

Inquiry number: BSBE/SK/21-22/07

Date: 23/03/2022

Closing date: 03/04/2022

Description: Series A2 Biological Safety Cabinet

Series A2 BSC with cabinet, manual adjustable height stand, factory-installed UV light and one set of armrests.

Please send the ‘**Sealed quotation**’ with **academic discount** for the following hardware before 2-April-2022.

Address to:

Dr. Suresh Kumar

Dept. of Biological Sciences and
Bioengineering, Indian Institute of
Technology, Kanpur
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Product Specification:

- **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.**
- **Size 4 feet width and the front window must have 8/ 10” sash opening with working surface of stainless steel 304.**
- **Motor should be Dual DC or 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.**
- **Hepa 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) certified and certificate of the quoted model should be attached.**
- **Power Consumption in Normal mode :200W ±10%**
- **CE certified with Warranty of 3 years**
- **The supplier should have at least 20 installations Base of Biosafety in India.**
- **Suitable Stabilizer should be quoted separately.**