

Department of Physics
Indian Institute of technology Delhi
Hauz Khas, New Delhi-110016

Date: 25/03/2015

Due date: 10/04/2015

Ref. No. IITD/PHYS/BRM/RTP/25/03/2015

Sealed quotations are invited for Rapid thermal processing (RTP) furnace with the following specifications:

1. **Net weight:** < 45-70 kg
2. **Heating element:** Halogen light tube/bulb
3. **Heating zone:** 10-15" length with 3-6" constant temperature zone
4. **Accuracy:** $\pm 1^{\circ}\text{C}$
5. **Maximum Temperature:** 1100° C
6. **Quartz tube:** 4.0" O.D x 4.0" I.D x 15.0" Length (approximate dimensions)
7. **Temperature Controller**
8. **Max heating rate:** Better than 50°C/s
9. **Cooling rate:** Better than 60°C/min (Under vacuum: 200 mtorr),
>100°C/min(Under atmosphere pressure)
10. **Warranty:** One year
11. **With fittings/flanges compatible for vacuum 10^{-3} Torr to 10^{-4} Torr**

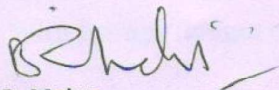
Optional:

AlN or other high thermal conductivity wafer for sample support.

TERMS and CONDITIONS:

1. The quotation, in sealed envelope marked as "Ref: IITD/PHYS/BRM/RTP/25/03/2015" should reach the undersigned on or before 10.04.2015. Separate quotations should be submitted for technical bid and commercial bid in two separate and clearly marked envelopes. The prices quoted must be inclusive of taxes, etc.
2. Quotations will be considered valid for 3 months from the date of receipt unless otherwise stated.
3. Institute reserves the right to accept/reject all/any quotation without assigning any reason thereof.
4. The delivery period should be clearly indicated in the quotation.
5. Incomplete and conditional submitted tenders would be summarily rejected.
6. The mode of payment should be clearly indicated.
7. Necessary certificate should be enclosed by the vendor in case of proprietary nature of the quoted items.
8. In case the quotation is being submitted by authorized agent of the principal manufacturing company, the AUTHORISED SALES AGENCYSHIP certificate from the PRINCIPALS should be furnished along with the quotation. Quotations without this authorization certificate will be rejected.
9. A compliance sheet should be attached with the quotations stating clearly the compliance with the specifications mentioned in the NIQ.

Note: IIT, Delhi is an academic institute of national repute and the above items will be used for academic and research purposes. Any special discount, if offered to academic institutes may also be mentioned in the offer.



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