

**Centre for Polymer Science and Engineering  
Indian Institute of Technology  
Hauz Khas, New Delhi-110 016  
NOTICE INVITING QUOTATIONS**

Dated: 29/12/2015

Tender No.

Subject : **Purchase of Incubated Shaker System**

**Invitation for Tender Offers**

Indian Institute of Technology Delhi invites sealed tender offers in two bid format (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for supply, installation & integration of **Incubated Shaker System** with 3 years on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document.

**The quotation should reach to Dr. Sampa Saha, Centre for Polymer Science and Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016, India latest by 6:00 P.M. on 12/1/2016.**

**Technical Specifications:**

1. System should be capable of operating in the temperature range of 0°C to 60°C (Minimum should be 0°C)
2. Fluctuation at 37°C in flask ( $\pm$ °C) should be  $\leq$  0.25 °C
3. Increment should be 0.1 °C or lower
4. Shaking System: Motion Type Orbital (preferable)
5. Speed Range should vary from 30 rpm to 300 rpm (Accuracy :  $\pm$ 1rpm; Increment: 1 rpm)
6. Control : Microprocessor digital PID
7. Timer range : continuous or up to 47h 59 min (Accuracy:  $\pm$  1%)
8. Door safety: Auto- stop when Door is open

9. Motor: Plate type brushless DC motor is preferable
10. Operating Panel: Touch Bottom
11. Cooling: 1/4 HP or better
12. Platform size (mm) ≤ 450(W)x450(D)
13. Dimensions (mm) ≤ 600(W)x660(D)x995(H)
14. Power: 110/220V, 50/60 Hz, 1.5kW
15. Weight in Kg ≤ 110

**Terms & Conditions:**

1. Please quote F.O.B. and CIF New Delhi prices separately.
2. Technical bid should contain compliance chart based on specifications as per NIQ, but must not contain any commercial information
3. The quotations should be in the currency of the country of origin and should be valid for at least **four months**.
4. Please attach all the **technical literature** and a **list of similar installations** done in India within the last 3 years. A minimum of **five successful installments with the same specifications** in India is a **prerequisite**. **Details of end users** should be provided.
5. The warranty on the equipment should be at least for 3 years and clearly specified.
6. If the quote is being submitted by the representative of the Principals/manufacturer themselves, a valid Agency ship/Dealership Certificate authorizing the agent to quote to IIT Delhi on behalf of the Principals should be enclosed.
7. Complete set of manuals for the operation of equipment should be given.
8. The institute reserves the right to accept or reject any / all the quotations without assigning any reasons thereof.
9. **Free Installation & training** should be provided.
10. The OEM or the dealer should provide spare parts for the equipment for a period of **4 years** after expiry of warranty.
11. For imported items Payment will be made through irrevocable Letter of Credit (LC) as per terms and conditions of IIT Delhi.

12. For Indigenous supplies, 100% payment shall be made by the Purchaser against delivery, inspection, successful installation, commissioning and acceptance of the equipment at IIT Delhi in good condition.