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

CPPP/Institute Website

IISERM (1505-2)21/22-Pur Dated: 12th November 2021

ई - निविदा आमंत्रण सूचना

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** for the **Supply & Installation of UPS 10 KVA / 8 KW or higher load for high-end analytical instrumentation** 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.**

-Sd-

सहायक कुलसचिव (भंडारण एवं क्रय)

Assistant Registrar (Stores & Purchase)

NOTE: This is a domestic Tender according to the DPIIT Order dated 15/07/2017 and subsequent amendments to the order for Public Procurement Preference & PROVISION FOR LOCAL SUPPLIERS TOWARDS PREFERENCE TO MAKE IN INDIA. The bidder required to declare on the letter head the percentage of Local content for the quoted instrument and submit with the Technical Bid. Bidder should also give details of the location(s) at which the local value addition is made.

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ई - निविदा आमंत्रण सूचना / E-TENDER NOTICE

Tender Ref.- IISERM(1505-2)21/22-Pur	Dated : 12th November 2021

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	12th November 2021	6:00pm
2.	Tender Document download start Date & Time	12th November 2021	6:00pm
3.	Bid Submission start Date &Time	12th November 2021	6:00pm
4.	Bid Submission End date and Time	02nd December 2021	Upto 11:00am
5.	Tender opening Date and Time	03rd December 2021	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.** Tender fee in shape of Demand Draft of Rs 590/- (Non-refundable) should be submitted by bidder in favour of the Registrar, IISER Mohali payable at Mohali or 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. The hard copy (if tender fee is paid) of the same in original to be sent to the address mentioned below duly superscribing the supply/work name and reference/tender ID on the envelope and same must reach before opening of the bid and if not received before due date the bid will be summarily rejected. **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 for availing exemption to submit Tender Fee.

The Original Tender Fee should be sent to (if not paid online/NEFT):

Assistant Registrar (P&S)
Indian Institute of Science Education and Research Mohali
Sector-81, Knowledge City, SAS Nagar, Mohali, Punjab,
India, Pin: 140306

Non-receipt of original Tender Fee will lead to rejection of tender.

ITEM WISE DETAILS

Sr. No.	Description	Qty. (in units)
1.	**SUPPLY & INSTALLATION OF UPS 10 KVA / 8 KW OR HIGHER LOAD FOR HIGH-END ANALYTICAL INSTRUMENTATION** **Technical Specifications: AS PER ANNEXURE III**	01
2.	**Extended warranty for 4 year for UPS and transformer** should be quoted in BOQ separately by the authorized company/firm of OEM.	01
3.	**Extended warranty for 3 year for Battery** should be quoted in BOQ separately by the authorized company/firm of OEM. NOTE: Total warranty period for 5 years for UPS/Battery transformer.	01

ए) महत्वपूर्ण नोट /A) IMPORTANT NOTES:-

I. **This is a domestic Tender according to the DPIIT Order dated 15/07/2017 and subsequent amendements to the order for Public Procurement Preference & PROVISION FOR LOCAL SUPPLIERS TOWARDS PREFERENCE TO MAKE IN INDIA. Bidders should also give details of Localtions(s); at which the local value addition is made. Bidders are requested to furnish the declaration regarding local content/locations in Annexure II.**

II. **The online updated Price BOQ 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, If quotation is submitted/filled by any representative/agent/dealer then they must upload a authority certificate from the principal company.**

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.**

बी) निविदा प्रस्तुत करना / 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 Stores & Purchase Section, 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. **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.

सी) निर्देश / 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 Delhi/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.
5. THE INSTITUTE IS EXEMPTED FROM CUSTOM DUTY under notification no-TU/V/RG-CDE(1062)/2016 CUSTOM DT. 12.10.2018.
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 & literature of the article quoted and also should enclosed **Technical Compliance Sheet.** 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. Tenders not accompanied by detailed information as required, are liable to be rejected.

11. 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 E.M.D. and 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.

12. **Validity of offer: Period for which the offer will remain open: Bidders should keep their offers valid for acceptance for a period of 9 months.**

13. 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 @ 3% of the value of supply order, in terms of *Ministry of Finance, DoE, GOI, OM. No. F.9/42020-PPD dated 12-11-2020 and* as per norms may be sought from the firms.

14. 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

15. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

-Sd-
सहायक कुलसचिव (भंडारण एवं क्रय)
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.*

ANNEXURE-II

SELF DECLARATION
[For Local Content of Products, Services or Works]

To,

The Director
Indian Institute of Science Education and Research
(Established by Ministry of Education, Govt. of India)
Sector-81, Knowledge city, PO-Manauli,
SAS Nagar Mohali-140306, Punjab

1. With reference to Order no P.-45021/2/2017 PP (BE-II) dated 04.06.2020 and No. P-45021/2/2017-PP(BE-II) dated 16-09-2020 of DPIIT, Ministry of Commerce and Industry, Govt. of India, we fall under the following category of supplier (please tick the correct category) for the items for which this tender has been floated and being bided.

   - ☐ **Class I local supplier –** has local content equal to more than 50%. Local contents added at _____ (name of location/city).
   - ☐ **Class II local supplier –** has local content more than 20% but less than 50%. Local contents added at _____ (name of location/city).
   - ☐ **Non-local supplier –** has local content less than or equal to 20%. Local contents added at _____ (name of location/city).

2. We are solely responsible for the abovementioned declaration in respect of category of supplier. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which we may can be debarred for up to 2 years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Signature & seal of the company

Name and address of the organization
…….
…….
…….

Note: In cases of procurement for a value in excess of Rs. 10 crores, the 'Class-I local supplier' / 'Class-II local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

ANNEXURE-III

TECHINCAL SPECIFICATIONS OF UPS 10 KVA / 8 KW OR HIGHER LOAD FOR HIGH-END ANALYTICAL INSTRUMENTATION

PARAMETER	REQUIRED SPECIFICATION
Topology	True Online Double Conversion Power Recreation
Isolation	12 KVA K-rated Isolation transformer (Shall provide Galvanic Isolation between mains and load in all modes including bypass)
Rectifier Design	Fully controlled
Charger Design	Dual-Step (Float/ Boost), low ripple Constant Voltage Constant Current (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 & Transformer
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/8KW or higher load, 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 2 minutes 125% for 1 minutes
Battery	
Type	Sealed Lead Acid Maintenance Free
Back-up Time	30 Minutes on 8 KW Load. Battery required : 12 No 42 Ah/45Ah = 10080/10800 VAh
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 for full system
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
Extended Warranty	**To be quoted additionally for 4 years for UPS and transformer and 3 years on Battery towards total warranty period of 5 years for UPS battery and Transformer**
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. The site of installation will be New Delhi in the first part of the project duration and IISER Mohali after a year.
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.
Supervision of Commissioning alongside with freight and delivery charges	**Initial installation in New Delhi at IMD Building in Lodhi road.** **Installation:** Vendors will be expected to demonstrate all features in compliance with specifications during installation. **NOTE: Please note instrument will have to be deployed and installed at Delhi for 1 year after which it is to be transported to IISER Mohali. Transportation logistics, insurance and costs are to be borne by vendor. Also in price bid shipping and delivery terms should be FOR.** (Provision of Input/Output cabling upto equipment terminals, switchgear, earthing and civil works in IISER/IMD scope)