RABINDRANATH TAGORE CENTRE FOR HUMAN DEVELOPMENT STUDIES

A joint initiative of
University of Calcutta & Institute of Development Studies Kolkata
(Sponsored by UGC)

NOTICE INVITING TENDERS

No. RNTCHDS/NIT/ROOM 2/26/02 Date 02.07.2026

Sealed bids are invited under two bid systems, viz. Part I. Technical Bid and Part II Financial Bid from reputed suppliers at Rabindranath Tagore Centre for Human Development Studies (RNTCHDS/IDSK). Details of specifications are given below.

Tender Details: -

1.	Date of Publication	**03.07.2026**
2.	Availability of Tender Document	**Annexure A, B, C & D may be downloaded from the IDSK website- www.idsk.edu.in**
3.	Tender Fees	**Nil**
4.	Last date and time of Submission of Technical Bid	**23.07.2026 till 5:00 PM**
5.	Date and time of Opening of Technical Bid	**24.07.2026 after 12:00 Noon**
6.	Date and time of Opening of Financial Bid	**24.07.2026 after 12:00 Noon**

Terms and conditions:

1. Bids are to be submitted with a forwarding letter as in **Annexure A**
2. Only hard copies of Bids are to be submitted to the office of the RNTCHDS between 12 noon to 4 PM on working days (Monday to Friday).
3. The Technical Bid shall comprise of self-attested photocopies of the following documents: -
   a) Valid copy of Trade License (2026-27),
   b) PAN Card,
   c) Registration Certificate of GST,
   d) Income Tax Return for last 2 years,
   e) Year wise gross turn over for last 2 years,
   f) Credential Certificate,
   g) Last month/quarter GST return copy
4. The specifications of the Components to be purchased and installed are in **Annexure B.**
5. The financial Bid shall comprise of price including GST, total price, extent of discount, if any and to be submitted in **Annexure C (Separate Envelope)**
6. Checklist in **Annexure D**
7. The technical Bid and the financial bid shall be submitted in two separate sealed envelopes with broad heading mentioning the name of the item (Technical Bid or Financial Bid) and Tender No. on the envelope containing documents. The sealed envelopes of Technical Bid and Financial Bid should be submitted in a large sealed cover mentioning the Tender No. and be addressed to the **Convenor, Rabindranath Tagore Centre for Human Development Studies, DD -27/D, Sector 1 Salt Lake C, Kolkata – 700 064.**
8. The Financial Bids of only those who have been found to be technically qualified will be opened
9. The RNTCHDS reserves the right to accept or reject any or all tenders without giving any reason whatsoever.

Co-ordinator
Rabindranath Tagore Centre for Human Development Studies
DD-27/D, Sector-I, Salt Lake, Kol-700 064

ANNEXURE - A

No. RNTCHDS/NIT/ROOM 2/26/02

Date 02.07.2026

I/We have read various conditions to tender and hereby agree to the said conditions. I/We also agree to keep this tender open for acceptance for a period of 15 days from the date fixed for opening the same.

Sl. No.	Description of work
1	**Purchase of Audio-Visual Solutions for Class Room-2**

1. I/We have read and understood the terms and conditions mentioned in the Tender Document issued by the RNTCHDS/IDSK.
2. I/We hereby unconditionally accept the tender conditions in full and agree to abide by them.
3. I/We declare that our firm/company has not been blacklisted/debarred by any Government or Government agency.
4. I/We confirm that all the information and documents submitted in the bid are genuine and correct to the best of my/our knowledge.
5. I/We understand that any deviation or misrepresentation in the documents or information submitted may lead to rejection of our bid or termination of the contract if awarded.
6. I/We agree to execute the entire work as per the scope and specifications mentioned in the tender document.
7. I/We also declare that the submitted proposal is made in good faith and without collusion or fraud.
8. I/We understand that any breach or non-compliance of the agreed terms and conditions during the contract period or thereafter may invite appropriate legal action by the RNTCHDS in accordance with applicable laws.

