

# CENTRAL INSTITUTE FOR COTTON RESEARCH

POST BAG NO 2, SHANKAR NAGAR POST OFFICE NAGPUR - 440 010  
Tel. Phone: 07103-275536, Fax: 07103-275529, EPBAX: 07103 – 275637 / 38 / 39  
{Location: Near Indian Oil Depot, Panjari, Wardha Road, Nagpur – 441 108}

F. No.(50)St/NFBSFARA/Microcentrifuge /GB/2011-12

Date: 24.12.2011

**Sub:** Quotation for the Purchase of **Refrigerated Microcentrifuge (Table Top)** – reg.

Sir,

Sealed quotations are invited by the Director, Central Institute for Cotton Research for the purchase of following **Refrigerated Microcentrifuge (Table Top)** on the terms and conditions prescribed below:

| SN | Specification  | Rate (In Rs.) | Qty. | Amount (In Rs.) |
|----|--|---------------|------|-----------------|
| 1. | <b>Refrigerated Microcentrifuge (Table Top)</b><br><b>(The detailed specification is enclosed)</b> | @ 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 Refrigerated Microcentrifuge (Table Top)”**.
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.

Contd.....2.....

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.
12. The payment will be made only after completing delivery according to the specifications, quality, and quantity given in the quotation/purchase order.
13. Other terms and conditions of supply if any may also be stated.
14. Equipment/Instrument will be accepted only after giving satisfactory demonstrations.
15. The Director, CICR, reserves the right to accept or reject one or all quotations without assigning any reason thereof.
16. The quotations, without the desired specification received after the due date are liable to be rejected.

**Encl.: As Above (Specification)**

**Administrative Officer**

**Specification for REFRIGERATED MICROCENTRIFUGE (Table Top)**

1. Table top refrigerated centrifuge
2. Brushless Induction Drive with spindle drive technology
3. Control should be Microprocessor based especially "Easy control II"
4. Max. Speed must be 20000 rpm, adj. in steps of 10 rpm, 300rpm minimum
5. Max. RCF should be 50377 x g
6. The capacity of tubes required is 24x1.5ml
7. Temperature range from -9 to 40°C programmable in 1°C step
8. 10-pretemp program and it should store data last entered
9. Less noise at max. speed may be <60 dB
10. Running time should be 0-9h 59min, continuous run
11. Acceleration/breaking profiles 9/10
12. Function facilities such as RCF- pre-selection, quick-run
13. Automatic Rotor detection
14. Aerosol-tight certified for biocontainment
15. The centrifuge should have Electronic Imbalance detection system which would allow eye balancing of tubes, sample loss detected during runs with automatic braking and improper rotor installation detection to protect drive.
16. Equipment safety such as dual lid locking (Automatic lid lock and interlock) to engage lid quickly and safely, stainless steel armoured rotor chamber
17. Power consumption must be 2 KW, 230 V, 50Hz.
18. Certified and tested in accordance with EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1
19. Rotor-1 having 24x1.5ml capacity
20. Adapter: 16ml round bottom
21. Warranty for 2 Years