



CENTRAL INSTITUTE FOR COTTON RESEARCH

POST BAG NO 2, SHANKAR NAGAR POST OFFICE NAGPUR - 440 010

Phone: 957103 - 275549, 38, Fax: 91- 957103 – 275529

[Location; Near Indian Oil Depot, Panjari , Wardha Road, Nagpur - 441 108]



F.No.(76) St/MSP/BOD Incubator/PRVK/2009-10

Date: 26.02.2010

Sub: Quotation for the Purchase of **BOD Incubator** – reg.

Sir,

Sealed quotations are invited by the Director, Central Institute for Cotton Research for the purchase of following **BOD Incubator** on the terms and conditions prescribed below:

SN	Specification	Rate (In Rs.)	Qty.	Amount (In Rs.)
1.	Equipment : BOD Incubator (Details specification is enclosed overleaf)	@ Rs.	ONE	Rs.

Terms & Conditions:

1. The price should be inclusive of all taxes /VAT etc.
2. Sealed quotation along with the literature and pamphlets should reach this office on or before **15.03.2010**.
3. As the equipment/Instrument is urgently needed for our research work, the firms who will be able to make immediate **supply CIF, CICR Regional Station, Lawely Road, Coimbatore - 641 003 should quote.**
4. Envelops may please be superscribed with the word “**Quotation for BOD Incubator**”.
5. Instruments indigenous or imported will be purchased from only those parties, who can ensure and undertake to provide the satisfactory after-sales-service within the country. The supplier should also ensure to offer a complete detailed package on back up support, prompt commissioning, after- sales-service including workshop backup, timely supply of spares, timely repair of equipments, proper training to Scientists/Technicians on use.
6. The quotation should be quoted by solely local authorized stockiest Service distributor against this equipment. Who has necessary service backup facility.
7. Authorized Certificate should be enclosed with the quotation for this equipment.
8. Quotation who are unable to provide this local service facility will not be entertained.
9. The make, quality and specifications may be stated in detail/must be as per details given by this office.
10. The payment will be made only after completing delivery according to the specifications, quality, quantity given in the quotation/purchase order.
11. Other terms and conditions of supply if any may also be stated.
12. Equipment / Instrument will be accepted only after giving satisfactory demonstrations.
13. The director, CICR, reserves the right to accept or reject one or all quotations/without assigning any reason thereof.
14. The quotations, without the above desired information/received after the due date are liable to be rejected.

SPECIFICATIONS FOR B.O.D. INCUBATOR

- Size: 10 cu.ft
- Double walled in construction, made of quality stainless steel and exterior should have a finish of non-corrosive paint
- Walls suitably insulated on all sides including the door frame.
- With the solid double walled door, a full view inner plexi-glass door enables inspection of specimens inside the chamber without disturbing the process temperature.
- Inner chamber and trays are made of stainless steel sheet (SS-304 grade).
- Temperature: PDI control, 5-60°C +/- 1°C
- Uniformity: +_ 1°C
- Operating uniformity at 20°C +_ 1°C
- Double Forced air circulation ensures uniformity of the temperature
- User-oriented design of shelves makes you adjust each space of shelves without difficulty.
- High grade PUF INSULATED between outer and inner chamber for minimal thermal losses.

- Door operated illumination lamp is fitted inside the chamber for easy visibility.
- Evaporator: finned tube
- Humidity: ambient to 95% RH+/- 3%
- Electronics: micro controller based. Microprocessor based digital controller with two separate displays for process and set point
- Alarm: audio visual alarm for temp
- Display: 16*2 line alphanumeric LCD display
- Operating voltage: 220v.50Hz AC=/- 10%
- Refrigeration: CFC free compressor utilizing R 134a eco friendly refrigerant.
- Non-volatile memory allows chamber to return to original set point when power is restored, in the event of power failure.
- Redundant high temperature safety-cuts off heaters above 70°C (or any other temperature).
- Feet: Castor wheels / Adjustable leveling guides.
- Power: 230 volts / 50 HZ
- Supplied with for safety of compressor. Three step automatic voltage stabilizer
- Installation free of cost
- Supply: 220/230 volts AC (50/60 Hz frequency).

Optional Accessories / Extras

- Heavy – duty servo stabilizer.
- Interior illumination with 3 nos. fluorescent tubes (temp. 10° to 50°C) with automatic cyclic timer 0-24 hrs. for regulating illumination conditions.
- Arrangement for incubation of CO₂/Air mixture
- Carbon Dioxide Cylinder (9 ltrs. Capacity)
- Carbon Dioxide Cylinder. (10 ltrs. Capacity)
- Humidity generation and control system to control humidity (5% above ambient) from 55% to 95%RH through a Digital Humidity Controller.

Administrative Officer