Thanking you,

Name and Signature of the authorized person
of the firm along with seal

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ANNEXURE - B

No. RNTCHDS/NIT/ROOM 2/26/02 Date 02.07.2026

Technical Specification of Audio-Visual Solutions for Class Room-2

Sl. No.	Item/Make/Description	Qty
01	Versatile 4K UHD Interactive Flat Panel Display, Users can annotate with a writing stylus or fingers, Built-in Android writing software, display technology –OD18, 4K Android system, 4 screens mirroring, Support HDCP2.2 (HDMI1.4/2.0), **display Size -65 inch**, Resolution -3840 (H) X 2160 (V), Pixel Pitch - 0.430mm*0.430mm, Brightness -≥450 cd/m², Contrast Ration -1200:1, Dynamic Contrast Ratio - 30000:1, Life Time -50000hrs, Video Process and Transform-3D digital comb filter, and 3D noise reduction, dual 3D dynamic video progressive scan etc., Speaker Output -20W X 2, RJ-45 -"2 (RJ45 IN*1, RJ45 OUT*1.) 100M LAN for Android, 1000M for OPS, and RJ45 OUT, WIFI/Hotspot -Dual WIFI (5G & 2.4G), Bluetooth - 5.0, Multi Touch Capacity -40 Points, Writing Style -Finger or any Solid Object, Support Operation System -Windows 10/8/7/XP/Linux, Mac/Android/Chrome Book, **Android OS Version 14.0, Storage -128GB, RAM -8GB**, Net Weight - 31.4 kgs, etc,Pref. Brand- Peoplelink,LG, Panasonic.	01
02	**PTZ CAMERA :-** • **Sensor** -1/2.8 inches CMOS, 2.07 Megapixels,**Lens**-10X Optical Zoom, F1.8-F2.6,**Field of View (FOV)-58.5°** - 6.5°,**Video Format**-YUY2: Max 1080P@30fps; MJPEG: 2160P@30fps; H.264 AVC/SVC: Max 2160P@30fps, **Optical Zoom**-4k 10X, **AI Features-** Presenter Framing, Group Framing, Humanoid Tracking, and Target Tracking,**Minimum Illumination**-0.5Lux @(F1.8, AGC ON),**Shutter**-1/30s - 1/10000s,**Backlight Compensation**-Supported,**Digital Noise Reduction** -2D & 3D DNR,**Signal-to-Noise Ratio (SNR)**->55dB,**Pan Angle** -170°,**Tilt Angle** --30° to 90°,**Pan Speed** -2.7° - 35.7°/s,**Tilt Speed** -2.7° - 31.5°/s,**Preset Positions** -255,**Video Compression** -H.264/MJPEG,**Video Stream** -Dual Stream (First and Second Stream),**First Stream Resolution** -3840x2160, 1920x1080, 1280x720, etc.,**Second Stream Resolution**-1920x1080, 1280x720, 1024x576, etc.**Video Bit Rate**-32kbps - 20480kbps,**Frame Rate**-50Hz: 1fps - 25fps; 60Hz: 1fps - 30fps,**Audio Compression** –AAC,Audio Bit Rate-96kbps, 128kbps, 256kbps,**Protocols**-NDI (Optional), TCP/IP, HTTP, RTSP, RTMP, On if, DHCP, SRT, GB/T28181, Multicast,**USB Interface**-1 x USB 3.0 Type-C,**HD Output**-1 x HDMI,**Network Interface** -1 x RJ45: 10M/100M/1000M Adaptive Ethernet,**Audio Interface**-1 x Line In (3.5mm jack),**Control Interface**-1 x RJ45 (IN), 1 x RS232 IN (8Pin mini DIN, Max Distance: 30m), Protocol: VISCA/Pelco-D/Pelco-P,Power Interface -JETA Type (DC IN 12V),Accessory -IR Remote Control and Wall Mount kit (included as standard accessory),**Certifications- BIS (Indian), CE, FCC, RoHS, and CB Certification.** Pref. Brand- Peoplelink,LG.	01
03	Camera Tray for Camera facing towards audience	01
04	10 mtr 2.0 USB Cable for Camera	01

