

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

Thiruvananthapuram, Kerala, India – 695581

TENDER –PLA1/CEIB-1/18

Dated 24.02.2018

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, and installation of **Real Time PCR system with its Accessories**

Last date and time for submission of tender online	14.03.2018 at 5.30 PM
Date and time of opening of tender	17.03.2018 at 11.00 AM
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

Technical specifications of Real Time PCR system with its Accessories

Specifications:

- A dedicated multicolor Real Time PCR system (excitation and emission) with latest generation Peltier-based 96-well plate/tube in-built PCR to support:
 - o Gene-Expression analysis,
 - o Pathogen Quantitation,

- SNP Genotyping,
 - Plus/Minus Assays that utilize internal positive control,
 - Dissociation Curve Analysis,
 - Multiplexing and complete End-Point Assays.
- Bright White LED for better excitation
 - Must be peltier based system.
 - Four filters with minimum 4plex multiplexing (Four targets in one tube).
 - System should be capable of running 2 to 3 individual programming in the same run with different set of temperature.
 - CMOS/CCD Camera for detection.
 - System should run both Taqman and SYBR GREEN chemistries in the same run.
 - System should run in FAST and standard mode.
 - Vendor should provide option to remote monitor runs, easily access to your data with the help of cloud.
 - A complete line of reagents including TaqMan[®] universal PCR Master Mixes and SYBR[®] Green I Master Mixes, and disposables including tubes and 96-well plates for use with the system must be quoted
 - Vendor should also supply complete range of TaqMan readymade and custom design assays.
 - System should able to run assays at Universal Thermal Cyclic conditions.
- Vendor should supply 3 KVA online UPS with 1 hour back up.

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. **Every bidder should remit tender fee for Rs 500/-**
7. 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.
8. **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.
9. **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.
10. **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.

11. Service facility: Supplier should mention their details of service setup and manpower in Thiruvananthapuram who are responsible for after sales support.
12. The model number, make, and a printed literature of the product shall submit positively.
13. In case of any dispute, the decision of the University authority shall be final and binding on the bidders.
14. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.
15. 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.**