



THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

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Enquiry No. TIET/CS/AA/CED/18340

Dated : October 03 -2018

Sub: Request for Quotation(s) for supply of Refrigerated Centrifuge

Dear Sir

We shall be grateful if you kindly let us have your lowest quotations for the following materials/equipment. THE QUOTATIONS SHOULD REACH THE UNDERSIGNED LATEST BY 16 October 2018 through courier or e-mail (quotation sent by mail from distant locations needs also to be validated through courier/ regd post as hard copy) accompanied by appropriate illustrative literature/catalogues/pamphlets/technical details and specifications as the case may be.

On the quotation envelope/ subject the Enquiry Number & Date should be mentioned on the top of the Envelope/mail subject, quotation received after due date will not be considered and it must split and submitted in technical bid and commercial bid separately with technical bid to have list of references for same equipment/material supplied.

Sr. No.	Item Name	Qty.
1.	Refrigerated Centrifuge Specifications as per attached sheet	01set

The offer sent by you must furnish the following mandatory details / enclosures in price bid:

1. Name, Make & specifications of each item.
2. Cost of the item with MRP.
3. Educational discount if any.
4. Validity of quotation should be at least 60 Days.
5. GST extra.
6. Delivery FOR Thapar Institute of Engineering & Technology, Patiala/ CIP Delhi for import products kindly mention HSS code of each product and attach copy of BOE of item last cleared in support
7. Insurance, Freight & other charges if any.
8. Minimum Delivery Period.
9. Payment terms. Net 60 days against delivery or satisfactory installation at Thapar Institute whichever applicable
10. Guarantee / Warranty Information.

Regards,

Sd/-

Head Commercial

Specification for Refrigerated Table Top Centrifuge

1. Type: Table top centrifuge for high volume applications
2. Temp. range: -5 deg C to + 40 deg C or better
3. Fast cool option and stand by cooling
4. Max speed : 14,000 rpm or more, max RCF: 20,000xg or more
5. Programmable time, temperature and speed with digital display
6. Built in Condensation drain.
7. Ten or more different acceleration and deceleration rates
8. Program memory: 10 or more
9. Built-in rotor identification system
10. Rotor imbalance indicator
11. Buckets, lids and adaptors should be autoclavable.
12. Ability to spin 1.5, 2ml, 15ml, 30ml, 50ml, 500ml bottle, Cryotubes (vials and flow cytometry tubes), Micro Titre Plates (MTP), PCR, Deep Well Plates and Cell Culture Plates, Combi slide adaptor.
13. having provision of Fixed angle rotor for 6 or more 15ml, 30ml and 50 ml falcon tubes and U-shaped tubes ref 18,000xg or more.
14. Ability to spin Horizontal centrifugation at ref 16000g or more.
15. Comprehensive warranty for at least three years and two years free services.

Rotors and adaptors to be supplied along with centrifuge

1. Swing bucket rotor, 4000rpm and ref 2900xg or more; with following adapters:
 - a. 4x500 ml bottles
 - b. 16 or more 50 ml tubes/falcons and U Shaped tubes
 - c. 36 or more 15ml tubes/falcons and U shaped tubes
2. Fixed angle rotor for 6 or more 15ml, 30ml and 50 ml falcon tubes and U-shaped tubes ref 18,000xg or more.
3. fixed angle rotor 24x1.5/2.0ml or more; adapters for 0.5ml PCR tubes and adapter for 0.2ml tubes; ref 20,000xg or more

General Conditions

- The supplier must supply following along with quotation
 - Compliance statement in tabular form giving details as per specifications given in the tender document
 - Details of AMC charges after warranty period
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