

CENTRAL INSTITUTE FOR COTTON RESEARCH

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

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{Location; Near Indian Oil Depot, Panjari , Wardha Road, Nagpur - 441 108.}

F.No. (72)ST/NTPC/Refrigerated Centrifuge/2009-10/

Dated 22.01.2010

Sub: Quotation for the Purchase of **Refrigerated Centrifuge (Table Top)** - reg.

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

SN	Specification	Rate (in Rs.)	Qty.	Amount (in Rs.)
1.	Refrigerated Centrifuge(Table Top) : (As per enclosed Specification)	@ Rs.	ONE	Rs.

Terms & Conditions :

- The price should be inclusive of all taxes, Vat, duties if any chargeable.
- Sealed quotation along with the literature and pamphlets should reach this office on or before **15.02.2010**.
- Envelope may please be super-scribed with the word **Quotation for “Refrigerated Centrifuge (Table Top)”**. 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 machines, proper training to Scientists/Technicians on use.
- The make, quality and specifications, etc may be mentioned in the quotation in detail/must be as per details given by this office.
- Other terms and conditions of supply if any may also be stated.
- The Director, CICR, reserves the right to accept or reject one or all quotation/s without assigning any reason thereof.
- The quotations, without the above desired information / received after the due date are liable to be rejected.

Specification for REFRIGERATED CENTRIFUGE (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 23000 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	Rotor-2 having 8x50ml capacity
21	Adapter: 16ml round bottom
22	Warranty for 2 Years

Administrative Officer