

NOTICE INVITING QUOTATION

NIQ Ref: IITD/CES/TMP

DUE DATE: 04-12-2012

Sealed quotations along with complete details (brochures/web-site details) are invited for procuring the **Turbomolecular pump with Rotary Pump and Pressure Gauges** as per following desired specifications.

S.No.	Specifications of the Turbomolecular Pump with Rotary Pump and Pressure Gauges	Qty.
1.	Pump Specifications: <ul style="list-style-type: none"> • Inlet flange: DN 100 ISO K • Exhaust flange: DN 16 ISO-KF • Pumping speed (N₂) ≥ 250 liter/sec • Compression ratio (N₂) : > 5 × 10¹⁰ • N₂ Gas Throughput at full speed ≥ 12 mbar- liter/sec • Ultimate vacuum < 1 × 10⁻⁷ mbar • Cooling : Air type • Venting and sealing gas valve appropriate to above pump • Splinter shield • Centering rings, KF clamps, Viton O-rings, SS Hose, Clamps/Bolts for vertical mounting with the Gate Valve 	1
2.	Appropriate Rotary Pump with oil mist filter for the TMP quoted with the pumping speed ≥ 10 m ³ /h	1 -2
3.	Separate Pressure Gauges for monitoring vacuum from 1000 torr - 10 ⁻⁷ Torr : Cold Cathode Pressure Gauges, DN 25 ISO-KF Pirani Gauges, DN 25 ISO-KF, Appropriate controller/display unit Connecting Sensor Cable :controller to Penning-gauge/sensor head) Connecting Sensor Cable :controller to Cold cathode-gauge/sensor head)	1 -3 1- 3 1- 3 1-2 1-2 1-2
	1. Vendor is requested to provide with the technical bid a list of firms/institutes (with necessary contact details) where they have supplied such a TMP in past. 2. The vendor must attach with the technical bid a latest sole selling and servicing agency-ship certificate from OEM.	

TERMS & CONDITIONS COVERING SUBMISSION OF QUOTATIONS

The quotations, in sealed envelope marked as "IITD/CES/TMP" and should reach before 5 pm on 04-12-2012.

1. The prices quoted must include **CIF New Delhi Airport** charges.
2. **Technical and financial bids should be enclosed in separate sealed envelopes and clearly marked, otherwise it will be rejected.**
3. Institute reserves the right to accept/ reject all/ any quotation without assigning any reason thereof.
4. List of users in India could be provided.
5. The delivery period should be clearly indicated in the quotation.
6. Submitted quotations should clearly mention the validity period, preferably for a minimum of **3 months**.
7. Incomplete and conditional submitted tenders would be summarily rejected.
8. The mode of payment should be clearly indicated. The preferred mode of payment is through irrevocable LC.
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, and either on-site service or with in India is desirable**.
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. Without the relevant brochure/leaflet the tender will be rejected.

(Dr. Vamsi K. Komarala)
Block V, Room No. 350 B
Centre for Energy Studies
IIT DELHI, NEW DELHI-110016, INDIA
E-mail: vamsi@ces.iitd.ac.in
Phone: +91-11-2659-1255