



SRI VIJAYA VISAKHA MILK PRODUCERS COMPANY LIMITED

CIN : U15209AP2006PTC048708

Regd. Office: VISAKHA DAIRY, AKKIREDDY PALEM, BHPV POST,VISAKHAPATNAM-530 012. A.P.



VISAKHA DAIRY

Date;11.10.2025

Supply, Installation and Commissioning of Walk in Cold Storages

Visakha Dairy, Visakhapatnam, is requesting sealed quotations from suppliers for the following items

S .No.	Material description	Qty in Nos	Delivery Locations
1	Walk in Cold Type Store 50KL Capacity as per attached specifications	02	1) Dairy Plant, Rangampeta , East Godavari –Dist. 2) M.C.C –PedaPadu Srikakulam-Dist
2	Walk in Cold Type Store 25KL Capacity as per attached specifications	03	1).B.M.C, Veeravasaram, West Godavari Dist. 2) B.M.C , P.Gannavaram, B. R Ambedkar Konaseema Dist 3) M. C. C :Tekkali , Srikakulam-Dist
3	Walk in Cold Type Store 10KL Capacity as per attached specifications	07	1).B. M. C: Surappagudem , Eluru Dist. 2).B.M.C:Parvathipuram , Manyam Dist. 3).B.M.C Jangareddygudem, Eluru-Dist . 4). B.M.C :Malkipuram, B. R Ambedkar Konaseema Dist. 5).B.M.C; Itchapuram, Srikakulam-Dist. 6).B.M.C :Tuni, Kakinada –Dist. 7) Markeing Office :Kakinada, Kakinada –Dist.

Important Information to the suppliers:

- 1) Sealed Quotations should be super scribed as “Sealed quotations for supply, Installation and Commissioning of Walk in Cold Type Stores“
- 2) Submission Deadline: Sealed quotations (both technical and commercial) will be accepted on or before 05.11.2025, up to 05:00 PM only. Late submissions will be unopened and rejected.
- 3) Opening of Quotations: Quotations will be opened on 06.11.2025 at 12:30 PM.

An ISO 22000:2018 Certified Dairy

Phones : (0891) 2517230 Website: www.visakhadairy.com Email: purchase@visakhadairy.com



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- 4) Rates: The rates quoted should include all taxes and duties FOR Destination
- 5) Bidding Unit: Rs/Unit should be in Bill of quantites.
- 6) Material should be delivered to as per our destination Points
- 7) Delivery Schedule/Period: should be completed with in 45 days
- 8) Payment shall be made according to supply in spells and "based on satisfactory analysis report " if any deviations are found Visakha Dairy reserves the right to reject the material if it does not meet quality specifications .
- 9) Managing Director has reserve the right to accept or reject any one or all the quotations or to post pone the date of opening without assigning any reason there of.
- 10). Payment will be made after receipt of the material in good condition as per Inspection Report.
- 11) In case of any dispute, Courts, Visakhapatnam shall have exclusive jurisdiction for settlement.
- 12) The successful bidders shall submit an Agreement on Rs.100/ Stamp Paper Regarding supply specifications supply schedule etc.
- 13) The rates quoted shall be applicable for the total quantities no revision is accepted there after.
- 14) Management has the right to reject the material in case of any deviations in quality/ specifications stipulated.


Sr. Manager (Purchase)
VISAKHA DAIRY
VISAKHAPATNAM



Sri Vijaya Visakha Milk Producers Company Limited
Akkiredipalem, Opp.BHEL, Visakhapatnam-530012.

