

**INDIAN INSTITUTE OF TECHNOLOGY DELHI  
HAUZ KHAS NEW DELHI**

Date: 12/06/2014

**Notice Inviting Quotation**

Quotations are invited for the purchase of “**Ultra low temperature deep freezer**”, for the Department of Textile Technology. Interested suppliers are required to submit their quotations as per the specifications given below. The sealed Quotations are to be submitted in two Separate envelopes;

**A - for Technical Quote (Specifications) &  
B - for Financial Quote  
(For details, see Annexure I)**

Both these envelopes should be further enclosed in an outer envelope, which should also be sealed and addressed to, clearly mentioning on top right corner of the envelope “**Ultra low temperature deep freezer.**”

**Dr. Sourabh Ghosh  
Associate Professor  
Department of Textile Technology  
IIT, Hauz Khas, New Delhi 110016**

The quotations should reach the above office of **by 5.00PM on 26/06/2014**. If needed, the suppliers may be asked to make a technical presentation before the committee.

Institute reserves the right to accept or reject any of the offers without assigning any reasons.

**Specifications of “Ultra low temperature deep freezer”.**

<b>S. No.</b>	<b>Specification</b>	<b>Essential requirement</b>
1.	<b>Temperature Range</b>	<i>-80 °C to -90°C degree Celsius, with 1°C increments.</i>
2.	<b>Cooling performance</b>	<i>-80°C and running ambient temperature should be more than 32 °C</i>
3.	<b>Capacity</b>	<i>500- 550 liters.</i>
4.	<b>Shelves</b>	<i>4-5 independent, adjustable, with inner doors.</i>
5.	<b>Type</b>	<i>Upright. (Vertical) Vacuum panel insulation</i>
6	<b>Alarms</b>	<i><b>Audible and visible alarms for:</b> High-low temperature, power failure, system failure, battery low, Filter check, diagnostics, Door check, Part replacement notification and remote alarm port for connection to an auto dialer.</i>
7	<b>Compressor</b>	<i>Eco friendly CFC free.</i>
8	<b>Warranty</b>	<i>General warranty period should be minimum 36 months from date of installation Apart from general warranty, Insulation Panel should be warranted for min. 10 years and compressor should be warranted for minimum 5 years.</i>

9	<b>Power supply</b>	<i>230V, 50Hz/60 Hz, power back up 4 hrs OR CO<sub>2</sub> /Nitrogen back up and with automatic voltage stabilizer.</i>
10	<b>Accessories</b>	<p><i>(i) All applicable accessories (UPS, voltage stabilizer, Ice scraper, cryo racks, etc should be provided)</i></p> <p><i>(ii) One table top ice flakes maker (min 20 kg/day, production start time of 10-15 min and CFC free)</i></p> <p><i>(iii) with wheels for easy movement (optional)</i></p>

Dr Sourabh Ghosh  
 PI.  
 Department of Textile Technology

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## Annexure - I

**Envelope A: Technical Quote: The following details are to be enclosed** (*Mention clearly on this envelope – **Technical Quote***)

1. Technical brochures mentioning all details with complete address of the principals.
2. A compliance chart based on the specifications as per the NIQ.
3. Any optional equipment / accessory / spares / consumables advised to be included separately.
4. Installation requirements should be provided.
5. List and addresses of organizations where the equipment has been supplied in last 3 years in India.
6. Details of other equipment supplied to IIT Delhi specifying the Department/ centre / lab to which the equipment was supplied. Also mention if the equipment is being maintained by your organization.
7. Address of the technical office, in Delhi (India), with telephone and FAX numbers. Kindly clarify the type of support available in India.
8. If quote is for imported equipment supplied through Indian Agent, Sole Agency-ship certificate on the letterhead of the principal company, if quotation is from an Indian Agent.
9. Proprietary Item Certificate from the principals, if applicable.

**Envelope B: Financial Quote: The following details are to be enclosed/ ensured.** (*Mention clearly on this envelope – **Financial Quote***)

1. The quotations for the equipment in foreign exchange, if it is to be imported. The cost of spares and optional equipment/accessories/ consumables to be quoted separately. The cost should be based on CIF, New Delhi. If equipment is indigenous, the quote should be in INR and all taxes applicable should be mentioned clearly.
2. The price should be quoted without custom duty and excise duty, since IIT Delhi is exempted from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand.
3. Institute makes payment after delivery and successful installation. In case the payment terms are different, it should be mentioned clearly. If equipment is to be imported, the address of the company in whose name the LC is to be opened should be stated.
4. The comprehensive Warranty period should be clearly mentioned.

5. The details of the AMC after the warranty period.
6. Cost for Installation and training at site, if applicable.
7. Validity of the quote should be minimum 90 days.
8. The delivery period to be clearly specified.