



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास 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 Human Resource Development, Govt. of India)

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

PAN No. - AAAAI1781K TAN NO. PTLI10692D

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

CPPP/Institute Website

IISERM(961)17/18Pur

Dt.- 13th February 2018

E-TENDER NOTICE

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** {Technical and Commercial} for the supply & installation of **Particle Size Analyzer** as per technical specification given below and BOQ list 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.

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(Mukesh Kumar)

Assistant Registrar (S&P)



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E-TENDER NOTICE

Tender Ref.- IISERM(961)17/18 Pur	Dated :- 13 th February 2018
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Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	13 th February 2018	6:00pm
2.	Tender Document download start Date & Time	13 th February 2018	6:00pm
3.	Bid Submission start Date & Time	13 th February 2018	6:00pm
4.	Bid Submission End date and Time	07 th March 2018	Upto 11:00am
5.	Tender opening Date and Time	08 th March 2018	At 11.30 am

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** {Technical and Commercial separately} 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 500/- (Non-refundable) and EMD of Rs. 50,000/- 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:-

PARTICLE SIZE ANALIZER		
Sr.	Required Specifications of the item(s)	
Technology and Main Unit		
1.	Principle of Operation	Laser Diffraction with Mie Algorithm or Fraunhofer algorithm
2.	Particle Size Range	0.1 micron – 1000 micron using a single lens
3.	Mode of Analysis	Wet
4.	Source Type & watt	Gas Laser of 4mW or greater in red range.
6.	Repeatability and reproducibility	Better than 1% variation
7.	Accuracy	0.6% or better
8.	Type of Optical Alignment	Automatic Alignment
9.	Optical Configuration	Reverse Fourier & Fixed during measurement
Wet & Dry Sample Delivery System		
10.	Wet sample delivery system	Circulation type with Dip-in centrifugal pump and stirrer for rapid dispersion in standard external laboratory beakers with sample recovery.
11	Control and Operation	Fully software controlled pump stirrer and probe (inline sonication) controlled operation
12.	Volume of suspension required for measurement	It must possible to measure samples using up to 1000 ml of dispersant
13.	Sample Cell	The cell window of measurement cassette of wet accessory should be easy to clean and maintain and should be dismantled without use of any tool. Wet sample dispersion accessory should be Capable to Auto lock and align.
14.	Solvent Compability	Should be wide with inorganic and organic dispersants.
Operating Conditions		
15	Operating ambient temperature	15°C to 35°C
16.	Operating ambient relative humidity	35% – 70%
17.	Power	Must be compatible with 220 V 50 Hz power supply
Software		
18.	Type	Operation and control of the particle size system and sample delivery module
19.	Software Features	<ul style="list-style-type: none">• One click operation with simple measurement icons.• Real time display of particle size measurement.• Possibility of simultaneous measurement and data processing.• Data export facility to ASCII or Excel formats.• Customizable report generation.• Software must be compatible with Windows 7 or later version.• Free upgradation• A method of quickly comparing and reporting the SOP settings used within multiple measurements should be provided.
Traceability and Validation		
20.	Compliance	Must comply with ISO 13320 (2009)

NB:-

- I. The online updated Price BOQ is in INR format. If bidder want to quote other than INR please specify the quoted currency in the technical bid/part and fill the amount in same updated BOQ.
- II. Please bifurcate the price on shipping terms i, e, Ex-works -> FCA/FOB -> CIP/CIF in price BOQ and specify the same in technical bid.

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- 51/96 – CUSTOM DATED 23/7/1996 AND DSIR REGISTRATION NO TU/V/RG/-CDE(1062)/2016 DT. 30/08/2016 / EXCISE NOTIFICATION NO. 10/97- CENTRAL EXCISE DT. 01.03.1997.
6. GST Exemption - MINISTRY OF FINANCE, (DEPARTMENT OF REVENUE) Notification No..45/2017- Central Tax (Rate) dated 14th November, 2017 47/2017-Integrated Tax (Rate) 14th November, 2017 for purpose of availing concession in rate of GST admissible to Scientific/Research and academic Institutions.

7. The Other taxes (i.e. percentage of Tax should be clearly indicated included or excluded) wherever chargeable. Please also provide/upload the copy of PAN card, GST number duly self-attested.
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 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.
10. 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.
11. 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>
12. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

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