1. WALK IN COLD TYPE STORE 50KL Capacity

Location: As per given destinations

Product Storage: Milk ,Milk Products & Ice-Cream

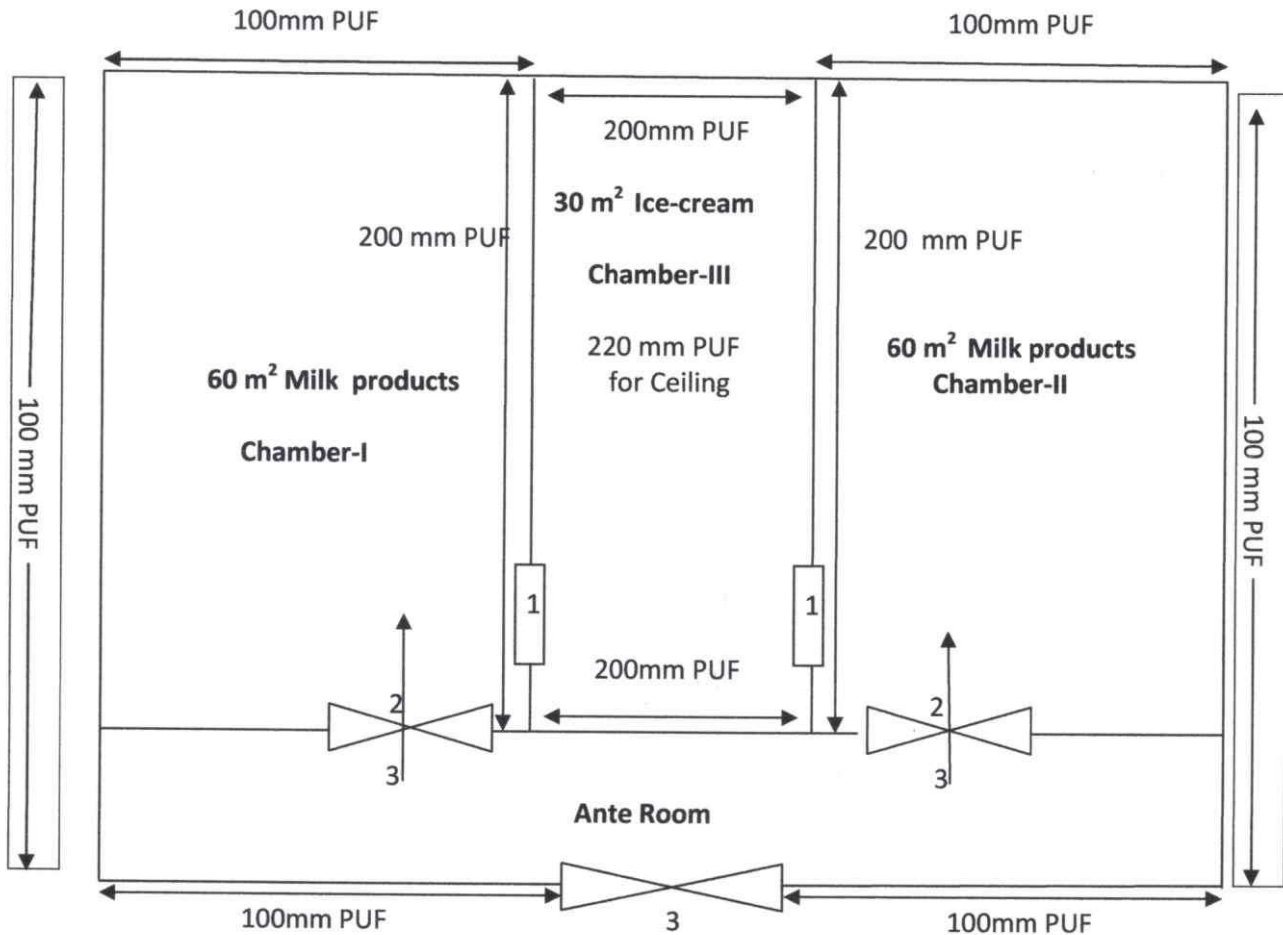
Particulars / Parameters:	Cold store (Positive Chamber)	Ice cream cold storage
Room Flooring Area	Inner floor area - 150 m ² & height -3.5 m	
Chamber Division	I. The total cold storage area of 150 m ² shall be constructed within a foot print of a site area and divided into three thermally insulated chambers for best energy efficiency and operational convince with single entry sliding door and the inner partition is included with common access sliding doors. II. Two chambers, each chamber 60 m ² floor area shall be provided for storage of milk and milk products 40KL at +4°C III. Each chamber must provide 2 units of evaporators and condensers. IV. Each unit- 4 TR X 4 units Total - 16 TR	I.Third chamber 30 m ² shall be dedicated for ice-cream at -25°C II Third chamber 5 TR X 2 units Total – 10 TR
Room Temperature	4°C Max.	-25°C
Cooling Capacity	1,92,000 BTU / 16 TR or as per design	1,20,000 BTU/10TR
Compressor operating duty	-8°C EVA. & 50°C Cond. Temperature	-33°C EVA. & 50°C Cond. Temperature
Roof & walls exposed to sun?	No	No
Insulation Material & Thickness		
Floor	100mm PUF	200mm PUF
Ceiling	120mm PUF	220mm PUF
Wall	120mm PUF	200mm PUF
Product stored	Milk, Curd, Lassi	Ice-Cream
Product quantity per day per compartment	40,000 L of milk	10,000 L
Temp. of incoming product	6 °C	-20°C
Pull down time	3 Hours	2 Hours
Packing materials	Polythene pouches in crates	Cartons boxes
Temp. of packing material	Ambient	
Electrical equipment load	FDC + Lighting	FDC + Lighting
Number of workers	04	03
Ante Room	Suitable single ante room with single entry sliding door	


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WALK IN COLD TYPE STORE 50 KL Capacity



