



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

शिक्षा 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 Education, Govt. of India)

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

PAN No. - AAAAI1781K GSTIN - 03AAAAI1781K2ZS

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

CPPP/Institute Website

IISERM (1586)22/23-Pur

Dated: 18<sup>th</sup> November 2022

## ई - निविदा आमंत्रण सूचना

### NOTICE INVITING E-TENDER

20 केवीए / 20 किलोवाट - 3-फेज इनपुट / 3-फेज आउटपुट यूपीएस पावर फैक्टर > 0.99 (फुल लोड) की आपूर्ति और स्थापना के लिए दो बोली प्रणाली में निदेशक, आईआईएसईआर मोहाली की ओर से ऑनलाइन निविदाएं आमंत्रित की जाती हैं। तकनीकी विनिर्देश और नीचे दिए गए विवरण के अनुसार और सीपीपीपी पर मूल निर्माता/आपूर्तिकर्ता से बीओक्यू सूची अर्थात् <https://eprocure.gov.in/eprocure/app> निविदा दस्तावेज ई-प्रोक्योरमेंट पोर्टल की वेबसाइट <https://eprocure.gov.in/eprocure/app> और संस्थान की वेबसाइट [www.iisermohali.ac.in](http://www.iisermohali.ac.in) से डाउनलोड किए जा सकते हैं।

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** for the **Supply and Installation of 20 kVA/ 20 kW - 3-Phase Input / 3-Phase Output UPS with Power factor > 0.99 (Full Load)** as per technical specification and details given below and BOQ list 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](http://www.iisermohali.ac.in).

सहायक कुलसचिव (क्रय तथा भंडार)  
Assistant Registrar (Stores & Purchase)



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

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## ई - निविदा आमंत्रण सूचना / E-TENDER NOTICE

Tender Ref.- IISERM(1586)22/23-Pur	Dated : 18 <sup>th</sup> November 2022
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### Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	18 <sup>th</sup> November 2022	6:00pm
2.	Tender Document download start Date & Time	18 <sup>th</sup> November 2022	6:00pm
3.	Bid Submission start Date & Time	18 <sup>th</sup> November 2022	6:00pm
4.	Bid Submission End date and Time	08 <sup>th</sup> December 2022	Upto 11:00am
5.	Tender opening Date and Time	09 <sup>th</sup> December 2022	At 11:30am

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](http://www.iisermohali.ac.in). Online Tender fee of Rs 590/- (Non-refundable) should be submitted by bidder in favour of IISER Mohali through Online mode in Institute Account (Canara Bank Saving Account Number 4790101001912 and IFSC Code CNRB0004790). However, scanned copy of the Tender fee/UTR copy should be uploaded on website along with technical bid. **Micro & MSME/NSIC and Firms registered and the firms registered with concerned Ministries/ Departments, the bidders are exempted from payment of Tender Fee as per GOI notifications/GFR (2017) and Ministry of Finance OM No. F.9/4/2020-PPD dated 12 November 2020.**

**Bidders will also be required to execute bond/undertaking Bid Security Declaration Form attached as ANNEXURE-I, in lieu of EMD.**

**ITEM WISE DETAILS**

Sr. No.	Description	Qty. (in units)
1.	<p><b>Supply and Installation of 20 kVA/ 20 kW - 3-Phase Input / 3-Phase Output UPS with Power factor &gt; 0.99 (Full Load)</b></p> <p><b><u>TECHNICAL SPECIFICATIONS:</u></b></p> <p>a) 20 kVA/ 20 kW - 3-Phase Input / 3-Phase Output UPS with Power factor &gt; 0.99 (Full Load)            b) Inbuild isolation transformer.            c) 3-Phase / 4-Wire &amp; Ground (3Phase &amp; Neutral + Ground)</p> <p><b><u>Input voltage rating:</u></b></p> <p>a) 220/380V, 230/400V, 240/415V (304W) 50/60Hz, sine wave            b) Range (Full Load) 173~276 / 300~477VAC            c) Range (Derating to 70% Load) 132~173 / 228~300VAC</p> <p><b><u>Output voltage: (3 phase)</u></b></p> <p>i) 220/380V,230/400V,240/415V (304W) 50Hz/60Hz            ii) Voltage regulation &lt;1%, should have USB and RS232 port            iii) Third Harmonic distortion &lt;&lt; 1.5 % (linear load), Efficiency &gt;98%,            iv) Pure sine wave, frequency slew rate &lt;1Hz/sec            v) Crest factor 3:1 or better            vi) Transfer Time (Inverter to Bypass / Bypass to Inverter) &lt;1ms            vii) Electronic Protection for short circuit            viii) Display Panel (In-build LC Display &amp; LED)            ix) Compatible with existing battery bank (12v/100A hx 40). Constant Voltage Constant Current Solid state SMPS charger            x) True Online configuration with double conversion UPS.            xi) DSP based technology with reduction in electronic components. Measurement parameters screen on LCD            xii) Inbuilt isolation transformer in side UPS system.            xiii) Possibility of enhancing UPS capacity / redundancy by operating UPS in N+X Parallel Redundant Configuration (PRS).            xiv) Capability of Independent or Common battery bank operation of the UPS when operated in PRS.            xv) UPS should be designed at Rated PF of 1 i.e. 20kVA /20kW UPS rating.            xvi) UPS should have IGBT topology for both PFC (power factor correction) and inverter.            xvii) Should have Dual Aux power design.            xviii) Should provide metal/ plastic mesh for protecting from mouse/RAT and other insects entering into UPS. ROHS compliance, <b><u>3 years Warranty</u></b></p>	01 No.

