

Department of Bacteriology

Technical Specifications for -20° Freezer

S.No	Technical specification	Complied (yes or No)	If compliance given, mention the page no. of your technical document where the details are provided
1.	Capacity of the freezers will be 450 litres and above		
2.	Temperature uniformity of the system should be $\pm 3^{\circ}\text{C}$ or less		
3.	Adjustable stainless steel shelves with inner door		
4.	Should have the robust frame to handle thousands of door opening and closings		
5.	Should have a high quality door seals		
6.	Should have heavy duty castors to easily move the instruments		
7.	Should have spark free internal cabinets		
8.	It should have key lock doors		
9.	Should have self-closing doors		
10.	It should have microprocessor control		

11	It should have temperature monitoring system		
12	It should have electrical output system		
13	It should have eco-friendly CFC free refrigerant system		
14	It should have key operated alarm and set point security		
15	It should have audible and visible alarm for temperature		
16	It should have time and temperature sensitive auto defrost and manual deforest function		
17	Should be supplied with suitable stabiliser		
18	Voltage and plugs adopted to meet Indian conditions		
19	The manufacturer must have the management system certified by ISO9001		
20	Certificate should be provided that the instrument was calibrated at the factory		
21	All standard accessories and consumables and part required to operate to be included in the offer		
22	Appropriate double booster Servo stabilizer to be provided		

23	<p>Warranty: standard warranty of one year, CAMC for 2nd and 3rd year and AMC for the 4th year.</p> <p>Others: The unit must be quoted by original Equipment Manufacturer's with Sales and Service support facilities in India through their branch office/Indian</p>		
24	<p>Agent (or) Indian agent with extensive sales (Minimum 5 years) and service support in India representing foreign principals /Original Equipment manufacturers. The Indian agency/ dealership certificate with details of sales and service support should be enclosed with the technical bid.</p>		
25	<p>The firm should provide necessary original documentary evidence of the features of the offered model in the technical bid to facilitate proper technical evaluation</p>		
26	<p>Purchase orders, contact details and user satisfactory reports of the quoted model from Nationalized or reputed laboratories all over the India must be shared with quotation</p>		
27	<p>Complete installation and testing the main system and the accessories to their specifications done at the site of installation free of cost. All utility requirements for installation and running the system should be mentioned in the offer.</p>		
28	<p>Please indicate the year in which the model offered was introduced into the market and confirm whether the spares for the system would be available for a minimum period of 10 years and shall not be obsolete within five years of procurement.</p>		
29	<p>Special discount on list price for all spare parts must be given up to 10 years.</p>		
30	<p>Availability of local service support and response time for a service call during and after warranty specified.</p>		

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Technical specification are intended to be descriptive only and not restrictive. The bidder may substitute alternative standards brand names and/or catalogue numbers in its bid, provided that it demonstrates to the purchaser's satisfaction that the substitutions ensure substantial equivalence or superior to those designated in the "Technical Specification