



Indian Institute of Technology, Kanpur

Department of Chemical Engineering

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Request submission of quotation for “-80°Ultra low temperature Deep Freezer”

Sealed quotations are invited from dealers/distributors on or before 21st August 2012 with all technical specifications for the supply of items;

Enquiry No: 10/CHE/SS

Opening date: 14.08.2012

Closing Date: 21.08.2012

The quote should be submitted to the Department of Chemical Engineering, IIT Kanpur.

The following specifications are as under:

- * TYPE: **Upright**
- * INTERNAL DIMENSION : **930Hx500Wx700D (mm)**
- * EXTERNAL DIMENSION : **1730H x 800W x 1030D (mm)**
- * CAPACITY : **325 Liters**
- * OPERATING TEMPERATURE : **-40°C TO -86°C with 1°C increment.**
- * ELECTRIC SUPPLY: **220V/50Hz, 13 Amps. single phase**

- * Fully programmable microprocessor controlled with membrane keypad and eye level control panel.
- * System should have 304L grade stainless steel interior and tough, powder coated exterior finish constructed on steel gauge.
- * Should have four insulated doors giving access to shelves
- * Should have heated air vent and front panel air filter.
- * Heavy duty lockable castors and lockable outer doors and lids.
- * Must have battery back-up (rechargeable)/UPS for temperature display .Temperature chart recording and alarm during power failure.
- * Audible and visible alarms for temperature, power failure, system failure, battery low etc. and it also have remote alarm port for connection to and auto dialler.
- * Must use CFC-FREE, HCFC-FREE non flammable refrigerants, and refrigeration system must be energy efficient and hermetically sealed cascade refrigeration system. Compressor should be capable to run any voltage between 190 – 270V. Freezer must have ISO 9000 safety requirements and IEC 61010 Electrical safety CE certified.
- * Must have washable condenser filter indication which should keep fins free of dust to maintain peak cooling efficiency.

Terms & Conditions of the quotations are as under:

1. The quotation should be submitted in the properly sealed envelope, addressed to the undersigned. The enquiry no. and date should invariably be quoted on the top of the envelope.
2. The time allowed for carrying out the above note work is 7 days.
3. The rate quoted should be inclusive of sales tax and other taxes including freight charges (if any).
4. Quotations should have a validity of a minimum of 90 days.
5. The Institute reserves the right of accepting or rejecting any quotations without assigning any reason thereof.

Kindly send your quotation before respected date in the following address:

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