

# PANJAB UNIVERSITY, CHANDIGARH - 160014, INDIA

## DEPARTMENT OF BOTANY



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N.I.Q.

Dear Sir,

Please quote your lowest rates in DUPLICATE, for the item given below as per the specifications. Your quotation should reach the undersigned **on or before 13.04.2018**.

### **DEEP FREEZER (minus 80 degrees centigrade):**

#### **Specifications:**

1. Style: Upright
2. Temperature: should maintain -86 degree c at ambient temperature of up to 32 degree C.
3. Capacity: 350 L  $\pm$ 10% (Higher Capacity will be preferred)
4. Compressor: Minimum two Cascading compressors of at least 1 HP each, Power management system with low voltage surge.
5. Warm up time: Minimum 3 hrs.
6. Outer surface: Heavy gauge, cold-rolled steel exterior construction with a powder coat paint finish that resists chipping and rust and stainless steel interior.
7. Compartments: At least 4-5 compartments with individual magnetic door.
8. Insulation: Minimum 5" foamed in place polyurethane insulation/vacuum insulation panel.
9. Automatic reset: Microprocessor controller to protect the system from failure caused by power spikes.
10. Control panel: Digital control panel mounted at eye- level to show all information/warnings for the system.
11. Warranty: minimum 2 years on System & Compressor.
12. Heavy duty lockable castors with adjustable leveling feet and lockable outer doors. One minute door recovery (after opening) to -70 degree Celsius should less than 30 min. Should have Optional facility for Wireless data monitoring system for the freezer with SMS alert. Compatible Servo Stabilizer should be supplied with Equipment.

The rates quoted should be **FOR Botany Department, P.U., Chandigarh. SPECIAL DISCOUNT** for educational institutions/University teaching department may be mentioned. **The technical, financial bids and EMD @2% (Demand draft only, in favor of The Registrar, Panjab University, Chandigarh) be enclosed in separate sealed envelopes duly marked and placed together in a duly sealed envelope giving our reference and due date of quotation and should be sent to Prof. Neera Garg, Principal Investigator, DBT Major Research Project, Department of Botany, Panjab University, Chandigarh-160014 by registered/speed post only.**

Yours sincerely,

(Neera Garg)