

07/08/2015

Invitation of bids for the purchase of -86 degree Celsius deep freezer

Hi-

We at IIT Madras urgently require a -86 deg. upright deep-freezer. The specifications for the same are appended.

Please send us sealed quotations, with proper documentation, on or before Sept. 4th, 2015, 6 pm. Also, please include a tabulation explicitly stating the compliance/non-compliance with the desired specifications, as attached.

You may contact me on 044-22574072 for any queries.

Thanks

Dr. Saumendra K. Bajpai,
Assistant Professor, Biomedical Engineering,
Room: MSB 227A
Department of Applied Mechanics,
IIT Madras, Chennai-600 036, India.
<https://home.iitm.ac.in/sbajpai>

Specifications required:

1.	Capacity: 350-400 litres. If all other items are similar, the bid with highest volume-to-price ratio will be considered L1.
2.	Display resolution: 0.1 degree Celsius.
3.	Microprocessor based temperature control.
4.	Digital display for both operating and set-point temperatures.
5.	Adjustable temperature range for set-point, between -86 and -40 degrees Celsius.
6.	Minimum three shelves for storage.
7.	Upright design
8.	Must include horizontal metal racks for loading racked cryo-cardboard boxes.
9.	Safety lock to prevent unauthorized access.
10.	CFC free refrigeration cycle.
11.	Offer must include suitable Voltage stabilizer.
12.	Offer must mention the peak kVA requirement (compressor-is-on) for normal running.
13.	Cascade-cooling scheme
14.	3 year compressor warranty is desirable. If not offered, indicate the duration of compressor warranty.
15.	Free installation.
16.	Adjustable alarm set-points for both high-temperature and low-temperature.