भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली
(शिक्षा मंत्रालय का एक स्वायत संस्थान, भारत सरकार के अधीन)
सैक्टर–81, नॉलेजसिटी, पो. ओ. मनौली, एस. ए. एस. नगर, मोहाली, पंजाब-140306

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI
(Established By Ministry of Education, Govt. of India)
Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab

Tender Ref. No.: IISER/AE(E)/25-26/AMC-1 **Date: 26.07.2025**

Notice Inviting Tender

1. The Assistant Engineer(E), on the behalf of the Director, IISER Mohali, invites online bids under two bid system i.e. technical bid and financial bid through E-Central Public Procurement Portal i.e. https://eprocure.gov.in/eprocure/app from eligible contractor for the work mentioned below.

Name of work:- AMC of conference system installed in Administrative building and Visitor's hostel at IISER Mohali.

E-Quotation Ref No : IISER/AE(E)/25-26/AMC-1
Estimated cost : INR 1,19,737/-
Earnest Money : INR 2,400/-
Stipulated period of work : The work shall be for the period of one year which can be further extended for two years (1+1)

Critical Date Section

S. No	Particular	Date	Time
1.	Tender publishing date and time	26.07.2025	06:55PM
2.	Tender documents download start date and time	26.07.2025	06:55PM
3.	Bid submission start date and time	26.07.2025	06:55PM
4.	Bid submission end date and time	02.08.2025	06:55PM
5.	Technical bid opening date and time	04.08.2025	09:30AM

1. Tender document may be downloaded from the website of E-Central Public Procurement portal (https://eprocure.gov.in/eprocure/app) and www.iisermohali.ac.in . Tender should be submitted online along with valid documents of eligibility criteria within the date mentioned above.

2. The Director, IISER Mohali shall be the “Accepting Authority” hereinafter referred to as such for the purpose of this contract.

3. For any information, other modifications and/or corrigendum may kindly visit IISER Mohali website http://www.iisermohali.ac.in and also publish on https://eprocure.gov.in/eprocure/app.

SUBMISSION OF TENDER:

Tender shall be submitted by the Bidders in two parts:

(i) Technical Bid. – Cover I (ii) Financial Bid. - Cover II

The two bid system will be followed for this tender. In this system the bidder must submit bid **on line at E-Procurement Portal(i.e. https://eprocure.gov.in/eprocure/app)** his offer in two covers. "**Cover No. l- Technical Bid along with requisite fee details and all forms under seal and signature of Bidder" mentioned below and "Cover No.2 - Financial Bid"** respectively.

The **Cove I** (Technical Bid) shall consist of following:

(i) Earnest Money -The bidder shall furnish as part of its bid, an EMD of Rs. 2,400/-. The EMD is to be submitted through Demand Draft of any Scheduled / Nationalized Bank (drawn in favour of "Registrar, IISER, Mohali") payable at Mohali.

(ii) Cost of Tender Form - The Cost of Tender Form Rs.590/- is to be submitted through Demand Draft of any Scheduled *1* Nationalized Bank (drawn in favour of "Registrar, IISER, Mohali") payable at Mohali.

Micro & MSME/NSIC and Firms registered and the firms registered with concerned Ministries/ Departments, the bidders are exempted from payment of Tender Fee/EMD as per GOI notifications/GFR (2017) and Ministry of Finance OM No. F.9/4/2020-PPD dated 12 November 2020.

Note - The original payment instrument like Demand Draft of any Nationalized Bank against Earnest Money and Cost of Tender Form sent to the address- **Assistant Engineer(E), IISER Mohall, Sector-81, knowledge City, PO- Manauli, SAS Nagar Mohal1 140306, Punjab** by post/speed post/courier/by hand before bid opening date & time

iii) **Important Documents uploads in .pdf format only:-**

a) Scanned copy of DD of EMD and Tender Fee. MSME/ NSIC certificate in lieu of EMD should be relevant to the work, for which tender is called.
b) Scanned copy of IT Return for the last three financial years.
c) Scanned copy of valid ESI and EPF number.
d) Scanned copy of valid PAN and GST number.
e) Scanned copy of work experience.
f) Scanned copy of Tender Accept Letter (Annx-C).

