

SN	Purchaser's Specification	Bidder's Offer		
		Yes/No	Page no in sheet	Remarks
	Medical Refrigerator			
	Manufacturer			
	Brand			
	Type/Model			
	Country of Origin			
1	Description of Function			
1.1	To maintain a range of 2-8°C, ideal for storing medications and medical supplies.			
2	Operational Requirements			
2.1	Offer adjustable temperature to accommodate diverse laboratory needs.			
3	System Configuration			
3.1	Complete Medical Refrigerator unit.			
4	Technical Specifications			
4.1	Capacity shall be atleast 130L			
4.2	Cabinet shall be Upright			
4.3	Dimensions shall be Internal size in mm: 552*506*588 External size in mm: 647*621*810 Package size in mm: 725*705*880			
4.4	Weight of the unit shall be in the range of 50-60kg			
4.5	<ul style="list-style-type: none"> • It shall have temperature range: 2-8°C • It shall have Ambient temperature: 10-32°C • Cooling performance shall be of 5°C 			
4.6	The controller of medical refrigerator shall be microprocessor based.			
4.7	It shall have Digital display to display the parameters.			
4.8	<ul style="list-style-type: none"> • Cooling method shall be air cooling. • Number of compressor shall be one. • It shall have automatic defrost mode • The refrigerant type shall be R600a or R134a or R1234yf 			
4.9	<ul style="list-style-type: none"> • External material shall be of Powder coated material • Inner Material shall be of Aluminum plate with spraying 			
4.10	<ul style="list-style-type: none"> • It shall have atleast 3 Shelves • It shall have door lock with key • It shall have LED Lighting • It shall have one Access port. • It shall have 4 casters. • It shall have door with heater. 			
4.11	It shall have data logging feature.			

4.12	The unit shall indicate following Alarm: For high/low temperature , high ambient temperature, Power failure, Sensor failure, door ajar, condenser fault failure,			
4.13	The unit shall have battery backup for atleast 12hours.			
5	Operating Environment			
5.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions includes power supply, temperature, humidity, etc.			
5.2	Power Supply: 220-240 VAC, 50Hz fitted with appropriate plug. The power cable must be at last 3 meter in length			
6	Standards and Safety Requirements			
6.1	Must submit ISO 13485 and IEC 60601-2 Certificate			
6.2	CE and USFDA approved product certificate			
7	User Training			
7.1	Must provide user training (including how to use and maintain the equipment).			
8	Warranty			
8.1	Comprehensive warranty for 2 years after acceptance.			
9	Maintenance Service During Warranty Period			
9.1	During warranty period supplier must ensure corrective/breakdown, preventive maintenance whenever required.			
10	Installation and Commissioning			
10.1	Supplier must accomplish proper commissioning of equipment onsite.			
11	Documentation			
11.1	User (Operating) manual in English.			
11.2	Service (Technical / Maintenance) manual in English.			
11.3	Must Submit Valid Authorization document.			