



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित

सैक्टर 81, नॉलेजसिटी, 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. PTL110692D

• Phone : +91-172-2240086 & 2240121 • Fax : +91-172-2240124, 2240266 • <http://www.iisermohali.ac.in> • Email: stores@iisermohali.ac.in

CPPP/Institute Website

IISERM(955)17/18-Pur

Dated :23.01.2018

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** for **Supply and Installation of SS304 Racks for growing plants** from reputed companies/firms/ individuals/ societies etc. those are in the similar business 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)



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E-TENDER NOTICE

Tender Ref.- IISERM(955)17/18-Pur

Dated :- 23rd Jan 2018

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	23 rd Jan 2018	6:00pm
2.	Tender Document download start Date & Time	23 rd Jan 2018	6:00pm
3.	Bid Submission start Date & Time	23 rd Jan 2018	6:00pm
4.	Bid Submission End date and Time	12 th Feb 2018	Up to 11:00am
5.	Tender opening Date and Time	13 th Feb 2018	At 11.30 am

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** 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. 30000/- 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:

S. No.	Details of Specifications of the Stores	Qty.
1)	<p data-bbox="233 365 1278 398">Supply and Installation of SS304 Racks for growing plants at IISER Mohali</p> <p data-bbox="233 439 1305 566">IISER Mohali state of the art Plant growth facility desires fabrication of grade 304 stainless steel (SS304) racks fitted with light canopy box. Vendors having demonstrated experience and technical how to know in assembling the racks and light should bid for this tender.</p> <p data-bbox="233 607 655 640">Technical Specifications of Racks</p> <ol data-bbox="284 674 1305 2024" style="list-style-type: none"><li data-bbox="284 674 1305 875">1. In total two rooms will be equipped with 10 racks made up of 304 grade SS having following dimension; ~6 (0.5±) feet in height, ~ 4.2 (1270 mm) feet wide and ~2 feet deep (600 mm). Each rack must be mounted on 4 sturdy caster wheels with locking facility to avoid accidental movement. The mainframe and structure should be made of 2 x 2 cm square tubing of 304 grade Stainless Steel or better to withstand weight.<li data-bbox="284 909 1305 1010">2. Material of the rack mainframe, side railing and light canopy holding attachment should be made up of glossy SS304 material. The final structure should be stable and durable.<li data-bbox="284 1043 1305 1178">3. For small plants, five racks will be equipped with four shelves and among them three will be illuminated. For tall plants, five racks will be equipped with three shelves and among them two will be illuminated. The height of the shelves should be adjustable.<li data-bbox="284 1211 1305 1480">4. Each shelf will be consists of, a light canopy cum wiring box on the top with electricity supplies and holders to hold at least twelve T5/T8 tubes along with individual ON/OFF switch (Philips, Havells, Lengrand) for flexibility. The light canopy box must cover the wires in such a way that nothing should be visible from outside. A sturdy perforated base tray (SS304) to adjust the height of the shelf and dust collection tray should be included with each shelves. A 3 mm or better Thick Hylem (white laminated Bakelite sheet) need to be placed to prevent heat flow from the light canopy of the lower shelves.<li data-bbox="284 1514 1305 1648">5. For small plant racks, distance between the base tray of a shelve and its tube light canopy should be maintained at least 20 inches excluding the canopy box. Each rack should be able to withstand at least 100 kg weight of soil, water and plants in addition to its own weight or better.<li data-bbox="284 1682 1305 1816">6. For tall plant racks, distance between the base tray of a shelve and its tube light canopy should be maintained at least 36 inches excluding the canopy box. Each rack should be able to withstand at least 100 kg weight of soil, water and plants in addition to its own weight or better.<li data-bbox="284 1850 1305 2024">7. In five racks, light canopy should be fitted with 6 LED tubes plus 2 photosynthetically active radiation (PAR) tubes T5/T8 (PHILIPS, Osram, Wipro) and domestic electronic ballast (Philips, Havells, Osram) wherever required. Copper wiring of 2.5 Sq. mm FRLS or better (Finolex, Sterlite, Havells) coated with PVC should be used for power supply. Each tube should have its own	10 Nos.

ON/OFF switch box 5 Amp. (Philips, Lengrand) to switch single tube at a time.

8. In remaining five racks, light canopy should be fitted with T5/T8, 9 LED tubes plus 3 photosynthetically active radiation (PAR) tubes (PHILIPS, Osram, Wipro) and domestic electronic ballast (Philips, Havells, Osram) wherever required. Copper wiring of 2.5 Sq. mm FRLS or better (Finolex, Sterlite, Havells) coated with PVC should be used for power supply. Each tube should have its own ON/OFF switch box 5 Amp. (Philips, Lengrand) to switch single tube at a time.
9. Two programmable 24-hr. timer to control light-dark cycle for all the racks in a room integrated with PT-100 sensor for temperature control and programmable logic controller with cutoff linked to illumination.
10. The whole rack will be covered from the backside by SS304 panel having round perforated holes (0.4cm) at least 1 inch far apart.
11. The vendor can see in the existing plant growth facility racks, fitted with light canopy, switches etc., which are assembled inside plant growth chamber / room.
12. The vendor having experience with SS304 work should participate in the bidding process. As a proof provide the coloured photographs of the previous works done with the tender.
13. The price of individual items; must be quoted separately.
14. The vendor should provide warranty for a year for the racks and electrical components including the ballasts.
15. The SS-304 material to be used in the racks will be lab tested for carbon, nickel, phosphorous and other components to ascertain the property of stainless steel. The vendor will get the steel testing from accredited lab before embarking upon the fabrication.
16. The vendor/agency should have taken at least one fabrication work in research lab in the last 5 years.

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- TU/V/RG-CDE(1062)1 201-CUSTOM DATED 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. The bidder are requested to quote and indicate the prices in [**Euro/Dollars**] wherever applicable in Technical Bid furnished along the tender documents/compliance sheet.
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)