

Ref: C-CAMP/L-066/2023-24 (C)

August 1, 2023

ENQUIRY

Dear Sirs,

Please let us have your lowest quotation for the following:

Sl.No.	Item/s description	Qty.
1	<p>Technical Specification for Biosafety cabinet – 3ft Class II Type A-2</p> <p>The Bio safety cabinet should be made of stainless steel 304 grade with Heavy Gauge with approximately inner dimension of the chamber 900 X 600 X 650 mm.</p> <p>The Bio safety cabinet should be Type A2 in which 70% Air should be recirculated and 30% of the air should be exhausted with inflow velocity around 110±5 fpm.</p> <p>The Front door should be made of polycarbonate/ toughened glass. It should have vertical sliding door and control with counter weight arrangement.</p> <p>The Bio Safety Cabinet must include two DC motors. High power consuming AC motors should not be used</p> <p>The system should have the safety feature to preserve the user and the environment</p> <p>The BSC cabinet must use a pressure sensor rather than anemometer to detect pressure drop and should be enclosed with the protection in order to protect the sensor from temperature, humidity and other environmental conditions that can impact the sensor performance.</p> <p>The work surface area should be in two part, Front perforated portion and non-perforated working zone.</p> <p>The table surface should be easily removable for cleaning below the work surface for spillage management.</p> <p>The Biosafety Cabinet should have microprocessor controller and same must be located in front panel for easy see and reach from a seated working position in front of the cabinet.</p> <p>The Bio safety cabinet should incorporate HEPA/ ULPHA filter, of the class H 14 EN 1822 or better and having minimum efficiency of 99.995% at 0.3 µm particle size. The cabinet should give class 100 clean air in chamber.</p> <p>The System should have suitable fluorescent lamp and UV lamp. The UV lamp should be placed in such a way that the light should not be in direct view of user. It should have interlinking with door opening and there should be timer for UV light ON time.</p> <p>The system noise level must be less than 60 dB(A) +/- 5% as measured in sound proof room 12 inches in front of the cabinet and 15 inches above the work surface</p> <p>The system must automatically reduce fan/blower motor speed to 30% when the front window sash is in closed position to ensure the energy consumption when the cabinet is not in use.</p> <p>The front window must be a 10” sash opening and be made of laminated safety glass to ensure containment of potentially hazardous samples in case of accidental glass breakage.</p> <p>The System should be provided with Universal Service fittings for gas, air, vacuum and gas burner.</p> <p>The system should have 2 Switches & Electrical sockets outlets with 5amp power point.</p> <p>The system should be provided with Microprocessor controller and large LED display for inflow and Down flow air velocity and hours of operation, Audible and visual Alarms for HEPA filter failure, blower failure, airflow speed failure, Incorrect window position.</p> <p>The system should have microprocessor controlled electronic circuitry and it should have Real time display of parameters like in/down flow velocity, airflow volume, Static pressure, negative pressure, accumulative running time of fan and UV lamp, left lifetime of filter etc.</p> <p>The BSC must have an LED Indicator to indicate filter loading and should provide visual and audible alarm</p> <p>The system should be provided with fixed / adjustable Height Stand, UV Light and one set of detachable arms rest and one / two electrical outlet.</p> <p>The Drain Pan of the BSC should be made of Stainless Steel and drain pan should not be painted or power coated.</p> <p>The system should have indicator/ buzzer if the window is opened above the recommended level.</p> <p>The system should have the safety to laboratory Personnel and the UV light must be programmable to allow for specific exposure times from 0 to 24 hours and should have automatic shut off feature of UV light</p>	02

<p>In order to provide maximum effectiveness, efficiency and safety to laboratory Personnel, UV light must be programmable to allow for specific exposure times from 0 to 24 hours and also automatic shut off feature on the UV light should be available.</p> <p>The system should have statically and dynamically balanced for air pressurization and it should have special vibration reducing system to suit low noise and vibrations</p> <p>The cabinet should be based on NSF 49/ ANSI 49/ EN-12469:2000/ ETL/ CE certification and as per the WHO and CDC/NIH guideline for BSL-II and TB applications</p> <p>The NSF Certificate should be enclosed with the quote.</p> <p>The system should be suitable for power supply 230V, 50Hz.</p> <p>The system should be supplied with all the accessories required to function.</p> <p>Installation, validation/ performance demonstration for all critical parameters should be carried out at site with all proper instruments.</p> <p>The system should have 3-year warranty from the date of installation</p> <p>The system should be installed by the trained Engineer and should be trained on Application, operation and maintenance.</p> <p>The product should be as per CE/IEC guideline and certificate from authorized body should be submitted. No self-declaration will be accepted.</p> <p>Compliance to each of the above points should be separately indicated and evidence presence for each of them (Product brochures should be highlighted wherever required).</p> <p>The service team should be stationed in Bangalore. Contact details of Engineer and office Address should be submitted with this offer.</p>	
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Note:

1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for Ref No:..... The bids should be addressed and to be mailed / couriered (sent by post/courier) to 'THE HEAD-PURCHASE'.

The bids are liable to be rejected if the sealed envelope is not addressed to “THE HEAD-PURCHASE” with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail, it should reach by submission date and time and CCAMP/NCBS will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 21/08/2023 BY 5.30PM.

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The validity of your quotation should be for 60 days from the due date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & warranty period.

7. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto CCAMP Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment: within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

12. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties

13. Since we are a research institution, we are exempted from paying Customs duty (Except ad valorem duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No.51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories,

spares, consumables and software. Hence, please offer your prices

14. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

15. CCAMP is a public funded research institute and is entitled to concessional rate of GST @ 5% for certain items supplied for research purpose vide notification no. 47/2017 and 45/2017 dated 14th Nov, 2017. The offer should be submitted after fully considering the above notification.

16. Liquidity Damages: If the equipment/ items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

17. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services



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