



## DEPARTMENT OF MICROBIOLOGY PANJAB UNIVERSITY, CHANDIGARH

**Prof. S.K. Soni**  
Chairman

No.: Micro/466  
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### **NOTICE INVITING QUOTATIONS FOR SUPPLY AND INSTALLATION OF A BIOSAFETY CABINET (CLASS IIA2), NEGATIVE PRESSURE SYSTEM, TEMPERATURE AND HUMIDITY MAINTENANCE DEVICE, PREFILTERS & HEPA FILTERS FOR CLEAN AIR SYSTEM OF BIOSAFETY LEVEL-2 (P-2) LABORATORY, WORK BENCHES AND STAINLESS STEEL LABORATORY STOOLS**

Please send your quotation by Registered Post/Courier for supply and Installation of the following:

1) a Biosafety Cabinet, 2) Negative pressure system with filters and ducting for 2 clean rooms, 3) a Temperature and Humidity maintenance device, 4) Three spare sets of 2 HEPA filters and 2 pre filters for the clean air system of two clean rooms, 5) Two spare HEPA filters for 2 Biosafety cabinets with their replacement/ installation during the next 5 years, 6) Two heavy duty work benches with granite top for the two clean rooms, 7) Two stainless steel laboratory stools for working on biosafety cabinets in the two clean rooms of Biosafety Level-2 (P-2) Laboratory in the Department of Microbiology, Panjab University, Chandigarh out of the DEVELOPMENT GRANT of the Department of Microbiology, Panjab University, Chandigarh. While submitting the quotations please take in to consideration the following points:

**LAST DATE AND TIME FOR RECEIPT OF QUOTATIONS: 06.07.2018 till 4:00 pm**

**DATE AND TIME OF OPENING OF QUOTATIONS: 09.07.2018 at 11.00 am**

The quotation should be in two separate bids i.e. Technical Bid and Commercial Bid (Price Bid). Technical bid should contain all technical details of the product, literature /catalogue/quality certificates/customer list, supply terms & conditions etc., along with an authority letter from the manufacturer in sealed envelope clearly marked as Technical bid.

Commercial bid (Price Bid) should contain the information about the prices and the applicable taxes both in words and figures in sealed envelope clearly marked as "Commercial Bid"

The quotation should be accompanied by the earnest money (EMD), equivalent to Rs. 10,000/- in the form of demand draft, drawn in favour of the Chairman, Department of Microbiology, Panjab University, Chandigarh payable at Chandigarh.

**Warranty:** 12 months from the date of completion/installation

**Time frame:** Max 45 days for completed and functional BSL lab from the date of order

**TECHNICAL SPECIFICATIONS OF 1) A BIOSAFETY CABINET (CLASS IIA2), 2) NEGATIVE PRESSURE SYSTEM FOR 2 CLEAN ROOMS, 3) A TEMPERATURE AND HUMIDITY MAINTENANCE DEVICE, 4) THREE SPARE SETS OF 2 HEPA FILTERS AND 2 PRE FILTERS FOR THE CLEAN AIR SYSTEM 5) TWO SPARE HEPA FILTERS FOR BIOSAFETY CABINETS 6) TWO HEAVY DUTY WORK BENCHES FOR THE TWO CLEAN ROOMS, 7) TWO STAINLESS STEEL LABORATORY STOOLS FOR BIOSAFETY LEVEL-2 (P-2) LABORATORY IN THE DEPARTMENT OF MICROBIOLOGY, PANJAB UNIVERSITY, CHANDIGARH**

1. One 4 feet Bio safety cabinet (Class II A2) with both outer body and inner body made of stainless steel. There should be electrical receptacles inside the biosafety cabinet. Provision for Gas connection.

