

**CENTRE FOR RURAL DEVELOPMENT AND TECHNOLOGY
INDIAN INSTITUTE OF TECHNOLOGY-DELHI
HAUZ KHAS, NEW DELHI-110 016**

Dated: 12.02.13

Notice Inviting Quotations

Sealed quotations in separate envelopes of technical and commercial bid kept in one sealed outer envelope, are invited for **high volume refrigerated centrifuge** as per specifications given below. Your sealed quotation should reach **within 15 days** from the date of advertisement to, **Dr. Anushree Malik, Centre for Rural Development and Technology, Indian Institute of Technology, Delhi (IIT Delhi), Hauz Khas, New Delhi-110016**. Your quotation must be super-scribed "**Quotation for high volume refrigerated centrifuge**".

TECHNICAL SPECIFICATION FOR HIGH VOLUME REFRIGERATED CENTRIFUGE

A. Heavy duty, high volume refrigerated centrifuge

- The centrifuge should have digital temperature indicator cum controller.
- The system should have digital speed indicator with 0-99 minutes digital countdown timer.
- The system should have stepless speed regular with zero start switch.
- The system should have dynamic brake along with provision for imbalance detector with cutoff.
- The system should comprise multifunctional input/output features and software functionalities configurable.
- The centrifuge should have safety lid interlock.
- The system to have key operated mains switch.
- External dimension (at max) :915 x 1150 x 1100 mm
- The unit should have a maximum RCF above 4500.
- The maximum volume to be processed by the system at a time should not be less than 5.5 L
- The lowest operating temperature of system should not be more than zero degree Celsius.
- The connected load of the entire system should not be more than 3.5 KVA
- The instrument should have internal stainless steel finish.
- The unit should be CE certified to comply for international safety measures.(certificate to be provided)
- The company should be ISO 9001: 2008 & GMP certified. (certificate to be provided)

B. Rotors for the heavy duty centrifuge

B1. 6 place wind shield swing out rotor with a set of 6 metal carriers each with a capacity of 1000 ml. Suitable for 1000 ml polypropylene bottles. (6 X 1000ml) with maximum RCF atleast 4500

B2. Angle rotor 8 X 250 ml with polypropylene tubes with maximum RCF atleast 3700

OPTIONAL

C. Voltage stabilizer for the heavy duty centrifuge

Terms & Conditions:

1. The quotations must have validity of at least four months.
2. Sealed quotations should be in separate envelopes of technical and commercial bid kept in one sealed outer envelope.
3. Quotation must include insurance and air-freight charges, delivery period of the items addresses to The Indian Institute of Technology, Delhi, India (FOB, New Delhi).
4. The products will be used for educational purposes. Any applicable academic institution discounts should be offered and stated.
5. Detailed Brochures **MUST** accompany the offer.
6. If the bidder is an authorized dealer then the authorized Indian dealership certificate from the principles should be enclosed.
7. Two year comprehensive warranty.
8. Payment will as per IIT Delhi's norms and conditions.
9. In case the items are proprietary products of the company, a proprietary item certificate stating the same must be provided.
10. Institute reserves the right to accept or reject any or all the quotations without assigning reasons thereof.
11. Details of User List with addresses, phone number and email ID **MUST** be provided.
12. Technical demonstration of centrifuge is necessary before finalization.
13. A single vendor has to quote for all the items including the optional item.
14. **The quotation should contain pricing as per each item described in the specifications (items A, B1 & B2). *The total cost will be decided by adding the amount of each item specified in the quotation.***