

Indian Institute Of Technology, Kanpur
Department of Mechanical Engineering

Enquiry letter for "Supplying Hot Air Chamber Dryer Oven

Enquiry No. SB/ME/2017-2018/01

Date: 26/04/2017

Sealed Quotations from prospective vendor are invited by Department of Mechanical Engineering, IIT Kanpur for Spin Coater Unit. The details of requirement are mentioned below.

SI No.	Description	Quantity
1	<p>Laboratory Hot air chamber Dryer oven :Triple Walled construction, Precision Microprocessor based controlled, with perfect air circulation system through 2 Nos of balanced powerful motorized blowers fitted in air duct system to maintain uniform temperature throughout inner chamber. The frame structure is made of heavy duty angle Iron Frame work duly covered with Thich 1.5mm M.S. Sheet duly powder coated. Temperature controlled and programmed by Microprocessor based dual digital display, auto tuned automatic PID Profile Temperature controller from 50°C to 250°C . The Programmer is having 2 programs, each having 8 steps to control the ramp and soak action. The Programmer is equipped with RTD pt100 sensor with SSR Power supply Unit to control the temperature with control sensitivity of +3°C. The specially designed Stainless steel air Heaters are placed in the duct for uniform temperature and maximum control accuracy. Working chamber made of highly polished Stainless steel S.S.304 grade of 1.5mm thick and outside made of mild steel duly Powder coated. . Graded layers of efficient Insulation are provided between the wall to prevent the thermal losses. The front opening Two Doors are provided which are also of double walled insulated type with inner of S.S. outer Mild steel duly painted. The doors are fitted with heavy hinges, gasket, lock and handle. Supplied with 5 nos. of S.S. rod mesh shelves, are strong enough to take the load of around 40 Kg. Complete with Heavy Duty Trolley made of Stainless steel Angle & Pipe on which 5 trays will be fixed on which your material will be loaded. The Dryer shall also be fitted with heavy duly slope arrangement for easy loading and unloading of Trolley. Control panel consists of mains MCB switch, Indicator Lights, PID Controller, SSR, suitable for 440V Volts, 3 Phase. A.C. Complete with mains connecting cord and plug top. Rating 12.0 KW. The Dryer is mounted on heavy duty Castor wheels for easy mobility. Inner chamber size 2000 mm x 1000 mm x 1000 mm (LXHXD).</p>	01

Terms & conditions:

1. All Quotation must reach undersigned by 04th May 2017, at 2:00PM.
2. Supplier/ Vendors should submit technical and financial bid together in separately sealed envelopes.
3. Only manufacturer/ Authorized Suppliers may quote.
4. Quotation should carry proper.
5. Evaluation will be on the basis of technical specification format provided as per our tender notice.
6. Financial bid will be open only for those, who meet T&C and tender technical specification.
7. Please do mention tender number clearly on envelope.
8. Please send the name and contact details of the person to whom company had supplied similar systems. Committee may ask for the feedback
9. The format for specification is same provided in tender sheet for supplier/vendors for submitting technical specification in their own letter heads.
10. The supplier must have supplied systems to institution of national and/or international repute.
11. Normal payment terms for the institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection)
12. Warranty/Guarantee should be clearly mentioned. The warranty must start from the date of installation at IITK.
13. Quotation should carry proper authorization certificate from manufacturer.
14. Validity of Quotation should be at least for 60 days.
15. Maximum educational discounts should be applied.
16. The delivery period should be specifically stated. Earlier may be preferred.
17. The indenter reserves the right to with hold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above condition without assigning any reason is reserved.

Kindly send the quotation in sealed envelope latest by dated 04/05/2017 to the following address:

To,

Dr. Shantanu Bhattacharya

Northern Lab

Professor, Department of Mechanical Engineering

Indian Institute of Technology, Kanpur- 208016 (UP)

Phone: +91-512-2596056(Office)

Fax: +91-512-2597408

Email: bhattacs@iitk.ac.in