



## केन्द्रीय रेशम जननद्रव्य संसाधन केन्द्र

राष्ट्रीय सक्रिय जननद्रव्य स्थल (एन.बी.पी.जी.आर., नई दिल्ली एवं एन.बी.ए.आई.आर., बेंगलूर द्वारा मान्यता प्राप्त)

आईएसओ 9001 : 2008 द्वारा मान्यता प्राप्त केन्द्र

केन्द्रीय रेशम बोर्ड, वस्त्र मंत्रालय, भारत सरकार

### CENTRAL SERICULTURAL GERmplasm RESOURCES CENTRE

National Active Germplasm Site (Recognised by NBPGR, New Delhi & NBAIR Bengaluru)

An ISO 9001:2008 Certified Centre

Central Silk Board, Ministry of Textiles, Govt. of India

No. CSB/GRC/SE/2014/Stores/ 64-70

Date: 08.04.2016

Sir,

Sub:- Inviting competitive rate quotations invited for supply of  
1 No. Table Top Refrigerated Ultra Centrifuge to CSGRC,  
CSB, Hosur - reg.

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This Centre is interested in purchase of 1 No. Table Top Refrigerated Ultra Centrifuge as per the detailed specification enclosed. You are requested to quote your rate duly indicating the discount to be allowed on quoted value and tax/transportation charges if any. You may also enclose Catalogue, users list and performance report from the users, Warranty, Authorization and validity certificate from the manufacturer.

Two separate quotations i.e.1) Financial Bid & 2) Technical Bid should be sent to the undersigned in a sealed envelope superscribing as "QUOTATION FOR SUPPLY OF TABLE TOP REFRIGERATED ULTRA CENTRIFUGE" so as to reach this office on or before 02.05.2016 at 3.30 p.m. The quotations received after the due date and time of receipt will be rejected. All bids must be accompanied by EMD (to be sent along with Financial Bid cover only & only DD No. and date should be indicated in Technical Bid).

The last date and time for submission of bid is 02.05.2016 at 3.00 P.M. Only technical bids will be opened on 02.05.2016 at 3.30 p.m. and financial bid will be opened after 3 days at 3.30 p.m.

The Terms and Conditions are as under:-

(1) **EMD:** 2% on the quoted rate in the form of Demand Draft favouring "The Director, Central Sericultural Germplasm Resources Centre", payable at Hosur. EMD will be refunded only after finalization of the bids without interest.

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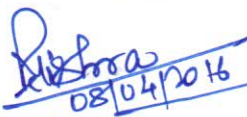
पी. बी. नं. - 44, थली रोड, होसूर - 635 109, कृष्णगिरि जिला, तमिल नाडु, भारत।  
P.B. No. 44, Thally Road, Hosur-635 109, Krishnagiri District, Tamil Nadu, India  
दूरभाष / Phone : (91) 04344-221148, 222013, 222043 फैक्स / Fax : (91) 4344-220520  
ई-मेल / e-mail : csgrchosur@gmail.com, csgrchos.csb@nic.in वेबसाइट / website : www.csgrc.res.in

" आप हम से हिन्दी में पत्र-व्यवहार कर सकते हैं "



- 2) **Validity** : Rate quoted should be valid for 90 days.
- 3) Delivery & Installation : Within 15 days from the date of receipt of the Purchase order at CSGRC, Hosur.
- 4) Payment schedule : By Demand Draft or cheque after satisfactory installation & working of the equipment in good condition and as per specification.
- 5) Taxes/VAT/Other statutory duties should be indicated separately. **Please note that no form "C" or "D" will be issued by this Centre.**
- 6) Liquidated damages for delay 0.5% will be deducted from the bill per week for not undertaking the ordered installation work, within the stipulated time.
- 7) Submission of income tax clearance as issued by Income Tax Department & sales Tax clearance certificate as issued by State / Central Sales tax Department.

Yours faithfully,

  
08/04/2016  
DIRECTOR

Encl: Specification



## Technical Specifications of TableTop Refrigerated Ultra Centrifuge

### General Features:

1. Microprocessor with LCD display
2. Motor driven lid lock
3. Automatic rotor identification system with over speed protection
4. Active imbalance-identification
5. CFC free refrigeration system
6. A large variety of rotors and accessories
7. Manufactured according to international safety regulations
8. Audible signal at the end of each run
9. Quick and easy rotor exchange
10. Rotor and adapters should be autoclavable

### Specific Technical Features:

1. Speed, rcf and radius correction values can be entered by the user
2. Values can be changed during centrifugation
3. Temperature range from -9 to +40°C
4. Speed should be 5000 rpm or 4,500 x g for swing bucket rotor and 20,130 x g / 6 x 85ml rotor with 11,000 rpm or 15,500 x g
5. Speed to be set from 200 rpm to maximum speed in increments of 10 rpm
6. Selectable programme memory for upto 35 individual user programmes
7. Short-spin key with selectable rotational speed
8. Fast-temp function for rapid cooling of the centrifuge chamber
9. "at set rpm" for more reproducible results
10. Should have separate convention tray to remove the water droplet on chamber
11. Standby refrigeration with eco shut off after 8hrs of stand by cooling
12. 10 acceleration and 10 braking ramps for sensitive sample material
13. Rotor should be quoted along with centrifuge as follows:  
4 X 100ml swing out rotor with 15/50ml falcon adapter, 6 x 85ml fixed angle rotor with 1.5/2ml, 5ml, 15ml tube adaptors
14. Rotor and adapters should be autoclavable
15. Suitable stabilizer to be supplied free of cost

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