Quotations are invited in sealed covers for the following equipment:

**High temperature muffle furnace for research and development work.**

Quotations are to be submitted to Prof. D. Ravi Kumar, Dept. of Mechanical Engineering IIT Delhi (Block-II, 357), IIT Delhi, Hauz Khas, New Delhi 110016 in sealed covers latest by 19th August, 2011.

The detailed requirements /specifications are given below.

**HIGH TEMPERATURE MUFFLE FURNACE**

- **Working area (Approx.)**: 150mm (Height) x 150mm (width) x 300mm (Depth)
- **Working temperature**: 1600 deg. C
- **Temperature control**: PID TYPE Digital automatic controller.
- **Insulation**: Vacuum formed ceramic fibre boards (preferable).
- **Casing**: Good quality furnace casing preferably with powder coating.
- **Door**: Hinged type door should be provided in the front and should be duly insulated. Proper sealing should be provided between door and the chamber to avoid heat leakage. Arrangements should be provided to pass gas through door.
- **Control panel**: An aesthetically designed control panel should house all control instruments. It should have the provision to set the heating cycle (temperature and time) as per the requirement. Proper digital display of temperature and time should be provided.
Additionally, please note the following:

1. The commercial and technical bids should be separately submitted by clearly mentioning on the envelope. All the technical specifications should be given.
2. The cost of furnace and other items if any should be separately mentioned along with details of taxes. Warranty period (1 year/2 years/3 years) should also be mentioned.
3. Details of all accessories if any and make/model should be clearly mentioned.
4. Payment will be made on installation and verification.
5. In case of imported items, the payment will be made through an irrevocable letter of credit.
6. Complete set of manuals for the operation and servicing of equipment should be given.
7. The validity of the quotation must be at least 3 months.
8. Prices should be quoted CIF IIT Delhi.
9. The delivery period must be not exceed 4 weeks from the date of supply order.
10. If the bidder is Indian agent, the agency certificate should be enclosed.
11. The compliance certificate should be provided.
12. The institute reserves the right to accept or reject any quotation without assigning any reasons.
13. Other terms and conditions, if any, must be clearly mentioned.

For further clarification, kindly contact Prof. D Ravi Kumar (+91 9968475190) ; e-mail dravi@mech.iitd.ac.in.