



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित

सैक्टर 81, नॉलेज सिटी, प.ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब 140306

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI

(Established by Ministry of Human Resource Development, Govt. of India)

Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab

PAN No. - AAAAI1781K TAN No. PTLI10692D

• Phone : +91-172-2240086 & 2240121 • Fax : +91-172-2240124, 2240086 • <http://www.iisermohali.ac.in> • Email: stores@iisermohali.ac.in

CPPP/Institute Website

IISERM(875)17/18Pur

Dated- 09th November 2017

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** {Technical and Commercial} for the supply of Electronics/Equipments(s) racks, coolant based server racks and compatible PDU,s for EHEP lab as per technical specification given below and BOQ list 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 www.iisermohali.ac.in.

-sd-

(Mukesh Kumar)

Assistant Registrar (S&P)



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित
सैक्टर 81, नॉलेज सिटी, प०ओ० मनोली, एस० ए० एस० नगर, मोहाली, पंजाब 140306

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI

(Established by Ministry of Human Resource Development, Govt. of India)
Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab
PAN No. - AAAAI1781K TAN No. PTLI10692D

• Phone : +91-172-2240086 & 2240121 • Fax : +91-172-2240124, 2240086 • <http://www.iisermohali.ac.in> • Email: stores@iisermohali.ac.in

CPPP/Institute Website

E-TENDER NOTICE

Tender Ref.- IISERM(875)17/18 Pur

Dated :- 09th November 2017

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	09 th November 2017	6:00pm
2.	Tender Document download start Date & Time	09 th November 2017	6:00pm
3.	Bid Submission start Date & Time	09 th November 2017	6:00pm
4.	Bid Submission End date and Time	04 th December 2017	Upto 11:00am
5.	Tender opening Date and Time	05 th December 2017	At 11.30 am

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** {Technical and Commercial separately} 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 www.iisermohali.ac.in. Tender fee in shape of DD/Banker Cheque of Rs 500/- (Non-refundable) and EMD of Rs. 40,000/- 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 summarily.

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.	Details of Specifications	Qty.
1	Electronics/Equipment's(s) racks, coolant based server racks and compatible PDU,s for EHEP lab) Specification enclosed	
A1	Server rack - Specification enclosed	01
B1	Four post open rack : Equipment rack (42U)- Specification enclosed	01
B2	Two post open rack :45U- Specification enclosed	01
B3	Four post open rack : Equipment rack (45U)- Specification enclosed	02
B4	Four post open rack : Equipment rack (45U) clean compatible	07 mtr.
B5	Accessories like cable tray- Specification enclosed	05
C1	PDU strip type (Vertical installation)- Specification enclosed	05
C2	PDU 19" rack mountable type- Specification enclosed	02

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. 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 PAN Card, GST 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


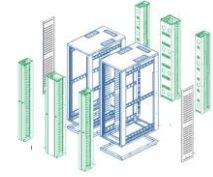


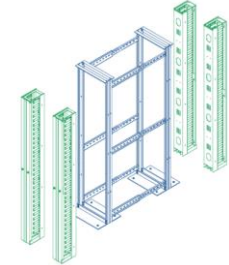
1. The Online bids should be submitted directly by the original manufacturer/supplier, If quotation is submitted/filled by any representative/agent/dealer then they must upload a authority certificate from the principal company for quoting the price otherwise such quotation will be rejected.
2. The quantity 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.

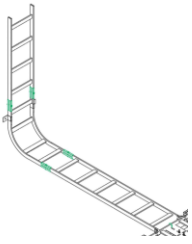
4. In case of Ex-godown terms the amount of packaging forwarding freight etc. should clearly be indicated by percentage or lump sum amount. Institute has policy not to make any advance payments towards any purchase, Letter of credit can be opened if required.
5. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY under notification no- 51/96 – CUSTOM DATED 23/7/1996 AND DSIR REGISTRATION NO TU/V/RG/-CDE(1062)/2016 DT. 30/08/2016 / EXCISE NOTIFICATION NO. 10/97- CENTRAL EXCISE DT. 01.03.1997.
6. Tax: This Institute is not exempted from the payment of GST. 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, GST 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.

