



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(920)17/18Pur

Dated- 30th 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 **Biosafety Cabinet(s)** 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.

-sd-

(Mukesh Kumar)

Assistant Registrar (S&P)



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E-TENDER NOTICE

Tender Ref.- IISERM(920)17/18 Pur	Dated :- 30 th November 2017
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Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	30 th November 2017	6:00pm
2.	Tender Document download start Date & Time	30 th November 2017	6:00pm
3.	Bid Submission start Date & Time	30 th November 2017	6:00pm
4.	Bid Submission End date and Time	26 th December 2017	Upto 11:00am
5.	Tender opening Date and Time	27 th 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. 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:-

Sr.	Details of Specifications	Qty.
01	Biosafety Cabinet Class II Type A (Specification as enclosed/given)	
	I. Cabinet of (4.0 feet)	03
	II. Cabinet of (3.0 feet)	01

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)

Specifications for Biosafety Cabinet Class II Type A

Unit I: ~4.0 feet; Quantity: 3 (Three)

Unit II: ~3.0 feet; Quantity: 1 (One)

Specifications for Biosafety Cabinet Class II Type A Unit I: Approx. working space width = 1220 mm (4.0 ft)

1. The biosafety cabinet will be used for microbial/animal cell culture work assigned to biological safety levels I, II or III, to be provided with germicidal UV lamp (UV lamp to be in working zone with on/off working timer), fluorescent lamp (≥ 1200 Lux) and two electrical outlets. The approximate width of working space should be 4.0 feet.
2. Microprocessor controlled airstream (Class II) with LCD display.
3. The control system should have capability to constantly monitor and display airflow velocity and produce visual as well as audible alarms in case of low airflow/ airflow failure.
4. Dimension: Width: < 1340 mm
Depth: $750 - 800$ mm
Height: ≤ 2115 mm
5. Construction:
 - (a) Main body: electro-galvanized steel or equivalent.
 - (b) Single piece Stainless Steel (SS) interior side walls and back walls (SS surface for easy cleaning). Corners should be curved.
 - (c) The working area tray/platform should be removable for easy cleaning and disinfection of working zone.
 - (d) Cabinet should be provided with RS-232 Port for interface.
 - (e) Cabinet should have DC motor.
6. Downflow and Exhaust Filters:
 - (a) ULPA/HEPA
 - (b) Filter efficiency $\geq 99.99\%$ at $0.1 - 0.3 \mu\text{m}$ particle size.
7. Airflow velocity: $0.4-0.6$ m/s, air flow volume maintained with proper inflow, down flow and exhaust.
8. Provided with fixtures for Air/Gas/Vacuum/Nitrogen. Adapters and other accessories required for LPG gas connection should be supplied along with the equipment.
9. Sound level: $50 - 70$ dBA
10. Safety: Visual and/or audible alarm for low air flow velocity, filters, excess door open.
11. The system should be supplied with support stand with castor wheels (from Original Equipment Manufacturer (same manufacturer)).
12. Certification: NSF-49 certified and listed on NSF website.
13. IQ/OQ/PQ Documentation to be included.
14. All costs of installation, validation performance demonstration at site and on site testing like DOP test, particle test, noise level test, current/voltage test, vibration etc. to be included in main quote.
15. With every biosafety cabinet, one (1) ergonomic lab chair should be supplied.
16. Warranty: 5 years from the date of installation and two service visit of company trained service engineer in a year during the warranty period.
17. With each biosafety cabinet, one (1) 6 KVA online UPS (Double conversion) Emerson Liebert should be supplied. The UPS should provided minimum 30 minutes back-up time (26AH/12VOLT*16NOS) and should have IGBT with PWM technology with static bypass, LED bar for load and battery status with EMI & RFI filters, in-built isolation transformer and over-voltage cut-off device. 5 years warranty both on UPS and batteries replacement with new battery make as and when required in warranty period should be provided. All the required special made rack and interconnectors should be provided with the UPS with included free on-site installation. Service partner or company should have local service centre with all proof of spares locally .
18. Power Supply: 230 V and 50 Hz
19. CIF /CIP up to Delhi price and FCA/FOB should be quoted.
20. The company should have the necessary ISO-certification with regards to quality systems.

Specifications for Biosafety Cabinet Class II Type A Unit II Approx. width of working space= 915 mm (3 ft)

1. The biosafety cabinet will be used for microbial/animal cell culture work assigned to biological safety levels I, II or III, to be provided with germicidal UV lamp (UV lamp to be in working zone with on/off working timer), fluorescent lamp (≥ 1200 Lux) and two electrical outlets. The approximate width of working space should be 915 mm (3 ft).

2. Microprocessor controlled airstream (Class II) with LCD display.

3. The control system should have capability to constantly monitor and display airflow velocity and produce visual as well as audible alarms in case of low airflow/ airflow failure.

4. Dimension: Width: <1040 mm
Depth: 750 – 775 mm
Height: ≤ 2115 mm

5. Construction:

(a) Main body: electro-galvanized steel or equivalent.

(b) Single piece Stainless Steel (SS) interior side walls and back walls (SS surface for easy cleaning). Corners should be curved.

(c) The working area tray/platform should be removable for easy cleaning and disinfection of working zone.

(d) Cabinet should be provided with RS-232 Port for interface.

(e) Cabinet should have DC motor.

6. Downflow and Exhaust Filters:

(a) ULPA/HEPA

(b) Filter efficiency $\geq 99.99\%$ at $0.1 - 0.3 \mu\text{m}$ particle size.

7. Airflow velocity: 0.4-0.6 m/s, air flow volume maintained with proper inflow, down flow and exhaust.

8. Provided with fixtures for Air/Gas/Vacuum/Nitrogen. Adapters and other accessories required for LPG gas connection should be supplied along with the equipment.

9. Sound level: 50 -70 dBA

10. Safety: Visual and/or audible alarm for low air flow velocity, filters, excess door open.

11. The system should be supplied with support stand with castor wheels (from Original Equipment Manufacturer (same manufacturer)).

12. Certification: NSF-49 certified and listed on NSF website.

13. IQ/OQ/PQ Documentation to be included.

14. All costs of installation, validation performance demonstration at site and on site testing like DOP test, particle test, noise level test, current/voltage test, vibration etc. to be included in main quote.

15. With the biosafety cabinet, one (1) ergonomic lab chair should be supplied.

16. Warranty: 5 years from the date of installation and two service visit of company trained service engineer in a year during the warranty period.

17. With the biosafety cabinet, one (1) 6 KVA online UPS (Double conversion) Emerson Liebert should be supplied. The UPS should provided minimum 30 minutes back-up time (26AH/12VOLT*16NOS) and should have IGBT with PWM technology with static bypass, LED bar for load and battery status with EMI & RFI filters, in-built isolation transformer and over-voltage cut-off device. 5 years warranty both on UPS and batteries replacement with new battery make as and when required in warranty period should be provided. All the required special made rack and interconnectors should be provided with the UPS with included free on-site installation. Service partner or company should have local service centre with all proof of spares locally .

18. Power Supply: 230 V and 50 Hz

19. CIF/CIP up to Delhi price and FCA/ FOB should be quoted.

20. The company should have the necessary ISO-certification with regards to quality systems.

General conditions:

- The vendor should provide point-wise compliance statement in tabular form as given in tender document, clearly mentioning the compliance/deviation (if any).
- Accessory items (if required) for the instrument should also be quoted.