Tender Ref. No: BDC/Web/2023/015   **Date:** 16.01.2024

Web Tender

Quotations are invited for supply, installation, testing & commissioning of the Interactive Panel in the Conference Room.

S.N	Parameter	Specifications
1	Display Panel Diagonal size	**86 Inches or higher**
2	Resolution	3840 x 2160 (4K or Higher)
3	Display Colour	1.07 Billion or HIgher
4	Brightness	≥430 cd/m² or better
5	Viewing Angle	±178 ° or better viewing angle
6	Contrast ratio	1200:01:00
7	Dynamic Contrast Ratio	30000:1
8	Response Time	< 8 ms
9	Lifetime	50,000 hours or more
	Touch Interactive Display - Audio System	
10	Speakers	2 x 18 Watts or Higher
	Touch Interactive Display - Touch Technology	
11	Deployment of Touch Technology	Advanced Infrared
12	Thickness of the touch glass	4mm Toughened Glass with 9H Toughness or better
13	Surface technology	Anti-Glare
14	Touch accuracy	1mm or better
15	Touch Points in Windows	Must have a touch capability of a minimum 20 points
	Touch Interactive Display - Connectivity Ports	
16	Front Interface	HDMI in*1, USB touch*1, USB3.0*3
17	Inputs	HDMI in*3, DP in*1, Type C*1, VGA*1, VGA audio in*1, AV in*1,USB2.0*1,Public USB3.0*1,Camera USB3.0*1, USB touch*1, LAN in*1
18	Outputs	SPDIF out*1,LAN out*1, HDMI*1
19	Other	RS232*1
	Smart System (Android)	
20	CPU	Quad-core * A55 1.5GHz or better
21	GPU	G52 2EE MC1@550MHz or better
22	Android version	Android 11.0 or Higher (With Playstore)
23	Built-in Software:	Whiteboard, File manager, Screen mirroring, Chrome, google playstore, Youtube, WPS, Welcome Page, Settings, Calculater, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording.,Wireless Content sharing, text recognition. Host should be able to invite 100+ participants for online sessions, the software must have the capability of transmitting up to 4 cameras feeds simultaneously over Video Conference from the host login and The software should support 4K resolution video, chat, data collaboration and digital whiteboard. The software should provide the solution for Local Recording of the Virtual classroom session. Web Application Security Testing Certificate/ Security Test for Vulnerability Assessment and Penetration Testing Certificate by competent Authority should be submitted for the Video Conferencing Software.

24	Inbuilt WIFi	Dual WIFI (5G & 2.4G), Dual Hotspot (5G & 2.4G) or better
25	Bluetooth	BT5.0 or better
26	RAM	4 GB or Higher
27	ROM	32 GB or Higher
28	Certification	BIS (Indian), CE, FCC & ROHS certification.
29	Warranty	3 Years or Higher.

1. The OEM Should have direct technical support staff and office in West Bengal for immediate technical support. Official HR documentation Required.

2. The OEM Must have valid ISO 9001:2015,ISO 45001:2018, ISO 27001:2013 and ISO 14001:2015 Certified Company. (Related certificate copy required).

3. The OEM should have established office in India from more than 10 Years. (Valid Certificate of incorporation required).

4. The buyer reserves the rights for any changes/cancellation/rejection of any part or whole bid, without assigning any reason what soever.

5. Manufacturer authorization: Wherever Authorized Distributors / Dealers are submitting the bid, Manufacturers Authorization Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the tender.

6. Only OEMs with a manufacturing unit possessing a valid factory license and certified quality processes maintained by QCI or Government of India recognized certification authority will be eligible. (Factory License & OEM Assessment Report (Abridged) to be submitted along with MII Declaration)

7. Datasheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

8. Dedicated/ toll free Telephone No. for service support, Escalation Matrix for Service support.

9. OEM should be in the Video Conference Line of Business from at least last 10 years. (Documented Proof Required). PO or Appreciation Letters for Video Conference Deployment from Government bodies, Government Undertaking prior to 2011 should be attached. Both Interactive Panel & VC Software should be from Single OEM to avoid integration issue

10.The OEM should have at least 200 employees on its payroll in India. This is to justify that OEM has made investment in India and is serious about its business in India which will ensure long term after sales support and spare support from the OEM.

Interested Vendors are requested to submit their sealed quotations to the following address within **7 working days**

To
The Principal
Basanti Devi College
147B, Rash Behari Avenue, Kolkata – 700029

[All sealed quotations are to be dropped in the E-Tender Box only]

Sd/-
Dr. Indrila Guha
Principal