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05	10 meter high speed HDMI cable with Ethernet	01
06	4-Channel UHF Non-Diversity Wireless Microphone available as 4 Handheld (4H) with **Frequency Response:** 50Hz- 16KHz, **Polar Pattern (Handheld):** Cardioid, **Controls:** Individual volume control and frequency display for each channel on the receiver.Pref Brand. Studiomaster, Bosch, Sennheiser.	1 Set
07	Up to 200 Selectable UHF Single-Channel Non-Diversity Lapel Microphone with Frequency Range 40Hz-16KHz, **Display:** AF Level, RF Level, Channel, and Frequency Indication, **Sync:** Infrared (IR) setup. Pref Brand. Studiomaster, Bosch, Sennheiser.	01
08	2-Way 30 watt Compact PA Wall Speakers, Comprises of a Water Resistant PP coated cone Woofer, a Titanium Dome Tweeter and a 2-way Crossover Network. POWER RATING --30W RMS/45W Max. IMPEDANCE/VOLTAGE --8Ω / 100V, FREQUENCY RESPONSE --75-20,000Hz, SPEAKER--Woofer 100mm (4"), Tweeter 25mm (1"),DIMENSIONS --W180 × H248 × D140 mm, etc. Pref Brand-Ahuja,Sennheiser,Bosch	02
09	60 Watt amplifier with 4 Mic. & 1 Aux inputs, with frequency response 50-15,000Hz, **Power Output:** 65W RMS at 10% THD, 60W RMS at 5% THD, 50W RMS at 2% THD, **Dimensions:** Approx 300(W) × 100(H) × 300(D) mm Pref Brand-Ahuja,Sennheiser,Bosch	01
10	5 channel Audio Mixer, Model : Pref Brand-Ahuja,Sennheiser,Bosch	01
11	2X2 USB audio interface, Extreme low latency digital streaming, Connectivity technology – XLR, Number of channel input– 2,oprating system –window/ android, Mac IOS, audio input -- USB Pref Brand- Ahuja,Sennheiser,Bosch	01
12	Patch Cord(Connectivity Cables) for Video Conference	06
13	Finolex brand 2 core 1 sq mm speaker cable with laying	1 Coil
14	Total delivery, Installation & Commissioning charge for Display, conference systems with Boosting Cord.	Lot

Terms & Conditions: - (OEM ELIGIBILITY CRITERIA)

1. Manufacturer authorization. Bid Specific OEM authorization required to be furnished along with the tender quotation.
2. The OEM must be certified with valid ISO 9001:2015, ISO 45001:2018, ISO 27001:2022, ISO 14001:2015 certifications.
3. The OEM should have a Local Service Centre having minimum of two or more direct technical support staff and an office in Kolkata to ensure immediate technical support.
4. The OEM must be a Make in India manufacturer with a factory located in India. Relevant proof must be submitted.
5. The Interactive Displays, PTZ Cameras, must be sourced from a single OEM to ensure seamless integration and avoid compatibility issue.

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ANNEXURE - C

No. RNTCHDS/NIT/ROOM 2/26/02

Date 02.07.2026

FINANCIAL BID:-

Sl. No.	Component Description	Quantity/Duration	Unit Cost (₹)	Total Amount (₹)	GST (%)	GST Amount (₹)	Grand Total (₹)
1.	**Audio Visual Solutions for Class Room-2**	NA					

Terms:

- All rates must be quoted in INR and inclusive of applicable duties and levies.
- GST should be shown separately and will be paid as per government rules.
- No advance payment will be made.
- Payment shall be made on successful completion of each milestone (Quarterly or annually for AMC).

Declaration:

I/We certify that the rates quoted above are firm and final. No escalation in the above rates will be claimed during the execution of the contract. All statutory taxes and duties have been considered and included in the financial quote.

Name and Signature of the authorized person of the firm along with seal

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ANNEXURE - D

No. RNTCHDS/NIT/ROOM 2/26/02

Date 02.07.2026

1.	Name of the Firm / Agency:	
2.	Registration Number:	
3.	Telephone No. (Landline):	
4.	Fax No.:	
5.	Mobile:	
6.	Email Address:	
7.	Name & Address of Branch, if any:	
8.	Legal Status (Proprietary / Partnership / Private Limited / Public Sector):	
9.	Name of Proprietor / Partners / Directors of the Organization:	
10.	Name and Designation of Authorized Representative:	
11.	Details of PAN & GST (GST last month/quarter):	
12.	Valid Copy of Trade License (Submitted/ Not Submitted)	
14.	2 Years Income Tax Return (Submitted/ Not Submitted)	
15.	2 Years Gross Turnover (Submitted/ Not Submitted)	
16.	Credential Certificate (Submitted/ Not Submitted)	

Name and Signature of the authorized person of the firm along with seal

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