

Indian Institute of Technology, Delhi
Centre for Energy Studies

Nov. 26, 2012

NOTICE INVITING QUOTATION

Please submit separate technical and commercial bids in sealed envelopes for a **Molecular Drag Pump**. Your sealed quotations addressed to Dr. Ramesh Narayanan, Centre for Energy Studies, Indian Institute of Technology, Delhi, Hauz-Khas, New Delhi-110016 should reach latest by Monday, December 17, 2012, 5:00 pm.

The minimum technical specifications desired for the pump is as follows.

Molecular Drag Pump: Quantity: One

Pumping speed for $N_2 \sim 7 - 8$ l/s, Compression ratio for $N_2 > 1 \cdot 10^9$, Ultimate pressure $< 1 \cdot 10^{-6}$ mbar, Maximum continuous N_2 inlet pressure ~ 10 mbar, max. exhaust pressure: 40 mbar, Inlet flange: DN 63 ISO-K with inlet screen, Exhaust flange: preferably DN 25 ISO-KF, Cooling: air and water, Magnetic field tolerance: at least 40 – 45 Gauss, low vibration, high reliability and maintenance free operation.

Controller for above pump (input 230V, 50Hz) with 3 m long cables from controller to pump and power cable with appropriate centre rings, o rings and clamps.

TERMS AND CONDITIONS:

- Kindly give your quote preferably on FOB basis.
- Quotation should be valid for at least 3 months from the date of issue
- Applicable taxes should be explicitly mentioned.
- **Comprehensive warranty** for three years or more shall be given preference.
- Specify other terms & conditions such as payments, delivery etc.
- Institute reserves the right to reject any quotations without assigning any reason thereof.