

# TEZPUR LAW COLLEGE

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# তেজপুৰ আইন মহাবিদ্যালয়

স্থাপিত : ১৯৭২  
তেজপুৰ-৭৮৪০০১, শোণিতপুৰ, অসম  
দুৰভাষ : ০৩৭১২ - ২২৫৯১২ (কা)  
ই-মেইল : tezpurlawcollege@gmail.com

Ref. No. TLC/NO/ROA/8885

Date: RR/10/ROA...


## NOTICE INVITING QUOTATIONS FOR SMART CLASS ROOM

Sealed Quotation is invited from the reputed vendors/firms for the Installation of Smart Class Room at Tezpur Law College. The specification of the items for the same is given below-

### Technical Compliance sheet for smart class room setup with Panel and Audio Setup

#### A. 75" Interactive Touch Display (MAF required from OEM)


S. No.	Parameter	Specifications	Qty	Bidder Compliance (Yes/No)
1	Display Panel Diagonal size	75 Inches or higher	01 no	
2	Resolution	3840 x 2160 (4K or Higher)		
3	Display Colour	1.07 Billion or Higher		
4	Brightness	350 Max and 400 cd/m <sup>2</sup> or better		
5	Viewing Angle	178° or better viewing angle		
6	Contrast ratio	1200:1		
7	Dynamic Contrast Ratio	30000:1		
8	Response Time	6 MS or Better		
9	Lifetime	50,000 hours or more		
<b>Touch Interactive Display - Audio System</b>				
10	Speakers	2 x 20 Watts or Higher		
<b>Touch Interactive Display - Touch Technology</b>				
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 Tolerance	±2mm or better		
15	Touch Points in Windows	Must have a touch capability of minimum 20 points		
<b>Touch Interactive Display - Connectivity Ports</b>				
16	Front Interface	USB3.0 x 2, Keys : Power/Homepage/Screen down/Record/Touchlock/Setting		

  
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17	Rear Interface	USB 3.0 : 1 USB 2.0 : 1, TOUCH : 1, HDMI IN : 2, VGA : 1, AUDIO IN : 1, RS232 : 1, RJ45 IN : 1 EARPHONE : 1 COAX : 1		
<b>Smart System(Android)</b>				
20	CPU	8 core A55 or better		
21	GPU	Quad-core MaliG52 MC4 or better		
22	Android version	Android 12.0 or Higher (With Playstore)		
23	Built-in Software:	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. 4 Application split screen,screen recording,screen capture, Wireless File sharing form mobile phones.U disk lock screen,USB port Block,Multi-user management,		
24	White Board Feature	Menubar includes new whiteboard, storage, sharing, closing, and setting functions,Page management,Painting brush-preset 9 monocolors and 2 gradient,Thickness: preset 6 brush sizes,support ordinary brush, marker, pen three brush styles, as well as text recognition brush andgraphicsrecognition brush two intelligent brush, eraser,Table, Timer, Voting, Withdrawal and redo, Single point / multi point,Mini whiteboard: QR code: Scan the QR code in the web link.for to use the mobile terminal to scan the annotation content (picture format).		
25	Inbuilt WIFI	Dual WIFI (5G & 2.4G )802.11ac/b/g/n/a,Hotspot or better		
26	Bluetooth	BT 5.2 or better		
27	RAM	4 GB or Higher		
28	ROM	32 GB or Higher		
29	Certification	BIS (Indian), CE, FCC & ROHS certification.		
30	Input voltage	AC:100~240V 60/50HZ		
31	Working Temperature	0°C~40°C		
32	Working Humidity	20%~85%		
33	Warranty	3 Years or Higher.		

**Interactive OEM Qualification criteria:-**

1	The OEM Should have direct technical support staff and office in <b>Guwahati</b> for immediate technical support. Official HR documentation Required.	
2	<b>The OEM Must have valid ISO 9001:2015,ISO 45001:2018, ISO 27001:2022 and ISO 14001:2015 Certified Company. (Related certificate copy required).</b>	
3	The OEM should have established office in India from more than 15 Years. (Valid Certificate of incorporation required).	

  
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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 in India possessing a valid and latest factory license, certified quality processes audited & acknowledged by QCI (through On-Site/Virtual Assessment) and recognized domestic R&D Facility will be eligible. (Factory License, OEM Assessment Report (Abridged) and Recognition Letter for in-House R&D by QCI and DSIR respectively or Government of India recognized certification authority to be submitted along with MII Declaration).	
7	Data sheet 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	Interactive panel, OPS and 4K Video bar should be same OEM.	
10	OEM should be in the Video Conference Line of Business from at least last 15 years. (Documented Proof Required). PO or Appreciation Letters for Video Conference Deployment from Government bodies, Government Undertaking prior to 2011 should be attached.	
11.	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.	

#### B. Amplifier

S. No.	Parameter	Specifications	Qty	Bidder Compliance (Yes/No)
1	Amplifier	<b>Power output</b> : 100W Max., 75W RMS at 10% THD 70W RMS at 5% THD <b>OUTPUT REGULATION</b> : $\leq 2$ dB, no load to full load at 1kHz <b>Input Channels</b> : 4 $\times$ Mic 0.6mV/4.7k $\Omega$ , 1 $\times$ Aux 100mV/330 k $\Omega$ <b>FREQUENCY RESPONSE</b> : 50 - 15,000Hz $\pm$ 3dB <b>SIGNAL TO NOISE RATIO</b> : 55dB <b>Tone Control</b> : Bass: - 10 dB + 7 dB at 100Hz, Treble: - 10 dB + 7 dB at 10kHz <b>OUTPUTS</b> : Line: 1V/3.5k $\Omega$ <b>SPEAKER OUTPUTS</b> : 4 $\Omega$ , 8 $\Omega$ , 16 $\Omega$ & 100V <b>DIGITAL PLAYER</b> : MP3 Player with USB, SD, MMC Card Reader & Bluetooth	01 no	

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	<b>Power Supply : AC: 220-240V 50/60Hz, DC: 12V (12V Car Battery)</b>	
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**C. Wall Mount Speaker**

S. No.	Parameter	Specifications	Qty	Bidder Compliance (Yes/No)
1	Speaker	Speaker must be 2 way & 100V wall mount speaker	02 nos	
		<b>Power rating:</b> 30 watt & Impedance: 8Ω		
		<b>Frequency Response:</b> 75-20,000Hz & SPL at 1kHz: 87dB		
		<b>Speaker:</b> Woofer 100mm (4"), Tweeter 25mm (1")		
		Product must be make in India		
		<b>Warranty:</b> 01 year minimum		
		OEM authorization must be submit		

**D. Wireless Microphone set**


S. No.	Parameter	Specifications	Qty	Bidder Compliance (Yes/No)
1	Microphone	<b>Receiver :</b> Dual Channel Non-Diversity (240V AC 50Hz)	01 no	
		<b>FREQUENCY RESPONSE :</b> 50Hz-16KHz		
		<b>Polar Pattern (Hand mic) :</b> Cardioid		
		<b>Output :</b> Individual Channel: XLR, Mix out: ¼" Jack		
		<b>Power Req.(Hand mic) :</b> 2 x 1.5V AA		

E.	Rack	6U Wall Mount Equipment rack. with 2 Fan, PDU with 5 Sockets & Glass door	01 no	
F.	Installation Charge	Installation, Testing and Commissioning with all required connectors and termination	01 job	

**N.B.:** Last date of submission of quotation is 26/10/2024 before 2:00 PM.

Copy to:

1. College Website
2. Notice Board
3. Office File

  
 23.10.2024  
 Dr. Dulumoni Nath  
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