

**Environmental Engineering Laboratory
Department of Civil Engineering**

Notice Inviting Quotations for "Deep Freezer" for Air Sampling Filter Storage.

Date: 14.12.2016

Sealed quotations are invited for a **Deep Freezer** as per the specifications described below on or before 29th December 2016, 17:00 Hours. Two bids (separate quotations for technical and financial bid) put together in a common outer envelope subscribing "**Quotation for Deep Freezer**" should be addressed and submitted to:

Dr. Gazala Habib

Block-4, Room No. 313; Environmental Engineering
Department of Civil Engineering, Indian Institute of Technology Delhi,
Hauz Khas, New Delhi -110016.

Technical Specifications for Deep Freezer

S.No.	Type	Quantity	Technical Specification
1.	Deep Freezer	2-Unit	Temperature Range: -16 to -25° C
			Capacity: 300 to 350 Liters.
			Design: Vertical.
			Control Panel: Touch Key Pad/ LED.
			Digital Temperature Indicator: Accuracy $\pm 5^\circ$ C or Better.
			Alarm: High and Low Temperature Alarm preferred.
			Door: Double gasket seal.
			Trays: Adjustable trays with perforated design.
			Castor: Rear only.
			Compressor: Low noise level preferably (<60dB) or better.
			Condensers: highly efficient condensers with automatic condensate evaporating system.
			Evaporator: Internal evaporator system forced draught.
			Temperature Display: Digital LED/LCD.
			Power Supply: 220 to 240 volts Frequency, Hz: 50 to 60 Defrost: Automatic Battery Backup: 40 to 50 h USB: Yes (Optional) Gross Weight, kg: 130 to 140kg. Preferred: <ul style="list-style-type: none"> ➤ Eco-friendly, HCFC-free Nature R refrigerant. ➤ Efficient cyclopentane insulation. ➤ Low energy consumption. ➤ User friendly and maintenance –free. ➤ Galvanized, pre-painted steel cabinet. ➤ ISO 9001, 14001 & 18001 OHSAS Certified.

Note:

- Comprehensive onsite 3 years warranty.
- The charges of AMC. (Post warranty) for five years must be provided separately.
- The vendors will provide details of organization/Institutes where they are distributing last 5-10 years.
- Vendor should provide authorization certificate from manufacturer.
- The decision of departmental purchase finalization committee for selection or rejection of any bid will be final.

Dr. Gazala Habib,

Assistant Professor
Room 303, Block IV, IIT Delhi
Civil Engineering
New Delhi 110016, India
Contact: 011-2659-1192