

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF CHEMISTRY**

Tender No: IITK/CHM/RR/2013-14/001

Requirement: Freeze Dryer (Lyophilizer) of 2.5-3.5 Liters Capacity along with a Vacuum Pump and other essential Accessories

Quotations are requested from suppliers for the above item. Send your quotations by 21st October 2013 in a sealed envelope to the following address. The tender number should be written on the Envelope.

Address: Dr. Ramesh Ramapanicker
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Indian Institute of Technology Kanpur
Kanpur 208016, INDIA
Ph: 0512 2596684
Email: rameshr@iitk.ac.in

Essential Specifications:

1. Should be suitable for freeze drying peptide samples in aqueous solution
2. Operating temperature should be -40 °C or less
3. The drying chamber should have adapters required to attach 4-5 100 mL round bottom flasks
4. A straight glass flask and its adapter should be provided for freeze drying samples in smaller amounts
5. Refrigerant should be CFC free
6. Temperature sensors and vacuum gauges with digital display
7. Warranty should be at least for 1 year

Required Information:

1. We prefer prices quoted in Indian rupees
2. Prices for any accessories should be given separately
3. Full technical specifications should be mentioned for all the components
4. Detailed brochures and pictures should be provided
5. List of users in IIT Kanpur, if any