

THE QUOTATION MUST BE SENT IN A SEALED COVER SUPERSCRIBED
WITH OUR REFERENCE NO. & DUE DATE

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INDIAN INSTITUTE OF TECHNOLOGY DELHI
DEPARTMENT OF PHYSICS, HAUZ KHAS, NEW DELHI-110016 (INDIA)

DATE: 11.07.2013

DUE DATE: 26.07.2013

NOTICE INVITING QUOTATION

Ref: NIQ/PHY/2013-14/TMP

It is intended to procure a turbo molecular pump with controller and accessories.

The specifications of the turbo molecular pump are as follows:

1. Pumping speed ~ 250 l/s
2. Rotational speed = 60 krpm with driving frequency = 1010 Hz
3. Base pressure < 1×10^{-10} mbar
4. Gas throughput (at full speed) > 100 sccm (say 110 sccm for Ar)
5. Compression ratio > 10^{11}
6. Foreline tolerance = 1 mbar
7. Start-up time < 3 minutes
8. Noise Pressure level < 50 dB (A) at 1 meter
9. Operating temperature +5 °C to +35 °C
10. TMP should operate in any position.
11. It should use permanent lubrication.

Terms and conditions:

1. The quotation, in sealed envelope (separate Financial bid/Technical bid) marked as "Ref: **IITD/PHY/2013-14/TMP**" should reach the undersigned on or before 26-07-2013.
2. The prices quoted must include **CIF New Delhi Airport** charges.
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. Submitted quotations should clearly mention the validity period, preferably for a minimum of **3 months**.
6. Incomplete and conditional submitted tenders would be summarily rejected.
7. The mode of payment should be clearly indicated.
8. Necessary certificate should be enclosed by the vendor in case of proprietary nature of the quoted items.
9. 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.
10. The quotation should include comprehensive **warranty for at least 1 year**.

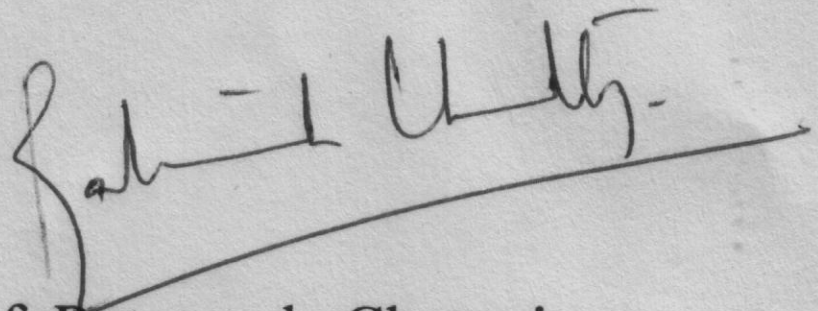
11. Special discount/rebate wherever admissible keeping in view that items are being procured for educational purpose in respect of Public Institution Of national importance may please be indicated.
12. Vendors should attach the relevant brochure/leaflet for the models/options quoted.

The sealed quotations must be submitted to:

**Prof. Ratnamala Chatterjee
Room No. MS-501(A)
Department of Physics
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016
INDIA**

**Last date for submitting
The quotation:
26/07/13**

The purchase finalization committee under the chairmanship of Prof. Ratnamala Chatterjee had a meeting to finalize the specifications of the above mentioned items and NIQ.



**Prof. Ratnamala Chatterjee
Physics Department, IIT Delhi
Hauz Khas, New Delhi-110016
INDIA**