

ADVANCED TECHNOLOGIES
Address: Aasara Appartment, Near Ganesh Mangalam,
Narayanpur Road,Paratwada 444 805 Dist-Amravati
Mob No. 7709471309

Date : 17.12.2021

To,
Mr. Vidharbha
Shetkari Farmar
Producer Company
Shirajgaon Kasaba

WALK IN COMBINATION COLD ROOM TECHNICAL SHEET

S No	Parameter	Value
1	Ambient Temperature [in °C]	42°C for unit purpose
2	Designed Room Temperature Freezer Room [± 2 °C] Chiller Room	-18°C to -20°C 2°C to 5°C
3	Product to be stored	Orange Pulps
4	Product Incoming Temperature [°C]	10°C to 20°C
5	Freezer Room size Chiller Room Size	20(L) X 12 (W) X 12 (H) feet external size (Freezer Room) 20 (L)X 12 (W) X 12 (H) (Chiller Room) (Over All Dimensions 20 X 24 X 12 In Feet External Size)
6	Ante Room Size	NA
7	Product Capacity	Full Load
8	Pull down Time	6 - 8 Hours
9	Material of Insulation	Puff
10	PUF Panel Density(+/- 2kg/ M ³)	40 Kg
11	Material of PUF Panel/Color	Off White
12	Thickness of Insulation For Freezer & Chiller Room Wall	120 mm puff panel (PPGI/PPGI) 80 mm puff panels (PPGI/PPGI)
13	Thickness of Insulation For Freezer & Chiller Room Ceiling	120 mm puff panel (PPGI/PPGI) 80 mm puff panels (PPGI/PPGI)
14	Thickness of Insulation For Freezer & Chiller Room Flooring	120 mm & 60 mm thick puff bar with Tare sheet (washable floor & concrete customer scope)
15	PUF Panel In & Out Sheet Thickness	0.5 mm

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16	Door Type	Manual Swing
17	Door Size	900 x 1800 mm
18	Door Thickness & Size & Qty for Freezer Room	120 mm X 1 No 80 mm X 1 No
19	Type of Refrigeration System	Split Type
20	Type of Cooling	DX type
21	Refrigeration Capacity	5.22 KW @ - 30 SST X 1 No's for Freezer Room 12.3 KW @ -6 SST X 1 No for Chiller Room
22	Type of Refrigerant Freezer Room Chiller Room	R-404A R 407 C
23	Type of Compressor Freezer Room Chiller Room	Semi Sealed Hermetically Sealed
24	Make of Compressor Freezer Room Chiller Room	Bitzer Emerson
25	Type of Condenser	Air Cooled
26	Freezer Room light	Provided
27	No of Condensing Units	1 No's per room
28	Model of Evaporator unit	Unicoool make
29	No of Evaporator Units	1 No's per room
30	Electrical Panel for Ref System	Provided
31	Type of evaporator units	Forced Air Cooled
32	MOC for evaporator units	PPAL/SS304A
33	Temperature indicator cum controller	Microprocessor Based

PRICE SCHEDULE

S No	Description	Qty/SIZE	Supply/Installation INR
1	Towards Supply and Installation of 20 X 12 X 12 Feet External Size X 1 Freezer Room , 20 x12 x 12 Feet External Size X 1 Chiller Room with refrigeration Unit including of Installation work (Puff Panel , Puff Door, Puff Slab with Tar Sheet for floor insulation, Refrigeration Unit, Testing and Commissioning Work)	1 Set	40,00,000.00
A	Total cost Including GST Transportation		40,00,000.00