



## भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित  
सैक्टर 81, नॉलेज सिटी, पी. ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब –140306  
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI  
Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab

PAN NO. - AAAAI1781K TAN NO. PTLI10692D

### IISER Mohali

• Phone : +91-172-2240086,2240121 • Fax : +91-172-2240124, 2240266 • <http://www.iisermohali.ac.in> • Email: [stores@iisermohali.ac.in](mailto:stores@iisermohali.ac.in)

IISERM(E-tender/01/09)16/17/Pur

Dt: 27.12.2016

### e- Tender Notice

Online tender(s) are invited on behalf of the Director, IISER Mohali at the E-Procurement Portal i.e. (<https://eprocure.gov.in/eprocure/app>) for the following items.

Sr.	Tender Ref. No.	Description	Due date and time for upload tender
01	IISERM(696)16/17Pur	10 KVA UPS	12-01-2017 up to 12.30pm
02	IISERM(716)16/17Pur	Boom barrier at main gate	12-01-2017 up to 11.30am
03	IISERM(717)16/17 Pur	Gooseneck Microphone	16-01-2017 up to 10am
04	IISERM(718)16/17 Pur	Single/double syringe pump	16-01-2017 up to 1pm
05	IISERM(719)16/17 Pur	High temperature tube furnace	16-01-2017 up to 1pm
06	IISERM(720)16/17 Pur	Ultrasound pulser receiver	17-01-2017 up to 12.30pm
07	IISERM(721)16/17 Pur	Passive networking components	13-01-2017 up to 10am
08	IISERM(722)16/17 Pur	Washing machine (Buy back offer)	12-01-2017 up to 11.am
09	IISERM(723)16/17 Pur	Helium cylinder cart	12-01-2017 up to 11.30am

For detail and apply online, please visit the website <http://eprocure.gov.in/eprocure/app>.  
"http://[www.iisermohali.ac.in](http://www.iisermohali.ac.in)". Bid(s) shall be accepted only through online mode and no manual submission of the same shall be entertained except tender fee and EMD. Late tenders will not be accepted. .

—sd—

Assistant Registrar ( S&P)



IISER Mohali

# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

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सैक्टर 81, नॉलेज सिटी, पी. ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब –140306  
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI  
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*CPPP/Institute Website/Newspaper*

## **E-TENDER NOTICE**

Tender Ref.- IISERM(717)16/17Pur	Dated :- 27 <sup>th</sup> December 2016
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### **Critical Date Sections:-**

Sr. No.	Description	Date	Time
1.	Tender Publishing Date and time	28 <sup>th</sup> December 2016	5 pm
2.	Tender Document download start Date & Time	28 <sup>th</sup> December 2016	5 pm
3.	Bid Submission start Date & Time	28 <sup>th</sup> December 2016	5 pm
4.	Bid Submission End date and Time	16 <sup>th</sup> January 2017	Up to 10 am
5.	Tender opening Date and Time	17 <sup>th</sup> January 2017	At 11.30 am

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** {Technical and Commercial separate} for following item(s) from the original manufacturer/supplier at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app> & Institute website <http://www.iisermohali.ac.in>. Tender fee in shape of DD/Banker Cheque of Rs 500/- (Non-refundable) and EMD of Rs 75,000/- should be submitted by DD /Banker Cheque/FDR/ Bank Guarantee in favour of the Registrar, IISER Mohali payable at Mohali. However, scanned copy of the both tender fee and EMD should be upload on website along with technical bid part. The hard copy of the same in original to be send to the address mentioned below duly superscribing the supply/work name and reference/ tender ID on the envelope and same must reach before opening the bid and if not received within due date the bid will be rejected summerly.

### **The Original EMD and tender fee should be sent to**

Assistant Registrar (S&P)  
Indian Institute of Science Education and Research,  
Mohali Sector 81, SAS Nagar, Mohali, Punjab,  
India, Pin: 140306

**Non-receipt of original EMD and tender fee will lead to rejection of tender.**

### **Item Details:-**

<b>Sr. No</b>	<b>Description</b>	<b>Qty.</b>
1.	<b><u>Digital Chairman</u></b> 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 : Bosch/Beyerdynamic / Sennheiser / Televic/ Clock Audio	02 Nos
2.	<b><u>Digital Delegate</u></b> unit with detachable Gooseneck microphone, Red LED on the gooseneck microphone displays ready-to-speak status , Clear button to clear/deactivate 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 Preferred Makes : Bosch/Beyerdynamic / Sennheiser / Televic/ Clock Audio	30 Nos
3.	<b><u>Digital Controller</u></b> 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: Bosch/Beyerdynamic / Sennheiser / Televic/ Clock Audio.	01 Nos
4.	CAT 5 Shielded cable 2mtr Including Shielded Connector of Preferred Makes : Bosch/Beyerdynamic / Sennheiser / Televic/ Clock Audio.	30 Nos
5.	CAT 5 Shielded cable 20mtr Including Shielded Connector of Preferred Makes : Bosch/Beyerdynamic / Sennheiser / Televic/ Clock Audio.	01 Nos
6.	Gooseneck Microphone for Chairman and delegates unit with LED ring, Transducer type Condenser (electret), Close miking 40 - 13,000 Hz Distant, Miking (distance 1 m) 200 - 13,000 Hz, SPL 112 dB [SPL @ 1% THD]* , Signal-to-noise ratio 62 dB [A, rms]* , power supply 1.5 - 9 V DC , Microphone connection 5-pin XLR (male), Head diameter with pop shield approx. 25 mm [0.98"], Total length approx. 470 mm [18.5"] of Approved Make: Bosch/ Beyerdynamic /Sennheiser /Televic /Clock Audio	32 Nos
7.	1080p Camera for recording and tracking, Sensor 1/2.8" Minimum 2MP or better CMOS, Video Output 1080p, NTSC / PAL, Optical Zoom minimum 20x or better, Panning Angle-1600° ~ +160°, Tilting Angle-30° ~ +90°, Preset Positions 100 or more, Video Output(HD) Interface Component, DVI, 3G-SDI, Video Output(SD) Interface CVBS (C-Video), Camera Control Interface/Protocol , RS-232 / RS-422, Video S/N Ratio > 50dB, Shutter Speed 1/1 ~ 1/10,000 sec, Focal Length f= 4.7 mm ~ 94 mm, Horizontal Viewing Angle 63°, Minimum Illumination 1.64 lux (F1.6, 50IRE, 30fps), Digital Zoom 12x, White Balance Auto, of Approved Make :- Lumens /Clearone / VU telepresence / Sony	01 Nos

