

CENTRAL INSTITUTE FOR COTTON RESEARCH

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{Location: Near Indian Oil Depot, Panjari, Wardha Road, Nagpur – 441 108}

F. No.(53)St/NFBSFARA/Deep Freezer/GB/2011-12

Date: 24.12.2011

Sub: Quotation for the Purchase of **Deep Freezer (Minus 80°C)** – reg.

Sir,

Sealed quotations are invited by the Director, Central Institute for Cotton Research for the purchase of following **Deep Freezer (Minus 80°C) (365 L)** on the terms and conditions prescribed below:

SN	Specification	Rate (In Rs.)	Qty.	Amount (In Rs.)
1.	Deep Freezer (Minus 80°C) (365 L) (The detailed specification is enclosed)	@ Rs.	ONE	Rs.

Terms & Conditions:

1. The price should be inclusive of all taxes / VAT etc.
2. **EMD amount 3% of the quoted / estimated value** of the above item/system should be enclosed with quotation in the form of D.D. in favour of Director, CICR, Nagpur.
3. Sealed quotation along with the literature and pamphlets should reach this office on or before **18.01.2012**.
4. As the equipment/Instrument is urgently needed for our research work, the firms who will be able to make immediate supply F.O.R., Central Institute for Cotton Research, Panjari Farm, Wardha Road, Near Khapri, Nagpur should only quote the desired rates.
5. Envelops may please be super-scribed with the word **“Quotation for Deep Freezer (Minus 80°C)”**.
6. 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.
7. Guarantee/Warranty period offered and after sales service available should be clearly mentioned.
8. The quotation should be quoted by solely local authorized stockiest Service distributor against this equipment, who has necessary service backup facility.
9. Authorized Certificate should be enclosed with the quotation for this equipment.
10. Those who are unable to provide this local service facility will not be entertained.
11. The make, quality, and specifications may be stated in detail/must be as per details given by this office. In case supply is not made within a fixed period the office reserves the right to cancel the supply order.

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12. Other terms and conditions of supply if any may also be stated.
13. Equipment/Instrument will be accepted only after giving satisfactory demonstrations.
14. The Director, CICR, reserves the right to accept or reject one or all quotations without assigning any reason thereof.
15. The quotations, without the desired specification received after the due date are liable to be rejected.

Encl.: (Specification)

Administrative Officer

SPECIFICATIONS FOR -80°C FREEZER (365 L)

1. Temperature: minus 80°C
2. 145 MM Ultra High Density Polyurethane Foamed in place Insulation the chamber and minimum loss of Energy to the Environment.
3. Lock System for Set Temperature and essential Parameter Protection.
4. Interior - High Grade Stainless Steel Inner Chamber
5. Super-efficient hermetically sealed DANFOSS compressors & Cascade Refrigeration System for quick attainment of Ultra-Low Temperatures.
6. Exterior - High Temperature Epoxy Powder Coated Electro Galvanized Steel
7. Microprocessor Based Digital PID Controller
8. Compressor capacity: 1HP x 2
9. Should be built - In 3 Access Ports
10. CFC-Free, Eco Friendly Refrigerant Gases.
11. Automatic Voltage Compensator protects electric ports from damage from any fluctuation of electric supply (BUCK-BOOST System)
12. Low Noise level around 50 dBA
13. Advanced Door Latch for easy opening even in Ultra - Low Temperature
14. Multiple Dual Layered Insulated inner doors for easy accessibility to crucial samples.
15. Door: Triple magnet packing
16. High- efficiency evaporator with complete contact to Inner Stainless Steel Chamber for faster cooling down.
17. LN2 & CO2 backup system in case of power failure.
18. Racks & Boxes of various capacities for Storage.
19. Heavy- Duty Caster Wheels with built in Adjustable Stand for easy movement and stable platform for optimum performance of the machine.
20. Audio and Visual Alarm system for Low Battery Alarm, Condenser Temperature Alarm, Power Failure Alarm, Set Temperature Deviation Alarm.
21. Warranty: 2 years.