INDEX

Item No	Item Description	QTY.
1	Man Hole For Ice-Cream Chamber	02 No's
2	Air Curtains And Pvc Strip Curtains	02 No's
3	Manual Sliding Type Cold Store Doors	03 No's


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2. WALK IN COLD TYPE STORE 25KL Capacity

Location: As per given destinations

Product Storage: Milk ,Milk Products & Ice-Cream

Particulars / Parameters:	Cold store (Positive Chamber)	Ice cream cold storage
Room Flooring Area	Inner floor area - 75 m ² & height -3.5 m	
Chamber Division	I. The total cold storage area of 75 m² shall be constructed within a foot print of a site area and divided into three thermally insulated chambers for best energy efficiency and operational convince with single entry sliding door and the inner partition is included with common access sliding door. II. Two chambers, each chamber 30 m² floor area shall be provided for storage of milk and milk products 20KL at +4°C III. Each chamber must provide 2 units of evaporators and condensers. IV. Each unit- 2.0 TR X 4 units Total – 8 TR	I.Third chamber 15 m² shall be dedicated for ice-cream at -25°C II Third chamber 2.5 TR X 2 units Total – 5 TR
Room Temperature	4°C Max.	-25°C
Cooling Capacity	96,000 BTU / 8 TR or as per design	60,000 BTU/5TR
Compressor operating duty	-8°C EVA. & 50°C Cond. Temperature	-33°C EVA. & 50°C Cond. Temperature
Roof & walls exposed to sun?	No	No
Insulation Material & Thickness		
Floor	100mm PUF	200mm PUF
Ceiling	120mm PUF	220mm PUF
Wall	120mm PUF	200mm PUF
Product stored	Milk, Curd, Lassi	Ice-Cream
Temp. of incoming product	6 °C	-20°C
Product quantity per day per compartment	20,000 L of milk	5,000 L
Pull down time	3 Hours	2 Hours
Packing materials	Polythene pouches in crates	Cartons boxes
Temp. of packing material	Ambient	
Electrical equipment load	FDC + Lighting	FDC + Lighting
Number of workers	03	02
Ante Room	Suitable single ante room with single entry sliding door	

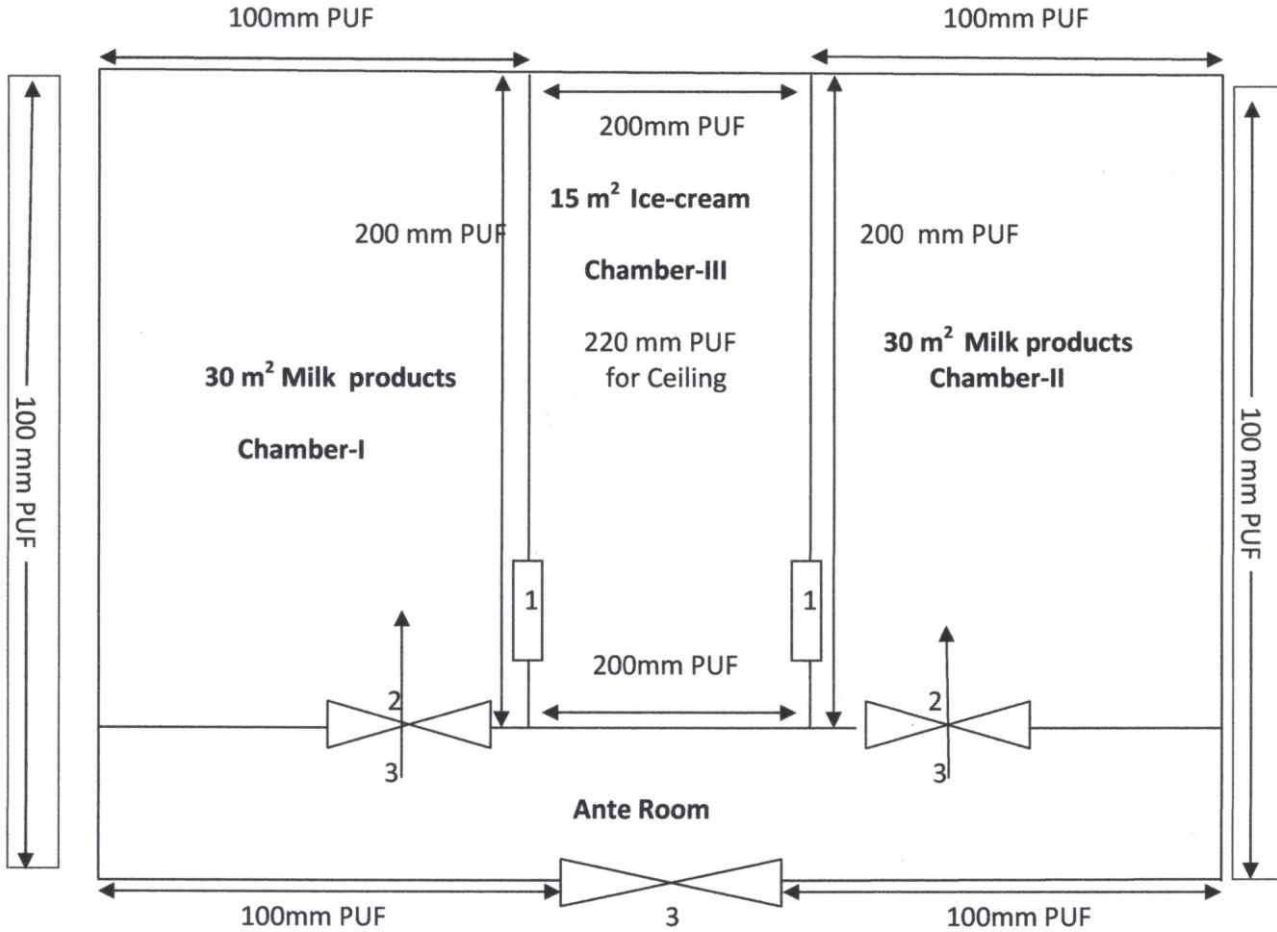
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WALK IN COLD TYPE STORE 25 KL Capacity



