

**Department of Biochemistry**  
University of Delhi South Campus  
Benito Juarez Road, New Delhi - 110021

**Quotation Invitation Letter**

**Date: 07-03-2019**

Ref. No. – UDSC/BIOCHEMISTRY/2019 /12

**PURCHASE OF -20°C FREEZER**

Quotations are invited through e-procurement for the following equipment to be uploaded latest by **18<sup>th</sup> March, 2019**

**Name of the equipment: -20°C Vertical Deep Freezer**

**Quantity: One**

**Specifications and Technical Details:**

1. Unit should have a minimum capacity of 340 litres or better.
2. Freezer dimension should not be more than 25x25x75 inches (W x D x H).
3. Unit should have a temperature range of -17°C to -24°C.
4. It should have a freezing capacity of at least 15 Kg/24 hour.
5. Unit should come with rear rollers/ wheels and leveling feet for adjustable height.
6. Equipment must contain a lock system and display option for indication of lock.
7. Manual defrost is preferential.
8. Rated load/ wattage should not exceed 140.
9. Unit should come with minimum 8 baskets/ shelves and stainless steel trays.
10. Freezer should have easy to use membrane keypad with LED display and a digitalized temperature display controller.
11. There should be an option for display of priority error warnings, including display of 'low voltage or error in power supply'. (For defective compressor or defrost heating effect)
12. Unit must have ventilated air cooled/ static refrigeration system and condenser.
13. Unit must be accompanied with inbuilt microprocessor for accurate regulation of parameters and should have a mandatory alarm system with both audio/ video display for the same.
14. A dual mode of operation (Economy & Super freezing) is preferred.
15. Unit should have a minimum of four star rating with A +/-A energy class.
16. A tropicalized climate class is preferred.
17. Unit must use CFC free –R 600 A refrigerant.
18. There should be an option for inbuilt light upon door opening.
19. A single hard door with reversibility option is preferred for the unit.
20. Unit should contain high density wall for proper insulation.
21. Freezer door should close by vacuum to maintain temperature.
22. Unit must be able to run on battery or power back-up device.

23. Unit should be equipped to maintain its temperature settings even after the power cut.
24. Unit should have at least 3 selected modes of temperature settings as per ambient temperature.
25. Unit must be endorsed with IEC-IECEE (KEMA) CB SCHEME', ENEC' and CE,CB,ISO 9001 / ISO 14001 & 18001 and ISO 13485 or other international certifications.
26. Freezer should also be NABL certified.
27. Unit should be accompanied with external digital temperature controller with high quality probe sensor which can detect as low as -100°C temperature.
28. A plastic ice blade for scraping ice will be preferred with the equipment.
29. There should be assurance for availability for service engineers for prompt service and spare parts should also be available as required.
30. Freezer should be supplied with compatible standard stabilizer.
31. Unit must come with a warranty period of at least 5 years.

### **Eligibility Criteria**

- Bidder should be Manufacturer/ Authorized Partner/ Reseller of the manufacturer and a Letter of Authorization from manufacturer for the same and specific to the tender should also be enclosed.
- The Bidder shall provide the Registration number of the firm along with the LST/ CST/ WCT No. and the PAN Number issued by the concerned authorities.
- Separate technical and price bid should be uploaded.
- Technical Bid must contain a Technical Compliance sheet. Technical compliance sheet must have the page number of a published catalogue/ technical specifications/ accessory information/manufacture website as proof for compliance with each technical point. Relevant copies of published catalogue/ technical specifications/ accessory information/manufacture website that have been listed as proof should be attached.
- The bidder must not be blacklisted by Delhi University. A Certificate or undertaking to this effect must be submitted.
- Bidder should be able to deliver the equipment within 7 days of placing the order.

### **Instructions to Suppliers:**

Two types of quotations are to be submitted in e-procurement site: **Technical** and **Financial**.

**Technical Quotations** should contain all details of technical specifications of the equipment including manufacture and model details along with commercial terms and conditions, warranty and delivery schedule. The quote should be valid for a minimum of 60 days from the due date. Pictures of the equipment must be included with similar specifications as above with logo or name of the company on them. Authorization certificates from the Principal manufacturer, if any, must be provided. Proprietary certificate for any proprietary or patented item must be provided. Unique features maybe highlighted along with their applications and advantages over other available accessories.

A user list of at least 5 (five) users of the equipment quoted (who have installed and used them successfully for years) with complete addresses / e-mail IDs / phone nos should also be appended.

**Financial Quotations** should contain price of the equipment, accessories, discount if any, packaging and forwarding charges, Air Freight and insurance charges, custom duty and clearance as well as transportation charges to the site of delivery/installation. The price quoted should be F.O.R. destination (UDSC). CDEC will be provided, if needed.

Payment will be made against successful delivery and after confirmation that the item is intact and functional.

The supplier should provide quotation or tender through e-procurement site.

### **No Commitment to Accept Lowest or Any Tender**

- Demonstration of the item or its use will be required, if needed
- Institute reserves the right to order equipment/accessories with better quality and suitability over lower price and to accept or reject any or all quotations without assigning reasons thereof.
- University of Delhi shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers. University of Delhi will not be obliged to meet and have discussions with any vendor, and or to listen to any representations.

  
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