The Cover II (Financial Bid) shall consist of following:

* Schedule of price bid of in the form of BoQ_XXXXX.xls (Will be formulated according to the type of work)

-sd/-
Assistant Engineer(E),
IISER Mohali

NOTICE INVITING TENDER

NOTE: Bidder should to be fill AMC rates in BOQ1 & Consumable items rates during AMC in BOQ2

GENERAL CONDITIONS OF THE E-Quotation

1. NB- Original DD sends at Assistant Engineer(E), IISER Mohali, Sector 81, Knowledge City, SAS Nagar, Mohali-140306.
2. The tender shall be uploaded by (**As per Pg.1**) and Cover No. 1 only containing earnest money, conditions and tender documents shall be opened on the next working day. No consideration will be given to a tender received after the above stipulated time and date. Eligibility related documents shall be evaluated for criteria stipulated at 5 and agencies/contractors will accordingly be qualified/disqualified by the competent Authority. The financial bid (Cover No 2) of qualified tenderer shall then be opened at notified time, date. The rates of each item must be quoted in figures.
3. Rates to be inclusive of GST, etc.
4. E-Quotations must be submitted in two bid system i.e, **Technical & Commercial,** otherwise, their bid will be rejected.

5. **Eligibility Criteria**

a) Contractors/firms should have successfully completed, during last 7 years ending last day of the month previous to the one in which the bidding are invited, either three similar works costing not less than 40**%** or two similar works costing not less than 60**%** and one similar work costing not less than 80**%** of the estimated cost of the work.

Similar work means "**AMC of conference system/sound system/PA system/Video conferencing system/Audio video system**".

b) Average annual financial turn over during the last 3 (three) years ending 31st March of the previous year should at least be 30% of the estimated cost of work.
c) Not incurred loss in more than two years during the last five years ending 31st March of the previous year.
6. Rates to remain firm during the duration of work as well as for the extended period, if any. No escalation in rates will be allowed in any circumstances.
7. The contractor shall comply with all statutory requirements in respect of said work.
8. The quantity can be increase or decrease.
9. The work shall be for the period of one year which can be further extended for two years (1+1) to be reckoned from the day of issue of award letter, based on satisfactory performance and mutual consent.
10. Penalty of 0.5% per week shall be imposed for delay in work.
11. EMD of **Rs.2,400/-** in favour "**Registrar IISER Mohali"** payable at Mohali or MSME relevant to work.
12. Contractor to comply with all statuary requirements. The list of items installed in Conference System is attached in **Annx-D** for idea of scope of work. Kindly go through carefully.
13. Contractor to visit the site before quoting the rate and to Accutane himself with the nature of work.
14. Contractor should have adequate manpower to undertake such repair work in emergency condition.

-sd/-
Assistant Engineer(E)

SPECIAL TERMS & CONDITIONS OF CONTRACT

Safe custody and storage:

The agency shall have to submit a performance guarantee @2.5% of the quoted value.

SPECIAL CONDITIONS FOR REPAIR

1. The firm shall have to maintain the units in perfect working order during the entire period. In case the services are not rendered, as per the schedule the compensation for delay / liquidated damages shall be applicable @ 1.5% of the contract value per month of delay to be computed on per day basis.

2. The prices shall be firm for the entire period as stipulated.

3. In case of any accident / damage etc caused due to the negligence of the staff deployed by the firm, the loss shall have to be made good by the firm.

4. The firm has to carry out minimum one AMC visit per month and unlimited emergency visit on call basis. Besides, the firm may be asked to depute a technician during some important meeting (limited to two visits in a year).

