS, Central Store, Bikaner and inclusive of packing forwarding, freight, insurance, loading and unloading charges). The above item should be supplied within 15 days from the date of supply order. Liquidated damages shall be recovered at the prescribed rates, if the firm fails to supply within the supply period, provided that the ordering authority on the request to the firm may be extend the supply period before its expiry after being satisfied with the reason given by the firm for inordinate delay in supplies. However, the extension of supply period may be with or without liquidated damages. In case of extension in the delivery period with liquidated damages recovery shall be made on the basis of the following percentage of value of stores which the firm has fail to supply:-
- Delay upto one fourth period of the prescribed delivery:- 2.5%
  - Delay exceeding one fourth but not exceeding half of the prescribed delivery period:- 5.0%
  - Delay exceeding Half but not exceeding three fourth of the prescribed delivery period:- 7.5%
  - Delay exceeding three fourth of the prescribed delivery period:- 10.0%
6. Other conditions of the contract shall remain the same as given under term and condition of the tender.
7. Supply shall be accepted strictly according to the specification like sample/make etc. as mentioned in the bid/order.
8. Final decision will remain with Dean's power to decrease/ increase of the quantity of approved items.
9. The firms will execute an agreement (format enclosed) on Rs. 500/- Non-Judicial Stamp with the Dean,CVAS ,Bikaner for and on behalf of Rajasthan University of Veterinary and Animal Sciences, Bikaner.
10. Besides the above terms and conditions, the general terms and conditions of RAJUVAS as well as RTPP Act, 2012 and RTPP Rule 2013 will also be applicable.

  
( A.P. Singh )  
DEAN

Copy to:-

1. The Comptroller,RAJUVAS, Bikaner
2. Treasury officer, RAJUVAS, Bikaner.
3. Nodal Officer, SPPP/ NISAGNET, RAJUVAS,Bikaner.
4. O/I Central Store, CVAS, Bikaner
5. M/S Ensonic Computech Pvt Ltd, 89,shakti Nagar,Trivani Chouraha,Gopalpura Bypass, Jaipur. The bid security Rs. 9000/- already deposited by you will be converted into





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performance security. Further you will have to deposit Rs. 5430/- through Banker cheque/DD/Cash as 5% as bid performance security of the entire supply of payment of bill amounting of Rs 288600/- + GST 18% extra which will be kept pending till the warranty period . It is advised to complete the necessary formalities within 7 days from the date of this order.

6. AAO/Bill Clerk/Cheque Writer/Store Keeper ,CVAS, Bikaner.

*(Handwritten signature)*  
20/11/14

( A.P. Singh )  
DEAN