-sd/-
(Mukesh Kumar)
Assistant Registrar (S&P)

Electronics/equipment's racks, coolant based server racks and compatible PDUs for EHEP Lab in IISER Mohali

Sln	Specification	Possible Pictures*	Quantity
A. Coolant based server racks solutions			
A.1	<p>Server Racks: coolant based server racks solutions</p> <ul style="list-style-type: none"> • Required Usable 'space: 42U or more • Cooling capacity: at least 12KW or more (Should work as redundant if load is below 6KW) • Outdoor climate control with Inverter technology: Should be based on inverter technology using R 410A or ozone friendly refrigerant. Indoor-outdoor distance will be around 8-9m. • IP Based power Distribution Units for racks: Vertical intelligent PDUs with socket level remote switching, metering and Monitoring features; • Three phase power input for PDU (redundant UPS power will be provided); 3Phase power supply will be provided for for cooling power requirements. • Cable management system should also be provided • Planking Panel should be provided 40% of total usable 'U' • Minimum Alarm System: Temp./ humidity Monitoring; Water leak detection; Smoke detection; • Separate quotation should be submitted for fire suppression kit (Not mandatory) • Preventive Maintenance for entire period of warranty should be covered by vendor (in every 6 months without any down time) 	-	One Completely Integrated Solution
B. Equipment/Electronics Racks and PDUs			
B.1	<p>Four Post Open Racks: Electronics Racks (42U)</p> <p>Double racks with intermediate joins for cable routing</p>		1

<p>B.2</p>	<p>Two post open racks: 45U</p> <ul style="list-style-type: none"> • 2 post Racks should have adjustable and foldable depth member to adjust site requirement. • Double racks with all side cable routing as shown in figure • Should be powder coated or anodized to avoid oxidation or corrosion • Should have universal alternating hole pattern in the mount posts • Static Weight capacity should be more than 1200KG • Should include vertical cable organizer free standing on floor and bolted to open rack. Center: 15” and Side one should be of 6”; both sides there should be cable organizer. 		<p>1</p>
<p>B.3</p>	<p>Four Post Open Racks: Equipment Racks (45U)</p> <ul style="list-style-type: none"> • 4 post Racks should have adjustable and foldable depth member to adjust site requirement. • Double racks with all side cable routing as shown in figure • Should be powder coated or anodized to avoid oxidation or corrosion • Should have universal alternating hole pattern in the mount posts • Static Weight capacity should be more than 1200KG • Should include vertical cable organizer free standing on floor and bolted to open rack. Center: 15” and Side one should be of 6”; both side there should be cable organizer. 	 	<p>1 (Two Racks in one solutions)</p>
<p>B.4</p>	<p>Four Post Open Racks: Equipment Racks (45U) (Cleanroom compatible)</p> <ul style="list-style-type: none"> • 4 post Racks should have adjustable and foldable depth member to adjust site requirement. • Should be powder coated or anodized to avoid oxidation or corrosion • Should have universal alternating hole pattern in the mount posts • Static Weight capacity should be more than 1200KG • Ability to add cable organizers for cable organizing and routing • Single racks with both side cable routing • Should include vertical cable organizer free standing on floor and bolted to open rack. Side vertical cable organizer should be of 6”; both side there should be cable organizer. 	 	<p>2</p>

B.5	<p>Accessories:</p> <p>Cable management Trays:</p> <ul style="list-style-type: none"> • Wall to racks: around 1.5m (2pcs) • Racks to racks: around 2 m (2 pcs) <p>Compatible Plinth, casters and levelers for all above racks specified in section (B)</p>		
-----	--	---	--

C. Intelligent Power Distribution Units (PDUs)

C.1	<p>PDUs: Strip type (Vertical Installation)</p> <ul style="list-style-type: none"> • Single Phase input strip type, vertical mount; to be fit in 42U racks • Power delivery/capacity more than 3.0kW per arrays of PDU • Outlets should be preferably Inlet plug type, Indian round pin (6/16A), central MCB. (preference will be given to Indian Round pin, but if it is not available vendor may quote for C13-14/C19-20 type outlet) • At least 12 or more sockets • Individual outlet level metering • Individual Outlet level switching • It should monitor Volts, current, kW, KVA, kWh, power factor, crest factor, frequency • It should monitor Volts, current, kW, KVA, kWh, power factor, crest factor, frequency • Individual remote switching capability • Should have remote metering facility • Remote Management Capabilities (Web Interface, CLI, SNMP, SSH and Telnet) • Vendor must clearly mention about all available input options 		5
C.2	<p>PDU 19” rack mountable type</p> <p>All specs that are mentioned in C.1</p>		2

General guidelines

1	<p>All these pictures are picked from google and they don't refer to any individual company or vendor. Vendor must provide their own pictures and layouts</p>		
2	<p>Picture of modules should provided along with the technical bid</p>		
3	<p>Vendor may bid all A, B, C together or separately, however</p>		

	the bids will be consider separately.		
4	Vendor should provide 5 years of comprehensive warranty for all PDUs and on racks.		
5	Questions of bidder will be answered by date- 27/11/2017 ; no queries will be entertained after this date.		