**Maintenance:**

- a) UPS should have option for manual maintenance bypass
- b) Maintenance bypass cover removal sensing.
- c) The maintenance bypass should provide for Hot-swap of the faulty UPS PWB for repairs / service.

**A) IMPORTANT NOTES:-**

**I. Restriction under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 under sub clause 3, in terms of DOE, MoF No. F.18/37/2020-PPD dated: 8<sup>th</sup> February, 2021:**

- (i) A bidder is permitted to procure raw material, components, sub-assemblies etc. from the vendors from countries which shares a land border with India. Such vendors will not be required to be registered with the Competent Authority, as it is not regarded as "sub-contracting".
- (ii) However, in case a bidder has proposed to supply finished goods procured directly/indirectly from the vendors from the countries sharing land border with India, such vendor will be required to be registered with the Competent Authority.

**II. The online updated Price BOO is in INR format. Bids are invited in INR only against domestic tender.**

**III. The Online bids should be submitted directly by the original manufacturer/supplier/OEM, the OEM is required to furnish certificate to this effect. If quotation is submitted/filled by any representative/ agent/dealer then they must upload a Authorization Authority certificate from the principal company/OEM.**

**IV. All MSME/NSIC/Startup Units shall be considered as per provisions/rules prescribed by Govt of India.**

**V. Auto-extension of last date for E-Tenders has been activated by CPP Portal which has participation 2 bids or less.**

**B) 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 Annexure I (Bid Securing Declaration Form). Late tenders will not be accepted.
- II. The online bids shall be opened at the office of the Assistant Registrar (S&P), 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/NIT duly filled in and stamped by the authorized signatory on each and every page along with all necessary Annexures as per NIT. Tender not submitted/uploaded in the prescribed form and as per the tender terms and conditions shall be liable for rejection.**

**Check List of Documents (signed & stamped) to be provided and uploaded by the bidder:**

S. No.	Particulars of Documents	Yes/No	Page No. (As per technical bid)
1.	<b>Tender Notice Document Copy of NIT</b>		
2.	<b>Technical Compliance sheet</b> (Page Nos. to be indicated in the technical bid alongwith product catalogue and brochure)		
3.	<b>Authorization/MAF Certificate</b> from OEM (principle)/ Manufacturer certificate		
4.	<b>Tender Fee</b> , if applicable or Exemption Certificate (NSIC/MSME Certificate)		
5.	Undertaking Bid Security Declaration Form – <b>Annexure-I</b> <b>(on letter head duly signed and sealed)</b>		
6.	<b>Attached Copy of PAN</b>		
7.	<b>Attached Copy of GST</b>		

*\* If checklist is not provided by the bidder alongwith ABOVE DOCUMENTS the bid shall be summarily rejected.*

- IV. The bidder shall upload scanned copy of the PAN Card, GST number duly signed and stamped. **Also bidders applying against “MSME/NSIC Certificate” issued by appropriate Authority, should ensure that the certificate attached is relevant to the area of service/supply. For example, If the tender is for “supply & installation of Desktop” the certificate should be issued for activity/area of “Computer supply and services activities etc” otherwise bid will be REJECTED without notice.**
- 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.

**C) 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. 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. **Custom Duty, applicable as per GOI Norms.**
6. **GST, applicable as per GOI Norms.**
7. 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.
8. The delivery period should be specifically stated. Earlier delivery will be preferred.

9. **The firms are requested to provide/upload detailed description and specifications together with the detailed drawings, printed leaflets & literature of the article quoted** and also should enclose **TECHNICAL COMPLIANCE SHEET**. The name of the manufactures and country of manufacture should also invariably be stated. In the absence of these particulars and documents, the quotation is liable for rejection. Tenders not accompanied by detailed information as required, are liable to be rejected.
10. If any information furnished by the bidder is, at any stage found to be incorrect, false or fabricated, the Institute/purchaser shall have the absolute right to forfeit the security deposits, in addition to cancellation of contract, forfeiting the warranty/performance Guarantees and other action in accordance with law, such as black-listing, risk & cost etc.
11. Validity of offer: 90 days.
12. 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/Performance Bank Guarantee @ 3% of the value of supply order, if applicable, in terms of *Ministry of Finance, DoE, GOI, OM. No. F.9/42020-PPD dated 12-11-2020 and extension of vide circular no. F.9/4/2020-PPD dated: 30<sup>th</sup> December 2021* as per norms may be sought from the firms.
13. The right to reject all or any of the quotation and to split up the requirements for itemized L-1 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>
14. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

**सहायक कुलसचिव (क्रय तथा भंडार)**  
Assistant Registrar (Stores & Purchase)

**ANNEXURE-I**

**Bid Securing Declaration Form**

Date: \_\_\_\_\_ E-Tender No. \_\_\_\_\_ E-Tender ID \_\_\_\_\_

To (insert complete name and address of the purchaser)  
I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders. I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)  
in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing he Bid Securing Declaration)  
Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on \_\_\_\_\_ day of \_\_\_\_\_ (insert date of signing)  
Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

PS: *Furnish the above in original stationary/letter head with signed and sealed.*