

Technical Specifications for Walk-in Modular Cold room Storage for Vegetables & fruits

SL NO	Scope of supply		Firm's Compliance (Yes/No)	Remarks
1	Requirement	Prefabricated modular refrigerated room designed for storage of Vegetables and Fruits		
2	Cooler Size (External Dimensions)	(10Ft X 8Ft X 8Ft) (Lx Bx H) - Minimum		
3	Refrigeration type	Vapour compression refrigeration		
4	Cold room door	Swing Type / Hinge door		
5	Display/ Indicator	Digital Display with Temperature Controller		
6	Wall, Floor & Ceiling panel material	Poly-urethane foam (PUF) Panel		
7	Wall / Ceiling / floor panel thickness	50 - 70 mm		
8	Required Storage temperature	2 to 8 Degree Celsius		
9	Body Material	Pre-painted galvanised iron (PPGI) sheet on both side of wall & ceiling panel		
10	Compressors	Sealed Compressors used should be of heavy duty with minimum noise level & vibration of reputed make.		
11	Type of Indoor evaporators unit	Forced air cooled evaporator		
12	Evaporator fans	Suitable Fans to be used		
13	Refrigeration temperature control	Automatic		
14	Electrical wiring type	Indoor to Outdoor		
15	Refrigerant	R407C/ Environmental Friendly		
16	Electrical control panel	Necessary Electricals for Power & Controls with all Safety Interlocks, tripping Mechanism		
17	Alarms	High/ Low Temperature, Refrigerant Pressure Low/ High, Door Open/ Close		
18	Lighting	Suitable Lighting inside the Storage Room		
19	Warranty for the Cooler	One Year		

General Terms & Conditions

1	Demonstration/Training should be provided after installation before acceptance of product		
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2	Firm should have supplied & commissioned similar type of cold storage system within India, during the last 7 yrs & firm should submit minimum two performance certificates / MOM along with Purchase orders for having supplied & commissioned the cold storage system.		
3	Firm has to supply & commission the modular type walk in cold storage system at the designated site in Canteen of H&P division.		
4	Performance Prove out: Firm has to prove the performance as per the scope of supply and terms & conditions of the PO.		
5	Firm should provide foundation / floor plan of space where cold room to be installed.		
6	Payment term: 100% in 60 days after receipt and acceptance of material. In case of MSME it is 45 days after receipt & acceptance of material and on submission of MSME certificate.		
7	Delivery Term : For BEML, KGF		
8	Validity: 90 days from the date of closing of tender.		
9	Delivery shall be 15 days from the date of order.		
10	BEML reserves the right to accept or reject any bid without assigning any reasons thereof.		
11	Risk purchase and LD clause is applicable		
12	For any other technical clarifications, please contact:		
	Mrs.Jayashree.S, Asst. General Manager – Materials, Phone No: 08153 – 279333/279334; e-mail: emc@beml.co.in		