Specifications for Biosafety Cabinet:

- a. The biosafety cabinet will be used for microbial/animal cell culture work Working Dimension:
    - i. Width: 4 feet
    - ii. Depth: 2 feet
    - iii. Height: 2 Feet
  - b. Construction:
    - i. Main body: steel.
    - ii. Stainless Steel interior
    - iii. Cabinet should have DC motor
  - c. Downflow and Exhaust Filters:
    - i. ULPA/HEPA
    - ii. Filter efficiency  $\geq 99.9\%$  at  $0.1 - 0.3 \mu\text{m}$  particle size.
  - d. Fixtures: System should have energy-efficient LED lamp or fluorescent lamp and UV tube/lamp.
  - e. Provided with fixture for Gas. Adapters and other accessories required for LPG gas connection should be supplied along with the equipment.
  - f. Sound level: 50 -70 dBA
  - g. Support Stand: Provided with support stand. Height 28.0 - 29.0 inch
  - h. Power Supply: 230 V, 50 Hz
2. Negative pressure system with Filters (2-5 micron)and ducting to create negative pressure of -5Pa to -10 Pa in 2 rooms, one of 10x10x8.3 ft and second of 10x7x8.3ft.
  3. The temperature and humidity maintenance device to maintain a temperature of 23-25C and 35-55% relative humidity
  4. Pre filters (5 micron) and HEPA filters (0.2 micron) for systems installed already in the lab (3 Sets for 2 nos. of 2x2 ft HEPA Filters and 2 nos. of Prefilters ). Replacement/ Installation with in next 5 years should be free of cost and the Bidder will be required to submit an affidavit in this regard.
  5. Replacement HEPA filters for 2 number of Biosafety Cabinets. Replacement /Installation with in next 5 years should be free of cost and the Bidder will be required to submit an affidavit in this regard.
  6. Clean room compatible heavy duty 6'x2' workbenches (two) with granite top to keep heavy instruments like centrifuge, incubators etc.
  7. 2 nos. of heavy duty stainless steel laboratory stools for using bisafety cabinet

**Note:** Specifications are basic essence of the product. It must be ensured that the offers are strictly adhered to as per our specifications. At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. The technical bid shall be evaluated for acceptability by the technical committee and may call the tenderers for discussion.

The bidder should have experience of installing the biosafety level-2 laboratories and should quote the comprehensive cost as a package. The list of users along with the complete name, address & contact numbers of the user organizations/persons should be submitted with the quotation. The orders should be in the name of quoting firm only. The orders in name of 3<sup>rd</sup> party and without a comprehensive package will lead to cancellation of bid.

## GENERAL TERMS AND CONDITIONS

- Please quote F.O.R destination Chandigarh only in INR.
- The prices should include the installation charges, GST. As the equipment/ materials/accessories are to be used for research purpose, the requisite GST exemption certificate will be provided by the Department.

- Prices should be quoted separately for the main equipment and the optional accessories.
- Only the quotations with comprehensive cost as a package will be considered.
- Quotations should be sent with EMD of Rs. 10,000/- by DD, in favour of the Chairman, Department of Microbiology, Panjab University, payable at Chandigarh.
- EMD, Technical quote and Price quote should be in separate sealed envelopes, clearly marked as “EMD”, “Technical Bid/Quote” and “Price Bid/Quote” respectively. Put all envelopes in one big envelope.
- The envelope containing EMD, Technical quote and the price quote must be marked with: “**QUOTATION to be opened on 09.07.2017 (11.00 am)**” and addressed to the Chairman, **Department of Microbiology, BMS Block I, Sector-25, PANJAB University, Chandigarh-160014.**
- It should be clearly stated that the rates are inclusive of GST and everything including packing, transport, freight, insurance, custom charges etc.
- Certify that the equipment/ material is of latest technology
- Ensure that all essential spare parts and maintenance/repair services will be available in India with Indian agent as and when required
- Validity of the Quotation should be at least 90 days
- Also provide : a) Certificate that the quoted price is reasonable, not greater than that charged from any other Govt. institute, b) Copy of authorization by the manufacturer or the Indian agent, c) **User list in India**
- Payment will be made after delivery and installation



**S.K. SONI**