5. AMC includes only inspection. Parts and spares are payable separately.

6. Checking of all cables, connections, connectors, controller units, mikes, cameras, speakers, power supply etc has to be carried out during each visit. Such checking may be carried out even before a meeting.

7. Checking of continuity of cabling etc regularly.

8. The material as appended at **Annx-B** shall be provided by the firm on stipulated rates. Any material out of the list to be quoted separately and will be provided by IISER.

9. The spare parts for replacement shall be of same brand. In case of any deviation, the same shall be got approved from the engineer-in-charge.

10. The rates quoted shall be inclusive of all wages, transportation charges, as required, incidental charges and contractor's profit and overhead. However, spares are chargeable extra.

11. The rates quoted for repair should be inclusive of all taxes, transportation, etc. Income tax shall be deducted from the bill of contractor at source at the rate as applicable from time to time, in accordance with the instructions / rules applicable in this regard.

-sd/-
Assistant Engineer (E)

Annx-A

Conference system installed in Administration building and Visitor's hostel

Sr. No.	Name of Building	Equipment installed at
1	Administration Building and Visitor's Hostel	Meeting room, BOG room
2	Administration Building and Visitor's Hostel	Senate room, Conference room

Sr.No.	Description of Item
1	Digital chairman unit with detachable gooseneck microphone, red or other colour LED status display on neck, configurable function button, integrated loudspeaker, headphone output, two RJ45 sockets. Make: Beyerdynamic.
2	Digital delegate unit with detachable gooseneck microphone, red or other colour LED status display on neck, clear button for active units, integrated loudspeaker, two RJ45 sockets. Make : Beyerdynamic
3	Digital controller with camera tracking function upto 60 microphone units, provision for SD card and REC button, RS232 interface, NOM function, automatic channel allocation etc. Make : Beyerdynamic
4	CAT5 shielded cable
5	Connectors for cat5 cable
6	Gooseneck microphone for chairman and delegate unit with LED ring. Make : Beyerdynamic/ Bosch/ Sennheiser/ Televic.
7	2 way 8 ohm open back can speaker, infinite baffle design, 19.05mm PEI dome tweeter etc. Make : Extron/ Bose/ L-Acoustic
8	Microphone base unit for chairman unit. Make: Beyerdynamic.
9	Microphone base unit for delegate unit. Make: Beyerdynamic.
10	Flexible thin rod connecting base unit with gooseneck microphone. Make : Beyerdynamic.

Annx-D

Total number of equipment's installed in Conference system in Administration building and Visitor's hostel

