



IISER Mohali

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
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CPPP/Institute Website/Newspaper

E-TENDER NOTICE

Tender Ref.- IISERM(711)16/17Pur/02

Dated :- 27th February 2017

Critical Date Sections

Sr.	Description	Date	Time
1	Tender Publishing Date and time	27 th February 2017	5pm
2	Tender Document download start Date & Time	27 th February 2017	5pm
3	Bid Submission start Date & Time	27 th February 2017	5pm
4	Bid Submission End date and Time	21 st March 2017	Up to 11am
5	Tender opening Date and Time	22 nd March 2017	At 11:30am

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 1,000/- (Non-refundable) and EMD of Rs 1,20,000/- 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: -

Sr.	Description
01	Data Centre Infrastructure (As per enclosed specification)

Data Centre Infrastructure

- A) Bids are invited to develop data centre infrastructure at IISER Mohali. The requirements are:
1. Two 42U racks for Servers and Workstations.
 2. Present power requirement is expected to be 30 kW and the maximum power usage for this facility is 50 kW.
 3. Redundant power supply for all equipment.
 4. Power backup with inbuilt redundancy with a backup time of 30 minutes for maximum power usage envisaged.
 5. Chilled water based rack cooling systems.
 6. Blanking panels for unused slots in server racks.
 7. Power backup for cooling systems.
 8. UPS with three phase input. UPS and batteries are to be enclosed inside racks. The entire unit must come with fire safety certifications. A phase sequence corrector should be built into the UPS or supplied with it. Racks used for UPS and batteries is separate from the two racks for compute equipment.
 9. Equipment and environment monitoring with web interface, e-mail and SMS alerts in case of an alarm. It is the responsibility of the vendor to arrange an SMS gateway, SIM card or any other material required for the alerts.
 10. Cable management.
- B) This is to be arranged in a hall (7m x 8m) with false ceiling at a height of 2300mm. Chiller water will be made available inside the hall. Input power will be available from multiple points, within a distance of 10m from the hall.
- C) Interested parties may visit the site after taking time from undersigned. Queries about all aspects of the tender will be entertained at the same time. Apart from the given time/date slot, vendors are requested to send queries by e-mail to headcc@iisermohali.ac.in
- D) Three years of comprehensive onsite warranty must be quoted for all components. As an option, extending this for two more years should be quoted in the financial bid.
- E) The supplier will be expected to post an engineer on site for two weeks after completion of installation.
- F) Training of our staff members for administration, management and usage of all equipment is to be provided on site as a part of this order.
- G) Technical and financial bids must be submitted in separately.
- H) Comparison of bids for proposals that meet the basic criterion will be made on the following technical grounds:
- I) Acceptability of the proposed solution: 30 points.
 - II) Efficiency of the proposed power backup system: 10 points.
 - III) Power usage of the proposed cooling system; 10 points.
- I) 50 points will be reserved for comparison of financial bids.

J) Technical data to be submitted by the vendor:

Sr.	Item	Details
1.	Contact E-Mail IDs for technical clarifications and other notices (up to three e-mail IDs may be given).	
2.	Model Number for Server racks	
4.	Model Numbers for Power Distribution units used inside racks.	
6.	Details of remote monitoring of PDUs over the network, if available.	
7.	Size of PDUs in terms of slots used in server racks.	
8.	Model Number for the cooling unit and accessories used in the proposed solution.	
10.	Nominal cooling capacity of the proposed cooling units.	
11.	Cooling capacity of the proposed cooling units if the return air is at 35° C	
12.	Details of remote monitoring and alarm systems for the cooling system over the network.	
13.	Model Number for the false floor and accessories used in the proposed solution.	
15.	Model Number for the UPS, PDUs and Distribution boxes used in the proposed solution.	
17.	Data on efficiency of the UPS system at half load, and at 90% load.	
18.	Data on backup time for each UPS at half load, and at 90% load.	
19.	Details of remote monitoring and alarm systems of UPS over the network.	
20.	Model Number for environmental monitoring used in the proposed solution.	

- K) Detailed write-up of the overall solution highlighting various aspects must be submitted as the core of the technical bid.
- L) Detailed technical specifications for each and every component must be submitted with the technical bid.
- M) A list of fire safety and other safety/security related certifications for each equipment must be submitted with the technical bid. All quality and safety compliance certificates should also be listed in the technical bid.
- N) In addition, the following diagrams must be submitted with the technical bid.

S. No.	Item
1.	A detailed sketch/line diagram of the proposed solution with dimensions.
2.	A detailed circuit diagram of the proposed solution for power supply and backup.
3.	A detailed diagram of chiller flow in the proposed solution.

- O) Bids must be accompanied by an authorization from each OEM. The authorization should be specific to this bid and should quote the Tender Number.

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. 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. The product should be ISO certified.

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)