

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
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Department of Physics

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30/08/2013

Enquiry no.: PHY/MSC LAB/2013-14/EQP/8

Enquiry date: 30.08.2013

Closing date: 12.09.2013

Sealed quotations should reach the undersigned latest by 4.00 pm on **12th September, 2013** for the following item:

S.N	Item	Qty	Remarks
1	Rotary Pump with thermocouple gauge and thermocouple vacuum meter	03	Details given below

Detailed specification:

- Solenoid operated anti-suck back valve.
 - Provides uniform pumping speed.
 - Gas ballast facility has been provided.
 - Suitably dimensioned inlet and outlet ducts.
 - Inlet port is adapted for ISO type quick clamp fittings.
 - Vanes are spring loaded and chemically resistant.
 - Aluminum alloy, light weight oil tank with fins.
 - Heat treated Rotor and shaft .
- Pump is supplied with a sturdy steel base and anti-vibration mountings

No. of Stages	2
Nominal Pump Displacement Lts / min (m^3 / h)	200 approx.
Pump Rotational Speed (RPM)	1440
Ultimate Vacuum (mm Hg A)	0.005
Motor: HP(1440 rpm, 50 hz)	0.50
Temp. rise over ambient degree centigrade	30-35

Terms and conditions:

- Quotations should have a validity of a minimum of 60 days.
- All the equipment should be provided with a replacement warranty of 1 year against manufacturing defects.
- All the parts should be replaced free of cost in case of any damage in transit / deviation from specifications.
- Maximum possible educational discount should be specified on the quotation since all are for teaching purposes.

- Quantity of items may vary (increase/decrease) in order
- Quotations are required in a sealed envelope with enquiry number mentioned on the envelope.
- The delivery period should be within 60 days of placing the purchase order.
- The rate offered should be F.O.R Kanpur for firms located outside Kanpur and free delivery at the Institute premises for local firms.
- Institute is exempted from payment of E. Duty under notification no.10/97
- Institute is entitled to avail concession rate of sales tax as admissible under Sub-sec 5 of Sec 8 C.S.T Act 1956 applicable to Educational/Research institution in inter-state purchase.