

# Indian Institute of Technology Kanpur

Department of Chemistry  
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Enquiry No: IITK/CHM/YDV/2013-14/34

Last Date: January 15, 2014

*Quotations in sealed envelopes are invited*

For the procurement of **REFRIGERATED & HEATING CIRCULATOR** comprising the following specifications, addressed to


**Dr. Y.D.Vankar**  
Department of Chemistry  
Indian Institute of Technology Kanpur  
Kanpur 208016

Expected Technical Specifications	
Temperature range	-50 to + 200 deg C
Temperature Stability	+/-0.01 deg C
Display resolution	0.1/0.01
Pumping capacity	20 LPM /500 mbar
Suction Pump	300 mbar
Cooling capacity	1000 W at +20 deg C 250 W at -40 deg C
Refrigerant	CFC FREE R 407a
Filling volume	6-8 liters
Power Supply	230 V / 50 Hz

**Cooler should also have the following features:**

- Low & High Temperature Alarm.
- On /Off Timer
- 5 pre set temperature points
- Real Time clock
- Low Liquid protection
- 36 months free service support

Sincerely,

  
(Y. D. Vankar)