



## DEPARTMENT OF MICROBIOLOGY PANJAB UNIVERSITY, CHANDIGARH

**Prof. S.K. Soni**  
Chairperson

No.: Micro/1706  
Dated: 25.10.2017

### NOTICE INVITING QUOTATIONS FOR CONSTRUCTION OF A BIOSAFETY LEVEL II (P2) LABORATORY

Please send your quotation by Registered Post/Courier for construction of a Biosafety Level II (P2) 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:** 16.11.2017 till 4:00 pm  
**DATE AND TIME OF OPENING OF QUOTATIONS:** 17.11.2017 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. 10000/- in the form of demand draft, drawn in favour of the Registrar, Department of Microbiology, Panjab University, Chandigarh, payable at Chandigarh. The EMD will be returned after installation of the equipment.

#### TECHNICAL SPECIFICATIONS OF THE Biosafety Level II (P2) Lab

1. A specialized wall panel system for the inner perimeter of lab made up of PUF panel not less than 50 mm thick with wall powder coated (sealed from all 6 sides) (PUF Insulation density: 40+2kg/m<sup>3</sup> Both Side Skin: minimum 0.60 mm thick Permanently Color coated Galvanized mild steel as per IS:277, Galvanized Grade 120 GSM / M3. Yield Strength is 240 MPA.)
2. A specialized wall panel system with risers made up of PUF panel not less than 80 mm thick with wall powder coated (sealed from all 6 sides) (PUF Insulation density: 40+2kg/m<sup>3</sup> Both Side Skin: minimum 0.60 mm thick Permanently Color coated Galvanized mild steel as per IS:277, Galvanized Grade 120 GSM / M3. Yield Strength is 240 MPA.) for connecting with return air ducts.
3. Lab partition walls should be made of PUF panel not less than 50 mm thick powder coated with powder coated (sealed from all 6 sides) (PUF Insulation density: 40+2kg/m<sup>3</sup> Both Side Skin: 0.60 mm thick Permanently Color coated Galvanized mild steel as per IS:277, Galvanized Grade 120 GSM / M3. Yield Strength is 240 MPA.)  
Room size :
  - a. Ante Room 5x4 feet.
  - b. Biosafety Room 1 10 x 10 feet
  - c. Biosafety Room 1 7x10 feet
  - d. Corridor 3x10 feet

4. Lab Ceiling (at 2500mm height) should be made of PUF panel not less than 50 mm thick powder coated (sealed from all 6 sides) (PUF Insulation density: 40+2kg/m<sup>3</sup> Top Side Skin: 0.60 mm thick Permanently Color coated Galvanized mild steel as per IS:277, Galvanized Grade 120 GSM / M3. Yield Strength is 240 MPA having profile depth 28-30mm with 195-200mm pitch.) The load bearing capacity to be not less than 150kg/m<sup>2</sup>.
5. Double glaze glass window (5mm) of dimension not less than 1mtr x 1.2mtrs compatible with lab should be made in analysis room
6. Supply & Installation of single leaf lab door complete with all fittings.1000mm X 2100mm (4 Nos.) with view panel having not less than 5 mm thick glass. All Air-Tight Single Doors should be powder-coated (for easy cleaning). The Single door should be installed completely with handle door and closer, automatic bottom seal.
7. The panel edges should be sealed with Room Temperature Vulcanizing (RTV) Silicone to the structural frame and fasten on both sides to form an airtight sealed panel
8. There should be cut-outs on the ceiling and walls to accommodate AC unit, lights, electrical outlets, control panels, monitoring and piping where ever applicable
9. Supply & Installation of PVC coving and flashing, complete with all fittings. Smooth radius coving should be installed at all wall-to-wall, wall to ceiling and wall to floor joints. All seams should be then carefully sealed with RTV sealant.

### GENERAL TERMS AND CONDITIONS

- Please quote F.O.R destination Chandigarh only in INR.
- The prices should include the installation charges, GST and other Taxes
- Prices should be quoted separately for the main equipment and the optional accessories.
- Quotations should be sent with EMD of Rs. 10,000/- by DD, (returnable at the time of installation) in favour of the Chairperson, 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 17.11.2017 (11.00 am)”** and addressed to the Chairperson, **Department of Microbiology, BMS Block I, Sector-25, PANJAB University, Chandigarh-160014.**
- It should be clearly stated that the rates are inclusive of sales and other taxes 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
- Time frame: Max 90 days for completed and functional BSL lab from the date of order.
- 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**