

Indian Institute of Technology Kanpur
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Enquiry no.: IITK/PHY/AHK/NC-2/2016

Enquiry date: 29/02/2016

Closing date: 14/03/2016

Request for submission of quotation for “Turbo molecular pump + Rotary backing pump”

Dear Sir/Madam,

We are interested in purchase of turbo molecular pump with rotary backing pump. Our organization is an educational institute of repute and liable to get **educational discount** from the manufacturer/supplier. Please specify the discounts separately.

Sealed quotation(s) (in hard copy) are required on or before 14/03/2016 latest by 5 PM, meeting all technical specifications as mentioned below:

**1. Turbo molecular pump(700 ltr/s) with control unit - 1 no.s
and splitter shield.**

Technical specifications:

Pumping speed	-	> 680 (650) ltr/s for Nitrogen (Helium)
Compression ratio	-	> 10^{-11} for Nitrogen
Degree of protection	-	IP 54
Speed control	-	YES
Inlet flange	-	DN 160 CF-F
Outlet flange	-	DN 25 ISO-KF
Pump mounting	-	in all orientations

**2. Double stage rotary vane vacuum pump - 1 no.s
with oil mist filter and oil return unit.**

Technical specification:

Pumping speed	-	$\sim 10 \text{ m}^3/\text{h}$.
Flange connection:	-	DN 25 ISO-KF
Ultimate pressure	-	<0.005 mbar without gas ballast.
Noise level	-	< 60 dB(A)
Motor coupling	-	Magnetic coupling.
Leak rate of the pump -	-	< 1×10^{-5} mbar l/s

Terms and conditions:

- Quotations should have a validity of a minimum of 90 days.
- **Technical and financial bids should be submitted in two separate, sealed, envelopes with enquiry number mentioned on the envelopes.**
- Quotation(s) should be sent to the undersigned in hard copy only.
- Send complete details of the products and accessories along with the quotations
- Terms of payment and delivery period (not more than 8 weeks) should be specifically stated.
- **The rate offered should include all taxes and transportation charges up to IIT Kanpur, India.**
- Institute is exempted for payment of Excise Duty under notification No. 10/97 & partially @ 5.15% Custom Duty exemption certificate under notification 51/96 and road permit will be provided if applicable.
- The Institute reserves the right of accepting and rejecting any quotations without assigning any reason.

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