

Global tender notification for the procurement of “Body Plethysmograph System” for the Animal BSL-3 facility in Centre for Infectious Diseases, Department of Microbiology and Cell Biology at the Indian Institute of Science, Bangalore

Last date of submission of tenders: 01.11.2023

(TENDER FROM FOREIGN VENDORS)

Date: 11.10.2023

To whom it may concern

This is a Request for Quote (RFQ) from Foreign/ International Original Equipment Manufacturer (OEM) or their Indian authorized distributor for the supply of “**Body Plethysmograph System**” as a part of a tender for the Centre for Infectious Diseases Research, Department of Microbiology and Cell Biology at the Indian Institute of Science.

The global tender comes without GTE approval since, the equipment is exempted from GTE approval process vide the government order, OM No. F 4/1 12022-PPD(pt) Dated the 21't June,2022 which provides relaxation on global tender enquiry (GTE) under rule 161(iv) of General Financial rules (GFRs) 2017 for procurement of medical devices.

The equipment is listed in Sl. No. 128.

Please send your quotation valid for 90 days for the supply of equipment described below.

Your quotation should clearly indicate the terms and conditions of the quotations, delivery, delivery schedule, entry tax, payment terms, warranty coverage, etc.

The tender should be submitted in two separate sealed envelopes – one containing the “Technical Bid” and the other containing the “Commercial bid”, both of which should be duly signed and must reach the undersigned on or before 17.00 hrs 1st of November 2023.

The compliance table should include all the items and in the same order. The first column should describe your compliance in a “Yes” or “No” response. If “No” the second column should state, the extent of the deviation. The “third” column should state the reasons for the deviation if any. The fourth column can be used to compare your solution with that of your competitors or provide details as requested in the technical requirements below.

TECHNICAL SPECIFICATIONS SHEET

TECHNICAL SPECIFICATIONS FOR BODY PLETHYSMOGRAPH SYSTEM

Hardware Specifications:

- The system should include two whole body plethysmograph chambers to study pulmonary function and evaluate bronchoconstriction in unrestrained conscious mice models.
- The subjects should be conscious and freely moving, permitting continuous measurements of their respiratory system under normal, stress-free conditions.
- The plethysmograph chamber should be yellow tinted to reduce subject acclimation time and variability between baseline values.
- All sensitive components, such as mesh screens and electrical components, should be enclosed in a separate module to prevent damage during use and also allow easy removal and cleaning of the subject chamber.
- The majority of the equipment/software should remain the same when transitioning from one subject to another (i.e. mice to rats) and system should allow future upgradation and expansion to study multiple subjects simultaneously under similar conditions.
- A single ventilation pump with a flow of 0-2.5 LPM & tubing's should be included and it should have capacity to exchange air in two chambers at a time.
- A direct link plug and play USB amplifier with sampling rate of 2 KHz should be included.
- Data acquisition and real time analysis software to record 4 channels should be included and it should acquire, analyze, display, control and store data generated during an experiment.

Software Specifications:

- Software should have four channel respiratory flow analyser and future upgradation should be possible.
- Software should allow for customized protocols and analysis on a breath-by-breath basis.
- Software should have ability to fine tune analyzer settings, creating parameters, and reanalyze data with new criteria should be available.
- Software should immediately visualize, qualify, and quantify the incoming breaths individually and it should allow user-defined trend graphs, data tables, and experiment history.
- The system should include suitable Desktop PC or Laptop supplied locally from India.
- Warranty : 3 Year

Terms and conditions:

The quote should come only from Foreign/ International Original Equipment Manufacturer (OEM) or their Indian authorized distributor or from the original manufacturer.

The quotations should be submitted in two bids system, i.e., technical bid, and commercial bid.

The technical bid must include all details of technical specifications of the instrument along with commercial terms and conditions masking only the price component. Bill of materials, brochures, technical datasheets, and any other document may be enclosed to help the evaluation of the technical bid. Also include warranty terms and any other information on upgradation terms in the technical bid.

The commercial bid must include the price of the instrument indicating break up of: Installation, commissioning, and training charges, including any incidental expenses if any.

The price of every line item in the commercial bid should be quoted along with the total quoted price for the instrument to be operational (fixed and ready to use) in our facility.

Both the Technical and Commercial bid should be put in separate sealed envelopes, and put together in another cover stating, "**Body Plethysmograph System**" and should reach us on or before 17:00 hours of 01st November 2023

The vendor should have a team of dedicated engineers for application and service support based out of Bangalore

The vendor should conduct training workshops for the users every six months for the first three years of procurement.

The lead time for the delivery of the equipment should not be more than three months from the date of receipt of the purchase order

The validity period of the quotation should be 90 days

If the goods are found to be defective, they must be replaced or rectified at the cost of the supplier within 30 days from the date of receipt of written communication from us. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

The purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time period to the award of construct without thereby incurring any liability of the affected bidder or bidders

Please submit the proposal to the following address: The Chair (Attention Dr. Amit Singh), MCBL, Centre for Infectious diseases Research, Indian Institute of Science, C. V. Raman Avenue, Bangalore 560012.