

**Inter University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, Kariavattom,**

Thiruvananthapuram, Kerala, India - 695581

TENDER -Pl.A1/CEIB/17

Dated 16.10.2017

**E-Tender Notice**

**Inter University Centre for Evolutionary and Integrative Biology (iCEIB),** University of Kerala, Kariavattom, invites open tender through e-Procurement (two cover system) from the Original Equipment Manufacturers or their Authorised Dealers for the supply, installation and commissioning of 3 Feet Biological Safety Cabinet, Class II, Type A2:

Last date and time for submission of tender online	<b>30.10.2017 AT 5.30 P.M.</b>
Last date and time for submission of tender offline	<b>30.10.2017 AT 5.30 P.M.</b>
Date and time of opening of tender	<b>03.11.2017 AT 11.00 AM</b>
Hard copies of the sealed tenders to be submitted to the office of	The Registrar, University of Kerala, Senate House campus, Palayam Trivandrum- 695 034, Kerala  e-mail: regrku@gmail.com
For technical details contact	Prof. M.C. Subhash Peter, Honorary Director, Centre for Evolutionary and Integrative Biology, University of Kerala.  Phone No. 9447044657  E-mail: subashpeter@yahoo.com

For further details logon to [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in)

TECHNICAL SPECIFICATIONS of 3 Feet Biological Safety Cabinet, Class II, Type A2:

Specifications:

- The cabinet should be at least 3 feet wide with 10 inches (25 cm) sash opening height. Complete stainless steel interior is a must (all the interior walls must be in stainless steel only and Powder-coated steel exterior.
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- The cabinets should be of Class II Type A2 type, 70% air re-circulated within the cabinet and 30% air should be exhausted
- System must have a single ECM motor with high torque to save energy & Contain-Air Negative Pressure Channel ensuring Class 5 conditions along with Supply and exhaust 99.99% efficient HEPA filters.
- System should be able to automatically compensate the blower speed / torque for the full filter life without any human intervention ever.
- The system must be have LCD information display located inside the airflow area at back wall or side wall to observe all the parameters smoothly
- Interior-mounted, line-of-sight full colored LCD display with "Filter Life Remaining" bar graph and status line for alarm conditions and alerts to warn filter remaining life in percentage. Filter life calculation should be based on the real loading of the filter and not just a mere timer / hour counter.
- Should have Electronic security lock to operate the cabinet so that unauthorized persons do not use the cabinet.
- Noise level should be less than 65 dba.
- Cabinet should be supplied with base stand form same manufacturer.

- Should have facility that idles the blower when the sash is fully closed to maintain safe conditions (Contamination free environment), create a quieter work environment, and save energy.
- Cabinet must be NSF- 49 Certified. The certificate mentioning the make and model of the equipment should be submitted along with the quotation, otherwise the quotation would be considered as invalid/ rejected.
- System should be ADA Compliant, ISO 9001 and CE Certified
- If quoting on behalf of foreign manufacturer an authorization letter specific for this particular enquiry / tender must be enclosed otherwise the quotation will not be considered.
- Warranty – 1 year

#### General Conditions:

1. The tender shall be submitted in the two bid viz. Technical Bid and Financial Bid. Only those qualified in technical bid will be eligible for participating in financial bid. A presentation regarding the technical specification and item to be supplied shall be done before the technical evaluation committee if requested.
2. The bidder should be a manufacturer or their dealer specifically authorized by the manufacturer to quote on their behalf for this tender as per Manufacturer Authorization From and Indian agents of foreign principals, if any, who must have designed, manufactured, tested and supplied the equipment(s) similar to the type specified in the “Technical Specification”. Such equipment must be of the most recent series/models incorporating the latest improvements in design. The models should be in successful operation for at least one year as on date of Bid Opening.
3. **Compliance Statement:** Along with the technical details provide a tabular column indicating whether the equipment quoted by you meets the specifications by indicating 'YES' or 'NO'. If 'YES', support the claim by providing original brochures. **Venders**

should provide clear brochures/data sheets about the equipment and it's working. Also include adequate proof for the claim regarding the performance.

4. **Reference:** Names of Institutes with contact person and telephone/ email where similar equipment supplied by you in India [Preferably South India] shall be mentioned in the bid.
5. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.
6. The price should be inclusive of all taxes, duties, transportation, insurance, installation etc. Nothing extra will be paid in addition to the quoted rate. Any amount in Indian rupees for installation, commission, labour, spares, service etc shall be entered in item 2 of BoQ.
7. **Payment Terms:** 90% payment shall be made through irrevocable LC on presentation of complete and clear shipping documents and balance 10% of the amount shall be released after the receipt, installation commissioning and acceptance of the equipment.
8. **Validity of tender:** Tender submitted shall remain valid at least for 120 days from the date of opening the tender. Validity beyond 120 days, from the date of opening of the tender shall be by mutual consent.
9. **Delivery and installation:** Proposed delivery schedule should be mentioned clearly. Delivery and installation should be made at the Centre for Evolutionary and Integrative Biology, University of Kerala, Kariavattom campus, Trivandrum without extra cost. University of Kerala will provide customs duty exemption certificates if required.

10. Service facility: Supplier should mention their details of service setup and manpower in Thiruvananthapuram who are responsible for after sales support.
11. The model number, make, and a printed literature of the product shall submit positively.
12. In case of any dispute, the decision of the University authority shall be final and binding on the bidders.
13. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.
14. If any component is found to be defective during the warranty period, the vendor has to replace the defective item immediately at their own cost.

**Documents to be Uploaded**

- 1 Signed Compliance Matrix
- 2 Detailed Technical Brochure
- 3 Under taking of support for next 10 Years
- 4 BoQ
- 5 DD/Hard copy of Bank Guarantee if opted

**The Registrar,  
University of Kerala,  
Senate House campus, Palayam , Trivandrum- 695 034, Kerala.**