



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. - AAAAI1781K GSTIN No:- 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 (1343)19/20Pur

Dated: 05th February 2020

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** for the **Supply and installation of Diaphragm Gas Vacuum Pump and COD Digester** 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-
(Mukesh Kumar)
Assistant Registrar (P&S)



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E-TENDER NOTICE

Tender Ref.- IISERM(1343)19/20Pur

Dated :- 05th February 2020

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	05 th February 2020	6:00pm
2.	Tender Document download start Date & Time	05 th February 2020	6:00pm
3.	Bid Submission start Date & Time	05 th February 2020	6:00pm
4.	Bid Submission End date and Time	25 th February 2020	Upto 11:00am
5.	Tender opening Date and Time	26 th February 2020	At 11:30am

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** {Technical and commercial separately} for the 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.3,500/-** 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 summerly.

The Original EMD and Tender Fee should be sent to:

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 EMD and Tender Fee will lead to rejection of tender.

Item Details: -

Sr.	Description		Qty. (in units)																																	
1.	<u>Supply & installation of Diaphragm gas vacuum pump</u>		01																																	
	<table border="1"> <thead> <tr> <th data-bbox="212 347 308 407">S. No.</th> <th data-bbox="308 347 651 407">Technical Specification</th> <th data-bbox="651 347 1388 407">Details</th> </tr> </thead> <tbody> <tr> <td data-bbox="212 407 308 622">1</td> <td data-bbox="308 407 651 622">Basic unit requirements</td> <td data-bbox="651 407 1388 622">Portable 100% Oil free transfer Pump should be compatible to volatile organic compounds and slightly corrosive gases. Should have chemically resistant diaphragm made of Polytetrafluoroethylene (PTFE). Gastight, leakage rate approx. 6×10^{-3} mbar x l/s</td> </tr> <tr> <td data-bbox="212 622 308 656">2</td> <td data-bbox="308 622 651 656">Ultimate pressure</td> <td data-bbox="651 622 1388 656">4 bar or better</td> </tr> <tr> <td data-bbox="212 656 308 689">3</td> <td data-bbox="308 656 651 689">Ultimate vacuum</td> <td data-bbox="651 656 1388 689">100 mbar or better</td> </tr> <tr> <td data-bbox="212 689 308 723">4</td> <td data-bbox="308 689 651 723">Maximum flow rate</td> <td data-bbox="651 689 1388 723">13 L/min or better (at atmosphere pressure)</td> </tr> <tr> <td data-bbox="212 723 308 824">5</td> <td data-bbox="308 723 651 824">Material of Construction</td> <td data-bbox="651 723 1388 824">Pump head - Aluminum Diaphragm - PTFE-coated Valves - Stainless Steel</td> </tr> <tr> <td data-bbox="212 824 308 884">6</td> <td data-bbox="308 824 651 884">Gauge</td> <td data-bbox="651 824 1388 884">Adjustable fine control valves made of stainless steel with pressure and vacuum gauge should be provided.</td> </tr> <tr> <td data-bbox="212 884 308 945">7</td> <td data-bbox="308 884 651 945">Mains and Max Power (W)</td> <td data-bbox="651 884 1388 945">230V/50Hz; 100W</td> </tr> <tr> <td data-bbox="212 945 308 1008">8</td> <td data-bbox="308 945 651 1008">Working temperature range</td> <td data-bbox="651 945 1388 1008">At least +5°C to +40°</td> </tr> <tr> <td data-bbox="212 1008 308 1068">9</td> <td data-bbox="308 1008 651 1068">Accessories</td> <td data-bbox="651 1008 1388 1068">Silencer/filter, suitable pressure relief valve and other important accessories should be included.</td> </tr> <tr> <td data-bbox="212 1068 308 1120">10</td> <td data-bbox="308 1068 651 1120">Motor protection</td> <td data-bbox="651 1068 1388 1120">IP20</td> </tr> </tbody> </table>	S. No.		Technical Specification	Details	1	Basic unit requirements	Portable 100% Oil free transfer Pump should be compatible to volatile organic compounds and slightly corrosive gases. Should have chemically resistant diaphragm made of Polytetrafluoroethylene (PTFE). Gastight, leakage rate approx. 6×10^{-3} mbar x l/s	2	Ultimate pressure	4 bar or better	3	Ultimate vacuum	100 mbar or better	4	Maximum flow rate	13 L/min or better (at atmosphere pressure)	5	Material of Construction	Pump head - Aluminum Diaphragm - PTFE-coated Valves - Stainless Steel	6	Gauge	Adjustable fine control valves made of stainless steel with pressure and vacuum gauge should be provided.	7	Mains and Max Power (W)	230V/50Hz; 100W	8	Working temperature range	At least +5°C to +40°	9	Accessories	Silencer/filter, suitable pressure relief valve and other important accessories should be included.	10	Motor protection	IP20	<p><u>OTHER TERMS:</u></p> <ol style="list-style-type: none"> The equipment should be provided with WARRANTY period of at least two years from the date of installation & commissioning and date of acceptance against all manufacturing defects and faulty items. The vendor should supply the necessary spares for the vacuum system during the warranty period. The vendor should undertake servicing of the equipment every 6 months for routine checkup cleaning and maintenance. The service cost should be borne by the vendor. Firm must have an Indian based service support structure.
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2.	<u>Supply & installation of COD Digester</u>		01																																	
	<p><u>Technical Specification</u></p> <ol style="list-style-type: none"> Should reach maximum temperature range of 180°C or more Should have LED digital display and electronic temperature control Countdown timer at least in between 1 minute and 10 hours with 1-minute increments Blocks for 36x16 mm or more tubes should be provided with system Temperature uniformity of ± 0.5°C within blocks at 37°C Block extraction tool should be provided Warranty: minimum 4 years System should be CE and ISO9001/2000 or other equivalent certification compliant 																																			

NB:-

- 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.

II. Kindly do not quote end of life model.

III. Warranty: Minimum of One year, where not specified against the item.

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. **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.

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

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