

Ref: C-CAMP/L-100/2025-26 (C)

September 30, 2025

ENQUIRY

Dear Sirs,

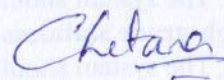
Please let us have your lowest quotation for the following:

Sl.No	Item/s description	Qty.
1	<p>Technical specification of ULT -80°C Freezer</p> <ol style="list-style-type: none"> 1. The system should be an upright ultra-low temperature freezer designed for long-term preservation of biological and pharmaceutical samples. 2. System should be vertical standing and should have working volume of 800 to 850Ltrs ($\pm 5\%$) 3. The system should allow setpoints between -50°C and -90°C with a guaranteed stable range of -50°C to -86°C. 4. The system should achieve a cooling performance to at least -86°C within 4 hours of startup under standard ambient conditions. 5. The system should ensure temperature uniformity within $\pm 5^{\circ}\text{C}$ throughout the chamber. 6. The system should have a recovery time of ≤ 15 minutes after a 1-minute door opening. 7. The system should maintain holdover time ≥ 5 hours at -60°C or below during a power failure when fully loaded. 8. The system should have dual independent refrigeration circuits to provide redundancy; failure of one circuit should still maintain safe sample storage conditions. 9. The system should use CFC/HCFC-free refrigerants compliant with environmental standards. 10. The system should include high-efficiency compressors to reduce energy consumption and extend lifespan. 11. The system should be controlled by a microprocessor-based controller with high-resolution LCD/Touch display. 12. The system should include non-volatile memory to store alarm history, setpoints, and operating logs even during power interruptions. 13. The system should support digital calibration with password-protected access. 14. The system should have audible, visual, and remote alarms for temperature deviation, door open, power failure, sensor error, and system malfunction. 15. The system should provide remote monitoring capability via RS-485 / Ethernet / potential-free alarm contacts. 16. The system should have on board diagnostics, which allows quicker diagnosis of problem and minimizing downtime. The data storage should be minimum of 4GB and Data should be available in the display. 17. The system should have a corrosion-resistant, powder-coated steel exterior and a high-grade stainless-steel interior. 18. The system should include at least two insulated inner doors to minimize temperature loss; optional 4 or 5 inner doors should be supported. 19. The outer door should be lockable, gasket-sealed, and field-replaceable without shutting down the freezer. 20. The system should include adjustable shelves or compartments capable of accommodating ≥ 350 standard 2-inch cryoboxes. 21. The system should have at least one 25 mm or larger access port for external probes or cables. 22. System must be offered with inventory like SS racks boxes and dividers for full 	1

capacity of all the freezers and freezer should hold 400 - 2" boxes or 4000 - 2ml Vials	
23. The system should operate on 220-240 V AC, 50 Hz, single phase .	
24. The system should consume ≤20 kWh/day under standard operating conditions.	
25. The system should be equipped with a power management system to reduce peak load and ensure stable operation.	
26. The system should be fitted with lockable casters and levelling feet for stability and mobility.	
27. The system should include a removable condenser filter for easy cleaning and reduced maintenance downtime.	
28. The system should have a USB or SD card interface for data export of temperature logs.	
29. The system should comply with international biomedical storage standards (e.g., WHO, CE, IEC 61010-1, ISO 9001/13485) .	
30. System should be offered with minimum 5-year warranty as part of offer	
31. During the warranty period, any replacement should be completed within one month.	
32. System should be supplied with suitable stabilizer.	
31. Compliance for all the above tender specification shall be provided along with the justified points highlighted as per technical specification asked in the tender.	

Note:

1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date. The bids should be addressed and to be couriered (sent by post/courier) to 'THE GENERAL MANAGER'. The bids are liable to be rejected if the sealed envelope is not addressed to "THE GENERAL MANAGER" with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier, it should reach by submission date and time and CCAMP/NCBS will not be responsible for the delay.
2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS **14/10/2025 BY 5:30 PM**.
3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.
4. The validity of your quotation should be for 60 days from the due date.
5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise, your quote is liable to be rejected.
6. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto CCAMP Stores.
7. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.
8. Payment: within one month after delivery & acceptance/satisfactory installation.
9. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties
10. Since we are a research institution, we are exempted from paying Customs duty (Except ad valorem duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No. 51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices
11. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services.



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