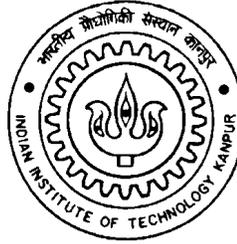


**Dr. S. Sarkar**  
*Professor*

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Date: 09.09.2013

**Enquiry letter for purchase of Laboratory Unit for  
Vapour Compression Refrigeration System**

Enquiry No: ME/SS/2013/005

Sub: Quotation for purchase of Laboratory Unit for Compression Refrigeration System

Sir / Madam,

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover. We would like to purchase Laboratory Unit for Compression Refrigeration System. Specifications are given below:

**Laboratory Unit for Vapour Compression Refrigeration System**

We require a fully instrumented table top unit for demonstrating the principles of compression refrigeration system to students as part of the laboratory course. The unit should be properly instrumented so that pressure/temperature and other relevant parameters of all critical locations can be measured so that subsequent calculations can be done to estimate the power consumption, cooling capacity, coefficient of performance etc. at different operating loads. The data obtained should allow the construction of the complete vapor refrigeration cycle. The unit should be eco-friendly, use allowable CFC free/equivalent refrigerants. Possibility of online monitoring/PCI based data acquisition is desirable. It is also desirable that sections of the refrigeration cycle circuit are transparent for better visualization of the different flow patterns. All available mountings, facilities, add on systems, optional systems and safety features must be clearly specified.

**Terms and condition:-**

- 1. Sealed Quotation with manuals must reach to the undersigned on or before 18.09.2013, 5.00PM**
- 2. Prices should be FOR IIT Kanpur**
- 3. Please give best educational discount**

Sincerely,

(SUBRATASARKAR)