

Ref No: IITK/BSBE/SERB-2017/SM01

Technical Specification Sheet:

- Class II Biosafety Cabinet Type A2 design.
- Should include a germicidal UV lamp, set of arm rest, an electrical outlet and a support stand provided with leveling bases.
- Should be equipped with advance technology to control inflow & down flow velocities automatically every minute.
- Size 4 feet width and the front window must have 8/ 10" sash opening with working surface of stainless steel 304. Side wall of the working surface should be made-up of metal.
- Equipped with pressure sensors across the Supply and Exhaust HEPA filters.
- Motor should be DC /ECM & must automatically adjust the airflow speed (balancing inflow and down flow) without the use of a damper to ensure continuous safe working conditions.
- The microprocessor must display the inflow and down flow air velocities in real-time on an LED/LCD display.
- Should have port for vacuum tubing and cables on the sides.
- HEPA/ULPA Filter should be 99.995% MPPS(Most Penetrating Particle Size)
- UV light must be programmable to allow for specific exposure times from 0 to 24 hours. Lightening power should >1100 Lux (100fc);cabinet noise level must be less than 65 dB(A)
- **Cabinet should be NSF (National Sanitation Foundation) or EN certified by TUV-NOD and certificate of the quoted model should be attached.(NO DEVIATION WILL BE ACCEPTED)**
- Power Consumption in Normal mode: 200W \pm 10% supplied with Suitable voltage stabilizer.
- CE certified with Warranty of 2 year at least.
- The supplier should have at least 20 installations Base of Biosafety in India.
- Should be supplied with Bench Top Micro Centrifuge Refrigerated with RPM approx 13,000 to 15,000 for 24x1.5 ML as Free of cost.

After Sales Service:

1. For providing after sales service, the vender should have quick service support for IIT Kanpur with adequate service persons, spares & all required accessories.
2. Single point of contact for support: Vender has to provide details of single point of contact viz. Designation, address, and email address, telephone/mobile no. Escalation matrix for support should also be provided with full details.

Kindly send your offer (original, signed in sealed envelope) for the above items mentioning the following:

1. All quotation must reach undersigned by **20th August, 2017, 5 P. M.**
2. Validity of quotation should be at least for 60 days.
3. Cost of the item with technical specification in detail along with warranty and guarantee period.
4. Educational discount applicable, considering end use for research and teaching.

5. Prices should be quoted on the basis of delivery to IIT Kanpur.
6. Delivery must be within 01 months.
7. Quotation should carry proper certification like agency and/or proprietary certificate, etc.
8. Normal payment terms for the Institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection).
9. Prices should be in Indian Rupees.
10. Any other relevant details.

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