

बीरबल साहनी पुराविज्ञान संस्थान, लखनऊ  
BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES, LUCKNOW

टेलीग्राम पेलियोबॉटनी  
दूरभाष 2740008,2742983  
फैक्स ९१-91-522-2740485, 2740098  
बी सा पु सं /III/भंडार एवं क्रय/A.S.

53, विश्व विद्यालय मार्ग  
लखनऊ - 226007

Date: 14.03.2019

संयोजक वेबसाइट समिति, C/29 B  
बी सा पु सं, लखनऊ।

**Refrigerator-01 (Specifications at the back)**

**Subject:** -----

Dear Sirs,

This Institute intend to purchase item mentioned above. Sealed quotations are invited so as to reach this office on or before 5:00 P.M. on 28.03.2019 duly superscribed by "Refrigerator"

While submitting quotation please note that:

1. The material may either of indigenous manufacturer or of foreign make, available from ready stock. Any offer to supply on forward Delivery Basis under suppliers own quota license will also be considered.
2. The price quoted should be F.O.R. Destination.
3. Your rates should include packing, insurance and forwarding charges.
4. The rates of GST should be clearly indicated wherever chargeable. The tendered should also indicate GST Registration Number and date in this quotation.
5. Specific mention should be made whether the offer is for supplies available ex-stock. In case the officer is on Forward Delivery basis, firm delivery period must be indicated.
6. The cover should be sealed and superscribed "Quotation for "Refrigerator" must be written on envelope. The quotations not complying the procedure will be rejected.
7. Payments will be made by crossed cheque on The Indian Overseas Bank, Lucknow only after receipt and acceptance of supply and installation/ if required satisfactory.
8. The acceptance of the quotation will rest with the Director who does not bind himself to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotation received without assigning any reasons.
9. The quotations are liable to be cancelled if any of the above mentioned conditions are not complied with.
10. The items may be increase or decrease at the time of purchase.

*Samdar*

(Swapna Mazumdar)  
Section Officer  
Store & Purchase Section

## **Specification for Laboratory Refrigerator**

The laboratory refrigerator should be easy to install, which should have environmentally friendly design with cost savings, reducing energy consumption and have a low cost of operation/ownership be easy to use. Should have normal warranty.

It should be large, easy cleaning with rounded corners and should be designed for storing temperature sensitive chemicals and samples. Even temperatures should be maintained throughout, and should include temperature alarms, and high and low temperature readouts.

Detailed specification is given below:

- Solid single layer glass doors with locks
- Should have capacity of 350-400 L
- Stainless steel interior and exterior to avoid corrosion, antimicrobial painted and powder coated exterior and should have 4-5 adjustable shelves
- Forced air design instead of regular cold wall, for both Refrigerator and Freezer for fast temperature equilibration.
- Temperature alarms and high and low temperature readouts. Should keep the temperature within the safe limits.
- Standard wheel/castors for easy movement
- Automatic water disposal
- Standard controller and setting should have  $+2^{\circ}\text{C}$  to  $+8^{\circ}\text{C}$
- Temperature Uniformity Range:  $\pm 3^{\circ}\text{C}$  and Controller: Standard controller with  $0.1^{\circ}\text{C}$  resolution
- Lighting –internal LED lighting with less heat exposure than fluorescent or incandescent lighting.
- Voltage free connection and Electrical Requirements: 220-230V 50 Hz.
- Temperature probe port entry
- External Dimensions: approx. 620 x 660 x 1950 mm (WxDxH)
- Interior Dimensions: approx. 550 x 450 x 1350 mm (WxDxH)
- Instruction manuals and warranty with documents should be provided.
- Supporting documents wherever required and original catalogue should be provided to validate specifications.
- Equipment should be EN/CE certified.