

Enquiry No: ME /KKK/01/2016-17

Dated: 03 October, 2016

Quotation (Technical and tentative commercial:Optional) must reach to us till 10.10.2016 before 5.00PM and should be sent to Prof. Kamal K. Kar, Department of Mechanical Engineering, Room # ACMS 203D, IIT-Kanpur, 208016 against the enquiry letter numbered ME /KKK/01/2016-17 Dated: October 03, 2016.

Dear Sir/Madam:

Quotations (Only Technical and tentative commercial:Optional) are invited for purchase of “**High temperature tube furnace-2000 degree C (controlled environment)**” having following specifications:

**Specifications: 1(one) unit TUBE FURNACE for Controlled Atmosphere having Detailed General Features:**

- Tube Diameter : 75 i/d x 85 o/d x 1000 long(mm)
- Furnace Chamber Size : 160 W x 150 H x 300 L (mm)
- Temp. Uniformity : within  $\pm 5^{\circ}\text{C}$  for central 150 mm
- Operating Temp. Limits : 2000 $^{\circ}\text{C}$ 
  - Limits (max.) 1800 $^{\circ}\text{C}$  for continuous run
- Heating Elements : KANTHAL SUPER 1800
  - Heat-Up Rate Limit : 6 $^{\circ}\text{C}$ /minute max.
- Power Supply/Rating : 230V 1-Ph AC 50Hz / 4 KW
- Power Control : Thyristor System & Transformer
- TEMPERATURE INDICATION / CONTROL, etc. by :  
‘EUROTHERM’ make Microprocessor-based Digital PID  
Temperature Programmer/Controller, Type 2404P4 with 4 recipes, each of 16 Ramp/Dwell segments, and 0-5V output for the Thyristor System

**Conditions (should be strictly followed):**

1. Prices should be FOB (your international airport), CIP New Delhi, and IIT-Kanpur including Packing and Forwarding, Insurance and freight.
2. Validity of quotation should be at least for 90 days.
3. Maximum educational discount
4. Any other charges, if applicable.
5. User list of this valve (please give complete address, including cell number, email address)
6. Proprietary certificate, if any
7. Authorization letter from your principal
8. Agency commission, if any
9. Printed technical literatures as per your specifications (Xerox copy will not be accepted)
10. Any website for this product

Softcopy is also allowed (kamalkk@iitk.ac.in).

Kindly mention ME /KKK/01/2016-17 Dated: October 03, 2016 on envelope carrying quotation and printed literature and send your offer (Technical tentative commercial:Optional) so as to reach us on or before October 10, 2016 to the following address-

Prof. Kamal K. Kar,  
Department of Mechanical Engineering

Room # 203 ACMS  
IIT Kanpur - 208016 India

Email: [kamalkk@iitk.ac.in](mailto:kamalkk@iitk.ac.in)