



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 GST No- 03AAAAI1781K1ZT

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

CPPP/Institute Website

IISERM(837)17/18Pur

Dated- 04th September 2017

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** {Technical and Commercial} for the supply and installation of High content Screening Microscope as 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.

-sd-

(Mukesh Kumar)

Assistant Registrar (S&P)



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 GST No- 03AAAAI1781K1ZT

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

CPPP/Institute Website

E-TENDER NOTICE

Tender Ref.- IISERM(837)17/18 Pur	Dated :- 04 th September 2017
-----------------------------------	--

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	04 th September 2017	6:00pm
2.	Tender Document download start Date & Time	04 th September 2017	6:00pm
3.	Bid Submission start Date & Time	04 th September 2017	6:00pm
4.	Bid Submission End date and Time	27 th September 2017	Upto 11:00am
5.	Tender opening Date and Time	28 th September 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. Tender fee in shape of DD/Banker Cheque of Rs 500/- (Non-refundable) and EMD of Rs. 2,00,000/- 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. No.	Name of item	Qty.
1	<p data-bbox="312 286 1326 450"><u>High Content Screening Microscope with Ultra-sensitive Confocal Imaging and Analysis Platform</u> An advanced, fully automated high-content confocal imaging microscope system with the following system configuration should be offered. The vendor should supply the entire system from a single source with all necessary accessories and complete system integration of hardware and software components for ideal integration and functionality. The vendor should be responsible for the complete system installation, functioning and maintenance.</p> <p data-bbox="312 454 587 479"><u>Required specifications:</u></p> <ol data-bbox="312 483 1326 1906" style="list-style-type: none">1) The system should be table top type high-content confocal imaging platform, and with no need for dark room for imaging.2) Should have confocal and wide field and imaging. In addition, it should have either phase contrast or brightfield imaging.3) Confocal fluorescence images scanned by micro-lens enhanced dual Nipkow disk or by high speed dual pin hole spinning disk.4) Automated high- precision XY Stage.5) Equipped with electric Z motor with designated resolution of 0.1um or less6) Optional: live cell imaging with low photo bleaching and low photo toxicity.7) High resolution CCD or CMOS sensor with large field of view of at least 2208 x 2208 pixel array, and with high quantum efficacy ($\geq 60\%$)8) Laser-based autofocus with advanced software for consistent scan times.9) Should be provided objective lenses 10x, 20x, and 40x, and there should be options for 2x and 4x objectives.10) Equipped with LED transmitted illumination.11) Illumination by either solid state LED or 3 laser lines to cover UV to Near IR range illumination.12) Should come with filter wheel with at least 5 or more color dichroic and emission filter to allow multiple fluorophores.13) LED or Lasers with appropriate filter sets should minimally be able to image samples stained with DAPI, Alexa Fluor 488, and Alexa Fluor 568 or 647.14) Plate formats: Compatible with SBS standard microplates (6, 24, 96, 384 &1536 well) and slideglass,15) Equipment should be able to take images at at least 16- 20 frames per second.16) Portability of image data portability so results can be imported into third party software for documentation. Software should be capable of simultaneous processing of image and data acquisition allowing for real time analysis during acquisition.17) Image analysis software should have predesigned assays for common assays for imaging and analysis like receptor internalization assays image segmentation, background correction, spot detection, colocalization, multi parameter cytotoxicity, neuronal profiling, cell cycle, tube formation , cell motility measurements, toxicity in small organisms or organoids, dot measurements in the nucleus and cytoplasm ROI analysis tools etc. for ease of setting up assay protocols along with ability to build custom-designed assays for image acquisition and analysis setup.18) Should have in-built high-precision automated scanning system19) Work station with high-speed processor, 64-bit computing capacity, 32/64-GB RAM, 2:-4TB storage space with possibility for expansion, key board, mouse and at least 24-27" high-resolution widescreen monitor.20) The workstation should include control software to control equipment and analysis software to analyze the images.21) Automated acquisition of images and their quantitative analysis.22) Should have imaging and analysis simultaneously (on the fly analysis)23) Analysis software should offer quantitative information and display a graph of plot and histogram24) Additionally, a high-capacity image analysis laptop with macOS Sierra operating system, 15" retina display, 2.9 GHz processor, 4GB GDDR5 graphics memory, and 512GB storage should be provided.25) Bidder should specify the after sales service and application support capabilities.26) Bidder should provide all pre-installation requirements to have the system installed in ideal room conditions.27) Bidder should also provide a detailed list of users of the quoted system with contact details.28) The system should be provided with a 2KVA online UPS system with five years warranty for the complete system for uninterrupted operation of system.29) Point wise technical compliance statement needs to be submitted with the Technical bid mentioning the page no. of Catalogue.30) Bidder should quote for AMC for 5 years after the expiry of warranty period.	01

NB :- Uploaded Price BOQ are in INR value. If the bidder wants to quote in foreign currency please specify in technical bid. Quote the foreign price in FCA and CIP only.

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 EXCISE NOTIFICATION NO. 10/97- CENTRAL EXCISE DT. 01.03.1997 DSIR REGISTRATION NO TU/V/RG/-CDE(1062)/2016 DT. 30/08/2016.
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)