

**Department of Biochemistry
University of Delhi South Campus
Benito Juarez Road, New Delhi 110021**

Quotation Invitation Letter

Date: 05/02/2021

Ref. No. – UDSC/BIOCHEMISTRY/AN/2021/15

PURCHASE OF WATER JACKETED CO₂ INCUBATOR

Name of the equipment: **WATER JACKETED CO₂ INCUBATOR**

Quantity: One

Specifications and Technical Details:

1. The incubator should be enabled with water jacket system from back, bottom, both sides and top to resist temperature fluctuations.
2. Incubator must have TC / IR sensor for CO₂ level detection system and CO₂ range from 0-20 % (control accuracy of $\pm 0.1^{\circ}\text{C}$ and uniform CO₂ level at 5% inside the chamber).
3. Incubator should possess at-least 4 shelves made up of stainless steel and easily accessible for installing / removing during clean-up process.
4. The incubator must have In chamber HEPA filtration system for maintaining ISO Class 100 Air quality with timer notification for replacement of the filter.
5. The incubator should preferably have temperature range between RT + 5°C to 55°C, $\pm 1^{\circ}\text{C}$ and must have uniform temperature inside the chamber at $37^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$.
6. Incubator should have relative humidity of 95% with an increment of 1%.
7. The incubator must possess an alarm or indicator for any variation in temperature & CO₂ concentration.
8. The incubator should have heated dual inner glass door for quicker recovery of uniform temperature after door opening and faster recovery of temperature, CO₂ and relative humidity.
9. The incubator should have simplified procedures for easy start up and use. Automatic electronic start up and automatic CO₂ auto zero on incubators.
10. The desirable inner capacity of the incubator chamber should be min. 180 litres.
11. Incubator should be accompanied with the following accessories: CO₂ cylinder, CO₂ regulator and a suitable voltage stabilizer.
12. The incubator should have microprocessor-based control and monitoring system that displays temperature & CO₂.
13. The incubator must have its probes and sensors located inside the chamber for faster recovery.
14. The incubator must be CE Certified & UL listed.
15. All the gas inlets, outlets and sample ports must be placed with microbiological filters.
16. The incubator should have outer and inner door should be field reversible type. Units can be easily configured for use anywhere in the lab.



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General instructions

- Premium branded instrument should be provided to ensure the high quality and reliability of your work.
- Installation list in premier institutes in the last 5 years is to be provided.
- 3 reference contacts are to be given.
- Details on website & product literature justifying the technical specifications must be provided.
- The incubator should be supplied with at least a warranty period of **one year on machine and five years** on the sensor from the date of delivery.
- The supplier should have service center in Delhi/NCR for quick service within 48 to 72 hours
- The equipment should be delivered latest by **31st March 2021**

Instructions to Suppliers:


Two types of quotations are to be submitted: **Technical** and **Financial**.

Technical Quotations should contain all details of technical specifications of the equipment including manufacture and model details along with commercial terms and conditions, warranty and delivery schedule. The quote should be valid for a minimum of 120 days from the due date. Pictures of the equipment must be included with similar specifications as above with logo or name of the company on them. Authorization certificates from the Principal manufacturer, if any, must be provided. Proprietary certificate for any proprietary or patented item must be provided. Unique features may be highlighted along with their applications and advantages over other available accessories. A user list of at least 3 users of the equipment quoted (who have installed and used them successfully for years) with addresses / e-mail IDs / phone numbers should also be provided.

Financial Quotations should contain the price of the equipment, discount if any, packaging and forwarding charges, Air Freight and insurance charges. The customs duty exemption certificates will be provided by the buyer and inclusive of the standard installation. The vendor should upload the quotations through e-procure site.

No Commitment to Accept Lowest or any Tender:-

- Demonstration of the item or its use will be required, if needed.
- Institute reserves the right to order equipment/accessories with better quality and suitability over lower price and to accept or reject any or all quotations without assigning reasons thereof.
- University of Delhi shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers. University of Delhi will not be obliged to meet and have discussions with any vendor, and or to hear any representations.


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