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.	01 Nos
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.	02 Nos
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.	01 Nos
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.	01Nos
12.	<b><u>Rack:</u></b> 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)	01 Nos

**NB:-**

1. Warranty Two years.
2. OEM/Authorized dealer of M/s Bosch/Beyerdynamic / Sennheiser / Televic/ Clock Audio are eligible. Respective OEM's to authorize only one vendor to quote, a certificate of which should be enclosed with the technical bid.
3. Should have executed at least one similar work of installing audio – video system in State/Central Govt/State/Central PSU's/Autonomous body valuing Rs.15 lakh.
4. Bids: Submission under two bids or else bids will be rejected. Quotes in two Bid (Part- 1 to have upload – Scan copy-EMD, Tender fee and Technical Literature, Authorization

Certificate, work experience as stated above. Part- 2 to have price detail of the said items only. The bids not uploaded in the manner as indicated above will be rejected). Agency who qualifies technically will be only eligible for the purpose of opening of price bids.

5. The vendor who is awarded work will be require to validate the system, train the IISER Mohali staff for two weeks and undertake to operate at least two programmes to be organized in the two conference halls.
6. Time of completion eight weeks.

### **SUBMISSION OF TENDER**

- I. All bid/ tender documents are to be uploaded online at Central Public Procurement portal i.e <https://eprocure.gov.in/eprocure/app> only and in the designated cover/ part on the website against tender ID. Technical bid and financial bid shall be submitted in the designated online cover/part. Tenders/ bids shall be accepted only through online mode and no manual submission of the same shall be entertained except tender fee and EMD. Late tenders will not be accepted.
- II. The online bids shall be opened at the office of the Assistant Registrar (P&S), IISER Mohali, on above given date and time. If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be attended on the next working day at same time and place. IISER Mohali will not be responsible for any error like missing of schedule data while downloading by the Bidder.
- III. The bidder shall upload the tender documents duly filled in and stamped by the authorized signatory on each and every page. Tender not submitted/uploaded in the prescribed form and as per the tender terms and conditions shall be liable for rejection.
- IV. The bidder shall upload scanned copy of the TIN number, PAN Card, VAT registration certificate/VAT return, Service tax registration number duly signed and stamped.
- V. E-procurement system ensures locking on the scheduled date and time. The system will not accept any bid after the scheduled date and time of submission of bid.

### **INSTRUCTIONS**

1. The Online bids should be submitted directly by the original manufacturer/supplier, If quotation is submitted/filled by any representative/agent/dealer then they must upload a authority certificate from the principal company for quoting the price otherwise such quotation will be rejected.
2. The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute. Before the deadline for submission of the online bid, IISER Mohali reserves the right to modify the tender document terms and conditions. Such amendment/modification will be notified on website against said tender ID
3. The rates offered should be FOR Chandigarh/Mohali in case of firms situated outside Chandigarh/Mohali, and free delivery at the Institute premises in case of local firms.

Supplier from outside India should mention the Ex-works/FOB/FCA/CIF/CIP price clearly. Conditional tenders will be summarily rejected.

4. In case of Ex-godown terms the amount of packaging forwarding freight etc should clearly be indicated by percentage or lump sum amount. Institute has policy not to make any advance payments towards any purchase, Letter of credit can be opened if required.
5. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY under notification no- 51/96 –CUSTOM DATED 23/7/1996 AND DSIR REGISTRATION NO TU/V/RG/- CDE(1062)/2011 DT. 02/09/2011 / EXCISE NOTIFICATION NO. 10/97- CENTRAL EXCISE DT. 01.03.1997.
6. Tax: This Institute is not exempted from the payment of Sales Tax/Service Tax/VAT. The current rate (i.e. percentage of Sales Tax should be clearly indicated included or excluded) wherever chargeable. Please also provide/upload the copy of PAN card, TIN number, Service tax number, Sales tax number duly self-attested.
7. The delivery period should be specifically stated. Earlier delivery will be preferred
8. The firms are requested to provide/upload detailed description and specifications together with the detailed drawings, printed leaflets and literature of the article quoted. The name of the manufactures and country of manufacture should also invariably be stated. In the absence of these particulars, the quotation is liable for rejection.
9. Validity of offer: 90 days. The warranty period after satisfactory installation should be mentioned and firm should replace all manufacturing defect parts/ whole item under warranty without any extra cost including clearance, freight, taxes. Security deposit/ Bank Performance Guarantee @ 10 % of the value of supply order as per norms may be sought from the firms.
10. The right to reject all or any of the quotation and to split up the requirements or relax any or all the above conditions without assigning any reason is reserved by the IISER Mohali. For any corrigendum and addendum please be checked the website <https://eprocure.gov.in/eprocure/app> and <http://www.iisermohali.ac.in>
11. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

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(Mukesh Kumar)  
Assistant Registrar (S&P)