



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली
मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित
सैक्टर 81, नॉलेज सिटी, प० ओ० 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. - AAAA1781K GST: 03AAAAI1781K2ZS

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

CPPP/Institute Website

IISERM (1075)18/19-Pur

Dated : 25.10.2018

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** for **Supply and installation of UPS System for Analytical Instrumentation** from reputed companies/firms/ individuals/ societies etc. those are in the similar business 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)



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E-TENDER NOTICE

Tender Ref.- IISERM(1075)18/19-Pur

Dated :- 25th October, 2018

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	25 th October, 2018	6:00pm
2.	Tender Document download start Date & Time	25 th October, 2018	6:00pm
3.	Bid Submission start Date & Time	25 th October, 2018	6:00pm
4.	Bid Submission End date and Time	15 th November, 2018	Upto 11:00am
5.	Tender opening Date and Time	16 th November, 2018	At 11.30 am

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** 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 590/- (Non-refundable) and EMD of Rs.6000/- 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:

S. No.	Details of Specifications of the Stores	Qty.
1.	Supply and installation of UPS System for Analytical Instrumentation <u>Technical Specifications:</u> As per attached Annexure-A	As per enclosed specification / Qty.

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- TU/V/RG/-CDE(1062)/201 CUSTOM DT.30.08.2016.
6. Tax: This Institute is not exempted from the payment of GST. The current rate (i.e. percentage of GST should be clearly indicated included or excluded) wherever chargeable. Please also provide/upload the copy of PAN card, GST number duly self-attested.
7. Concessional GST is applicable for all the items purchased for Research labs vide Ministry of Finance, notification no. 45/22017 dated 14.11.2017 and 47/2017 dated 14.11.2017.
8. Bidder/s quoting in currency other than **Indian Rupee (INR)** should explicitly mention the currency in which tender quoted wherever applicable in Technical Bid along the tender documents.
9. The delivery period should be specifically stated. Earlier delivery will be preferred.
10. 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.
11. 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.
12. 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>
13. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

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

**COMPLIANCE STATEMENT TO TECHNICAL SPECIFICATIONS OF THE UPS FOR ANALYTICAL
INSTRUMENTATION**

PARAMETER	REQUIRED SPECIFICATION
Topology	True Online Double Conversion Power Recreation
Isolation	Regenerated neutral for load with Galvanic Isolation between mains and load in all modes including bypass
Rectifier Design	Fully controlled
Charger Design	Dual-Step (Float/ Boost), low ripple CVCC battery charging
Inverter Design	Advanced Sine-weighted high frequency PWM using IGBT with instantaneous sine-wave control
Duty	Continuous operation.
Construction	Compact with user-friendly display and rack / tower convertible
Mounting / Installation	to be mounted in a 19" IT rack of suitable height so as to provide single self-standing unit with provision to lock the unit with batteries and isolation devices
Input	
Voltage Range	340-470V, 3 Phase
Input Phase Sequence Reversal	The UPS should keep working normally and should charge the batteries also
Frequency Range	46 to 54 Hz
Connector type	Hardwire
Output	
Power Rating	10 KVA/10KW, 230 V, 1 Phase
Output Current	@ 230 V AC = 43 A continuous
Voltage Regulation	± 1%
Waveform	Sine wave
Frequency Range	46 to 54 Hz
Harmonic Distortion	Less than 3% on linear load
Power Factor	Unity to 0.7 lag within specified power ratings
Load Crest Factor	3:1 without derating
Connector type	Hardwire
AC-AC Energy Loss in Online Double Conversion Mode	Less than 8%
AC-AC Energy Loss in Green / Eco / High-Efficiency Mode	Less than 2%
Overload Rating	110% for 15 minutes 125% for 1 minutes
Battery	
Type	Sealed Lead Acid Maintenance Free
Back-up Time	30 Minutes on 8 KW Load. Battery required : 9800 VAh Minimum
Battery Installation	Batteries to be installed in a protective casing
Protection	
Input	Input under/ over voltage
Output	Input under/ over voltage, output overload and short circuit
Battery	Battery under/ over voltage
Environmental	
Operating Temperature	0 to 45 °C (50 °C Peak)
Relative Humidity	Upto 95% Non-condensing
Audible Noise	< 55 dB at 1 meter
Ingress Protection	IP21
Cooling	Forced Air Cooling
UPS connectivity over the IT network (preferable)	
SNMP Card with Network Shutdown software	IP based required for WINDOWS with capability to monitor, control and systematically shut-down the network over the LAN without dedicated computer
Automatic E-mail Alerts	UPS Should send automatic E-mail alerts in the case of any abnormal alarm or event
Warranty	

Warranty	Minimum 1 years for UPS and Batteries
CMC	4 years following Warranty period (including consumables, spare parts, batteries) to cover total project duration
On-site service response time	Response within 24 hours of complaint and repair within 48 hours. Specify onsite service response and repair time in the quotation.
Temporary replacement	In case repair within 48 hours is not feasible a temporary replacement till the original UPS has been repaired will be provided to insure uninterrupted data acquisition.