	Item	Qty
1	**Digital Chairman** unit with detachable Gooseneck microphone, Red LED on the gooseneck microphone displays ready-to-speak status, Configurable function button, Integrated loudspeaker with voice equalisation, Headphone output (3.5 mm stereo jack) with control to select volume and channel (original and 1 AUX-IN e.g. foreign language channel), Two RJ45 socket, Preferred **Makes :/Beyerdynamic**	2
2	**Digital Delegate** unit with detachable Gooseneck microphone, Red LED on the gooseneck microphone displays ready-to-speak status , Clear button to clear/deactiveate all active delegate microphone units, Integrated loudspeaker with voice equalisation, Headphone output (3.5 mm stereo jack) with control to select volume and channel (original and 1 AUX-IN e.g. foreign language channel), Two RJ45 sockets, of **Makes :/Beyerdynamic**	30
3	**Digital Controller** with Camera Tracking Function Up to minimum 60 Microphone Units, Glass panel for operation and to display individual menus and a status line, Illuminated corona to display standby or operating mode • Insertion for SD card and REC button to record audio signals, RS232 interface for control and configuration of the system, NOM function – max. Number of open Microphones, up to 8, Automatic audio channel allocation of the microphone units, Fixed audio channel per chairman unit (max. 8), Plug-in connections on the rear: 1x bal. audio master output via 3-pin XLR 1x unbal. audio master output via RCA phono 1x unbal. audio input via RCA phono 1x RS232 via 9-pin Sub-D 2 x microphone connections via RJ45; with CAT5 cables, Desktop housing of Preferred **Make: :/Beyerdynamic**	2
4	CAT 5 Shielded cable 2mtr Including Shielded Connector of Preferred **Makes :Beyerdynamic**	30
5	CAT 5 Shielded cable 20mtr Including Shielded Connector of Preferred **Makes : Beyerdynamic**	2
6	Gooseneck Microphone for Chairman and delegates unit with LED ring, Transducer type Condenser (electret), Close miking40 - 13,000 Hz Distant, Miking (distance 1 m) 200 - 13,000 Hz, SPL 112 dB [SPL @ 1% THD]* , Signal-to-noise ratio62 dB [A, rms]* , power supply 1.5 - 9 V DC , Microphone connection 5-pin XLR (male), Head diameter with pop shieldapprox. 25 mm [0.98"], Total length approx. 470 mm [18.5"] of Approved Make: Bosch/ Beyerdynamic /Sennheiser /Televic /Clock Audio	
7	1080p Camera for recording and tracking, Sensor 1/2.8" Minimum 2MP or better CMOS, Video Output1080p, NTSC / PAL, Optical Zoom minimum 20x or better, Panning Angle-1600° ~ +160°, Tilting Angle-30° ~ +90°, Preset Positions100 or more, Video Output(HD) InterfaceComponent, DVI, 3G-SDI, Video Output(SD) Interface-CVBS (C-Video), Camera Control Interface/Protocol , RS-232 / RS-422, Video S/N Ratio> 50dB, Shutter Speed1/1 ~ 1/10,000 sec, Focal Lengthf= 4.7 mm ~ 94 mm, Horizontal Viewing Angle63°, Minimum Illumination1.64 lux (F1.6, 50IRE, 30fps), Digital Zoom12x, White Balance Auto, of Approved Make :- Lumens /Clearone / VU telepresence / Sony	2
8	Dual channel Audio Amplifier of Minimum 100 watts per channel, Inputs: Balanced or unbalanced, Output power : 2 x 100 watts @ 4 ohms, Class D amplifier design, S/N 105 dB, 20 Hz - 20 kHz, unweighted, Convection cooled &fanless operation, Power factor correction, Auto power-down with fast power-up, Device Shall meet safety compliances under CE, c-UL, and UL of Approved Make :- Extron /Crown/L-Acoustic.	2
9	Two Way 8 ohm open back can speaker, infinite baffle design, 3/4" (19.05 mm) PEI dome tweeter, 6.5" (165.1 mm) polypropylene cone with moisture resistant coating, Frequency range: 50 Hz to 20 kHz, -10 dB, half space, 50 W (rms) continuous program, 25 W (rms) 110° conical dispersion of Approved Make :- Extron / Bose/L-Acoustic.	4
10	Four input Multiformat Presentation Switcher and scalar, Video scaling presentation switcher that shall support up to four or more inputs and one output for processing and switching of HDMI, HDTV, RGB, and composite video sources, Video Input Requirements: One or more 15-pin HD, configurable for RGB, component video, S-video, or composite video and Three HDMI inputs, Audio input Two or more balanced/unbalanced line level analog stereo inputs and Three embedded digital audio inputs on HDMI, Video Output Requirements: One HDMI, Audio output Requirements: One or more balanced/unbalanced analog stereo Audio and embedded digital Audio on HDMI output, Scaling : User selectable output rates from 640x480 to 1920x1200, including 1080p/60 and 2048x1080p/60, HDCP compliant, RS-232, contact closure with tally output, Shall meet safety compliances under CE, c-UL, and UL of Approved Make :- Extron /AMX/Analogway.	1
11	Camera switcher controller for two configurable bidirectional RS-232 ports and One configurable bidirectional RS-232/RS-422/RS-485 port, Shall Provide Two IR/serial ports: IR (using an IR emitter) or unidirectional RS-232 for control of AV system components, Shall provide Four low voltage relays: configurable for controlling lighting, controlling screens, or other device functions, Shall provide Four digital input/output ports: configurable for use as an interface with devices such as sensors, switches, LEDs, and relays, Shall support android or IOS tablet, SDRAM : 512 MB, Flash : 4.5 GB, Supprt protocols: ICMP (ping), IPv4, TCP, UDP, DHCP, DNS, HTTP, HTTPS, NTP, SFTP, SMTP, SNMP, SSH, RS-232/RS-422/RS-485 status, IR/serial status, digital I/O status, Shall meet safety compliances under CE, c-UL, and UL of Approved Make :- Extron /AMX/Analogway.	1
12	**Rack:** Equipment Rack for housing all rack mountable equipments with internal wiring, front glass door; heat dessipation fans; movement wheels, power distribution units etc. (Vall Rack/Comrack)	2

