



## भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित

सैक्टर 81, नॉलेज सिटी, 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 TAN NO. PTLI10692D

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

*CPPP/Institute Website*

IISERM(916)17/18Pur

Dated- 30<sup>th</sup> November 2017

### **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 **Liquid Nitrogen Cryostat** 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](http://www.iisermohali.ac.in).

-sd-

(Mukesh Kumar)

Assistant Registrar (S&P)



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

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### E-TENDER NOTICE

Tender Ref.- IISERM(916)17/18 Pur	Dated :- 30 <sup>th</sup> November 2017
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#### Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	30 <sup>th</sup> November 2017	6:00pm
2.	Tender Document download start Date & Time	30 <sup>th</sup> November 2017	6:00pm
3.	Bid Submission start Date & Time	30 <sup>th</sup> November 2017	6:00pm
4.	Bid Submission End date and Time	21 <sup>st</sup> December 2017	Upto 11:00am
5.	Tender opening Date and Time	22 <sup>nd</sup> December 2017	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](http://www.iisermohali.ac.in). Tender fee in shape of DD/Banker Cheque of Rs 500/- (Non-refundable) and EMD of Rs. 40,000/- 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:-**

Sr.	Details of Specifications	Qty.
01	<b>Liquid Nitrogen Cryostat - Technical Specifications</b>	01

**Detailed specifications for liquid nitrogen cryostat for existing pump-probe spectrometer:**

Clear and detailed drawing of each component should be provided

Sr. No	Detailed Specification of the Stores	Qty. for each unit
1	<b>Liquid Nitrogen (LN2)</b> variable temperature optical cryostat reservoir type & RoHS Compliant: 1) Base temperature: 77K without pumping on sample tube; Max temperature: 325K 2) Typical Stability: +/- 100mK or better 3) Sample changeover time: 10 minutes or less; Typical hold time: ~6 hours 4) Liquid nitrogen dewar body (~1 liter LN2 capacity) 5) 1.25" O.D. sample chamber with four ~0.5" diameter or wider clear view UV-grade fused-silica/quartz windows (compatible with high transmission of laser light in ~250nm to ~1µm range) 6) Should be easily mounted on an optical breadboard with M6 holes at 25mm interval; include mounting plates if available. 7) The head dimension should be ~3"(L) x 3"(W) and the total height should be less than 42"; smaller footprint will be preferred. 8) Adjustable sample positioner allowing sample rotation and translation 9) Sample mount with heater and standard temperature sensor with electrical feedthrough for heater and sensor wires 10) A safety pressure relief valve 11) Preferably gold-plated (over nickel) OFHC copper optical sample holder 12) Adjustable cuvette/fluorimeter cell holder compatible with standard cuvettes (please see the cuvette dimensions below)	1
2	<b>Temperature controller:</b> 1) Dual channel, dual heater with alarms and relay is preferred 2) USB and GPIB (IEEE-488) parallel computer interfaces. 3) Cables must be included.	1
3	Baseplate to mount onto breadboard. The height should be adjustable bringing optical axis of the cryostat to 75mm +/- 25 mm from the base of the system.	1
4	<b>Pumping station:</b> 1) Pressure down to 10 <sup>-4</sup> Torr or lower 2) Isolation valve, vent valve, and compound pressure/vacuum gauge 3) Stable mounting frame, flexible pumping line, digital display are preferred. 4) Power Requirement: 100-240 VAC, 50/60 Hz **Quote separately for different types of pumps compatible with the specifications (for example, mechanical pump and turbo pump with backing pump); oil-free pumping station is preferred.	1
5	Please quote for all other accessory components: Quartz cuvettes: 1) Interior length x width (mm): 10 x 10 Exterior length x width (mm): 12.5 x 12.5 2) Interior length x width (mm): 10 x 2 Exterior length x width (mm): 12.5 x 4.5 3) Interior length x width (mm): 10 x 1 Exterior length x width (mm): 12.5 x 3.5 4) Interior length x width (mm): 10 x 0.5 Exterior length x width (mm): 12.5 x 3.0 LN2 dewar with 50 L capacity including withdrawal device and roller base Mounting screws (M3/M4/M6 etc) – as per requirement	1

**NB:-** 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.

## **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. Tax: This Institute is not exempted from the payment of GST. The current rate (i.e. percentage of Sales Tax should be clearly indicated included or excluded) wherever chargeable. Please also provide/upload the copy of PAN card, GST number duly self-attested.
7. The delivery period should be specifically stated. Earlier delivery will be preferred.

8. 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.
9. 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.
10. 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>
11. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

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