



IISER Mohali

# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित  
सैक्टर 81, नॉलेज सिटी, पी. ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब –140306  
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI  
Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab  
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## **E-TENDER NOTICE**

Tender Ref.- IISERM(758)16/17Pur

Dated :- 15<sup>th</sup> March 2017

### **Critical Date Sections**

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	15 <sup>th</sup> March 2017	6pm
2.	Tender Document download start Date & Time	15 <sup>th</sup> March 2017	6pm
3.	Bid Submission start Date & Time	15 <sup>th</sup> March 2017	6pm
4.	Bid Submission End date and Time	04 <sup>th</sup> April 2017	Up to 11am
5.	Tender opening Date and Time	05 <sup>th</sup> April 2017	At 11:30pm

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** {Technical and Commercial separate} 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 <http://www.iisermohali.ac.in>. Tender fee in shape of DD/Banker Cheque of Rs 500/- (Non-refundable) and EMD of Rs 25,000/- 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 summerly.

### **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.	Description
1	<p><b><u>Liquid crystal spatial light modulator (LC-SLM) – 01 no.</u></b></p> <ul style="list-style-type: none"> <li>i) Wavelength: around 800nm with AR coated</li> <li>ii) Array size: ~20mm x ~10mm if rectangular (or ~10mm x ~10mm if square)</li> <li>iii) Pixels: ~2,000 x ~1,000 if rectangular (or ~1,000 x ~1,000 if square)</li> <li>iv) Pixel size: &lt;10µm x &lt;10µm</li> <li>v) Mode: reflective</li> <li>vi) Phase Stroke (Double Pass): <math>2\pi</math> @ <math>\lambda_d</math></li> <li>vii) Best possible Reflected Wavefront Distortion (RMS Calibrated): <math>\sim \lambda_d/5</math></li> <li>viii) Maximum Zero-Order Diffraction Efficiency: ~90%</li> <li>ix) Fill Factor: &gt;90%</li> <li>x) Best possible Liquid Crystal Response Time (10-90%): <math>\leq 100</math> ms @ <math>\lambda_d</math></li> <li>xi) Best possible Maximum Liquid Crystal Switching Frequency: <math>\geq 40</math> Hz @ <math>\lambda_d</math></li> <li>xii) Controller Phase Levels: ~4,000/12 bits</li> <li>i) SLM Phase Levels (resolvable): <math>\geq 100</math> linear, <math>2\pi</math> phase stroke @ <math>\lambda_d</math></li> <li>xiii) CPU to SLM Transfer Frequency (one image): ~30Hz</li> <li>xiv) CPU to Controller Transfer Frequency: ~30 Hz</li> <li>xv) Damage threshold should compatible with 2 nJ femtosecond (~100 fs) pulses</li> <li>xvi) Power supply unit (if any) and driver (if any) must be included</li> <li>xvii) Operating software must be included</li> <li>xviii) Software Developer Kit (SDK) (for interfacing with LabVIEW) must be included</li> <li>xix) A list of at least 5 users (world-wide) should be included</li> </ul>

**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. Technical bid and financial bid shall be submitted in the designated online cover/part. 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. 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 TIN number, PAN Card, VAT registration

certificate/VAT return, Service tax registration 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)/2011 DT. 02/09/2011 / EXCISE NOTIFICATION NO. 10/97-CENTRAL EXCISE DT. 01.03.1997.
6. Tax: This Institute is not exempted from the payment of Sales Tax/Service Tax/VAT. 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, TIN number, Service tax number, Sales tax 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.

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(Mukesh Kumar)  
Assistant Registrar (S&P)