



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: 03AAAAAI1781K2ZS

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

CPPP/Institute Website

IISERM (1160)18/19-Pur

Dated : 08.01.2019

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** for **Supply and installation of 15Kva/12 12Kw 3- Phase input/1 phase Output On-Line UPS System** 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(1160)18/19-Pur	Dated :- 08 th January, 2019
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Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	08 th January, 2019	6:00pm
2.	Tender Document download start Date & Time	08 th January, 2019	6:00pm
3.	Bid Submission start Date & Time	08 th January, 2019	6:00pm
4.	Bid Submission End date and Time	29 th January, 2019	Upto 11:00am
5.	Tender opening Date and Time	30 th January, 2019	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.8000/- 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 15Kva/12 12Kw 3- Phase input/1 phase Output On-Line UPS System <u>Technical Specifications: As per Annexure-(A)</u> Make: APC, Emerson, Delta or equivalent Kindly mention clearly the Model quoted and attach the related Catalogue/literature	01

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-A

	Specifications	Requirement
1	Capacity (in kVA / kW)	15 kVA/12 kW 3-Phase Input / 1-Phase Output
2	Technology and Capability	a) True Online configuration with double conversion UPS b) DSP based control. c) Possibility of enhancing UPS capacity / redundancy by operating UPS in N+X Configuration (PRS). d) Capability of Independent battery bank operation of the UPS when e) UPS should be designed at Rated PF of 0.8 i.e. 15kVA / 12 kW UPS rating. f) Dual Input design.
3	Input facility -Phases / Wires	3-Phase / 4-Wire & Gnd (3Phase & Neutral + Ground)
4	Input Voltage Range	220/ 380V, 230/400, 240/ 415V Range (Full Load) 176-276 / 1305-477V Range (Derating to 50% Load) 120-175 / 208- 304V
5	Nominal Input Frequency	50/ 60 Hz (Auto selectable)
6	Input Frequency Range	45 to 65 Hz
7	Input Power Factor	> 0.95 (full load)
	Generator Compatibility	Compatibility to genset supply required
8	Input Protection (Thru In-built 1 P MCB)	Should be provided at the input of the UPS suitable for the full rated capacity of the UPS
9	Output	
10	Nominal Output voltage	220/230/240 VAC
11	Output Voltage Regulation	± 1%
12	Nominal Output Frequency	50/60 Hz
13	Output Frequency Regulation	± 0.1Hz
14	Output Voltage Distortion (THDu)	<2% (For Linear Load)
15	Output Short circuit Protection	Electronic Protection
16	Transient Response: Dynamic Regulation for 10% to linear load	±7%
17	Transient Recovery to steady state condition after 10% to step linear load	< 1 cycle
18	Maintenance Bypass	1. In built manual bypass instead of optional. 2. Maintenance bypass cover removal sensing. 3. The maintenance bypass should provide for Hot-swap of the faulty UPS PWB for repairs / service.
19	Overall Efficiency (AC to AC) . Online (Double Conversion)	Online Mode 92%
20	Overall Efficiency (AC to AC) - ECO Mode (Bypass feeding load under normal conditions)	Online Mode 96%
21	Inverter Overload capacity	≤105% continuous, 106%≈110 % 600sec, 111%≈125%, 300sec, 126%≈150% 30 sec, >150% Immediate
22	Interface to DCS (Distributed Control System) - To be quoted as option	Relay I/O Card or PFC (Potential free contacts) for connecting to UPS to DCS / communicating UPS operating status
23	Air Filters	UPS should have internal anticorrosion air filters for dust filtration
24	Parallel Configuration	UPS should have capability for parallel 4 units.
25	Grounding	UPS should have grounding arrangement
26	Manufacturer	QMS: As per ISO 9001: 2008 EMS: As per ISO 14001: 2004 OSHAS: As per ISO 18001: 2007
27	Product Safety Certifications (Mandatory)	ESD: IEC61000-4-2: level4 RS: IEC61000-4-3: level3 EFT: IEC61000-4-4: level4 SURGE: IEC61000-4-5: level4 CS: IEC61000-4-6: level3 IEC 61000-2-2 EN 62040-2 EN 61000-3-2
	29 .Battery (1/2 Hrs. backup)	Minimum 10,000 VH
	30 Warranty	UPS 3 years, Battery 2 Years
	31 Make	APC, EMERSON, Delta