	Item	Qty.
13	**Chairman Unit**: Providing and fixing Digital unit with Microphone along with Conference multi-core cable for loops and connectors/ accessories as per following specifications: 1. Length of microphone 450-500 mm, 2. Built-in stereo headphone socket with Volume control. 3. Deterrence to mobile phone interference. 4. Plug-and-play functionality 5. Frequency response: 200 Hz to 12 kHz 6. Headphones load impedance > 30 ohms < 1k ohm 7. Loudspeaker nominal output: 72 dB 8. Bright and uniform band LED indicator	02 nos. (1+1)
14	**Delegate Unit**: Providing and fixing Digital unit with Microphone along with Conference multi-core cable for loops and connectors/ accessories as per following specifications: 1. Length of microphone 450-500 mm, flexible stem, LED indication for microphone On/Request to speak. 2. Built-in stereo headphone socket with Volume control. 3. Deterrence to mobile phone interference. 4. Plug-and-play functionality 5. Frequency response: 200 Hz to 12 kHz 6. Headphones load impedance > 30 ohms < 1k ohm 7. Loudspeaker nominal output: 72 dB 8. Bright and uniform band LED indicator.	30 nos. (18+12)
15	**Controller** Providing and fixing of Digital Controller and Power Supply Unit for control and management of conference system for 75-80 Discussion Devices with following specifications:- 1. Control of microphone operating mode and loudspeaker volume via front panel 2. Operating modes – Open/ Override/ Voice activated/ Push to talk (PTT) mode 3. Built-in feedback suppressor or external feedback suppressor. 4. Ethernet port for communication 5. Built-in digital recorder or an external recording via USB/SD Card 6. Audio recording. 7. Port for Automatic HD camera control 8. Supply voltage: 100 to 240 VAC ± 10% 9. Current consumption : 0.6 A to 0.2 A 10. DC supply to contribution units: 24 V ± 1 V having sample frequency 40-42 kHz. 11. THD at nominal level <0.5 12. Frequency response: 30 Hz to 20 kHz S/N Raio> 94 dBA	02 nos.

Annexure-C

TENDER ACEPTANCE LETTER

(To be given on Company Letter Head)

Date:

To,

Assistant Engineer(E)

IISER Mohali

Sub: Acceptance of Terms and Conditions of Tender.

Tender Reference No.: IISER/AE(E)/25-26/AMC-1

Name of Tender/Work:- AMC of conference system installed in Administrative building and Visitor's hostel at IISER Mohali at IISER Mohali

Dear Sir

1. I/We have downloaded/obtain the tender documents(s) from the above mentioned Tender/Work from the website(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I/We hereby certify that I/We had read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedule(s), etc.) which from part of the contract agreement and I/We shall abide hereby by the terms/conditions/clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/organization too have also been taken into consideration, while submitting the acceptance letter.

4. I/ We hereby unconditionally accept the tender conditions of above mentioned tender document(s) in its totality/entirety.

5. In case any provision of this tender are found violated, then your department/organization shall without prejudge to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the bidder, with official seal)