भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित

सैक्टर 81,नॉलेजसिटी,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 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 (1107)18/19-Pur Dated : 12.12.2018

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** for **Supply and installation of 30 KVA ONLINE-UPS 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)

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित

सैक्टर 81,नॉलेजसिटी,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 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

E-TENDER NOTICE

Tender Ref.- IISERM(1107)18/19-Pur	Dated :- 12th December, 2018

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	12th December, 2018	6:00pm
2.	Tender Document download start Date & Time	12th December, 2018	6:00pm
3.	Bid Submission start Date &Time	12th December, 2018	6:00pm
4.	Bid Submission End date and Time	29th December, 2018	Upto 11:00am
5.	Tender opening Date and Time	31st December, 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.13,000/- 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:

S. No.	Details of Specifications of the Stores	Qty (in units)
1.	**Supply and installation of 30 KVA ONLINE-UPS for Analytical Instrumentation** **Technical Specification: As per ANNEXURE-I**	**1 No.**

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)

ANNEXURE-I

COMPLIANCE STATEMENT TO TECHINCAL SPECIFICATIONS OF THE UPS FOR ANALYTICAL INSTRUMENTATION

ALL VENDORS ARE REQUIRED TO FILL-UP THE `OFFERED SPECIFICATIONS' COLUMN
(Vendor not filling-up this format will be rejected)

SPECIFICATIONS FOR 30 KVA ONLINE U.P.S. SYSTEM WITH 30 MINUTES BACK-UP		
PARAMETER	**REQUIRED SPECIFICATION**	**OFFERED SPECIFICATION**
Topology	True Online Double Conversion Power Recreation	
Isolation	Regenerated Output Neutral for Galvanic Isolation between Mains and Load	
Rectifier Design	Fully Controlled	
Charger Design	Low Ripple CVCC Battery Charging	
Inverter Design	Advanced Sine-weighted High Frequency PWM using IGBT with Instantaneous Sine-wave Control	
Duty	Continuous Operation.	
INPUT		
Voltage Range	340 to 470 V, Three Phase	
Frequency Range	47 to 53 Hz	
Input Phase Sequence Reversal	UPS should keep working normally without draining the batteries	
OUTPUT		
Power Rating	30 KVA / 30 KW, 400 V, 3 Phase	
Output Current	Continuous Output Current = 43.3 A Per Phase	
Voltage Regulation	$\pm$ 1%	
Frequency	50 Hz $\pm$ 0.05% Crystal Controlled	
Waveform	Sine Wave	
Harmonic Distortion	Less than 2% on linear load	
Power Factor	Unity to 0.7 lag within specified power ratings	
Load Crest Factor	3:1 without derating	
Overload Rating	125% for 10 minutes 150% for 1 minute 300% for 10 milliseconds The UPS should not trip in case of Start-up of Any Load at the Output within the above specifications	Specify Output Current @ 400 V and 125% load: Specify Output Current @ 400 V and 150% load : Specify Output Current @ 400 V and 300% load :

Continued..2…

PARAMETER	REQUIRED SPECIFICATION		OFFERED SPECIFICATION	
BATTERY				
Type	Sealed Lead Acid Maintenance Free			
Back-up Time	30 Minutes on full load. Battery Required : For 30 KVA / 30KW UPS : 33000 VAh Minimum		Specify No. Of Batteries : Specify Voltage of Each Battery : Ampere-Hour Rating of Each Battery :	
Battery Installation	For Safety of the user, either the batteries should be built-in OR external Powder-coated battery cabinet should be supplied. There shall be a suitable Battery MCB / MCCB / Protection in addition to protection inside the UPS			
PROTECTIONS				
Input Over Current	Input Under/ Over Voltage	Output Under/ Over Voltage		
Over Temperature	Battery Under/ Over Voltage	Output Overload & Short Circuit		
ENVIRONMENTAL				
Operating Temperature	0 to 45 deg C (50 deg C Peak)			
Relative Humidity	Upto 95% Non-condensing			
Audible Noise	< 55 dB at 1 metre			
Ingress Protection	IP 20 for UPS IP 10 for Battery Cabinet			
Cooling	Forced Air Cooling			
ONSITE WARRANTY				
For UPS	2 years Minimum			
For Battery	2 years Minimum			