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2	Air Curtains And Pvc Strip Curtains	02 No's
3	Manual Sliding Type Cold Store Doors	03 No's

S. V. L.
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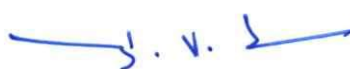


3. WALK IN COLD TYPE STORE 10 KL Capacity

Location: As per given destinations

Product Storage: Milk & Milk Products

Particulars / Parameters:	Cold store (Positive Chamber)	Ante Room
Room Flooring Area	Inner floor area - 30 m ² & height -3.5 m	Suitable single ante room
Chamber Division	I. The total 30 m ² area must be divided into two equal chambers with single entry sliding door and the inner partition is included with common access sliding door. II. Each chamber must provide with 1 unit of evaporator and condenser. III. Each unit- 2 TR X 2 units Total – 4 TR	
Room Temperature	4°C Max.	
Cooling Capacity	48,000 BTU / 4 TR or as per design	
Compressor operating duty	-8°C EVA. & 50°C Cond. Temperature	
Roof & walls exposed to sun?	No	
Insulation Material & Thickness		
Floor	100mm PUF	
Ceiling	120mm PUF	
Wall	120mm PUF	
Product stored	Milk, Curd, Lassi	
Product quantity per day per compartment	10,000 L of milk	
Temp. of incoming product	6 °C	
Pull down time	3 Hours	
Packing materials	Polythene pouches in crates	
Temp. of packing material	Ambient	
Electrical equipment load	FDC + Lighting	
Number of workers	02	


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SCHEDULE OF MAJOR ITEMS PROPOSED

a) FOR SUPPLY OF ITEMS:

S.no	Item Description	Capacity
1	Floor insulation Cold Stores	Conventional Insulation for - PUF slabs 100 mm thick (in two layers - each 50 mm thickness of density 40 kg/m ³)
2	Wall insulation Panel with all accessories for cold stores & ante room	Pre-engineered prefabricated sandwich (PPGI) rigid Polyurethane Panel 120 mm thickness of density 40 kg/m ³
3	Ceiling insulation Panel with all accessories for cold stores & ante room	Pre-engineered prefabricated sandwich (PPGI) rigid Polyurethane Panel 120 mm thick
4	Manual Sliding type cold store doors	120 mm PUF insulated door of size 1.2 X 2.1 M. (Kick Plate must be included on both sides of door)
5	Air curtains and PVC strip curtains	Air curtain for 1.2 X 2.1 M Door
6	Packaged type air cooled condensing unit	Air Cooled Split Type.
7	Forced draft coolers (evaporators)	Capacity matching with condensing unit
8	Internal electrification of cold stores and ante room	As per requirement, moisture proof fittings
9	Data Recording	Data Logger for keeping track of parameters, mobile based IOT data logger for Temperature.
10	Cold store safety systems	As per requirement.

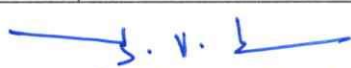

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b) FOR INSTALLATION & COMMISSIONING ITEMS:

S.no	Item Description	Milk Products Cold Storage Capacity	Ice-Cream Cold Storage Capacity
1	Floor Insulation Cold Stores	Conventional Insulation For - PUF Slabs 100 Mm Thick (In Two Layers - Each 50 Mm Thickness of density 40 kg/m ³)	Conventional Insulation For - PUF Slabs 200 Mm Thick (In four Layers - Each 50 Mm Thickness of density 40 kg/m ³)
2	Wall Insulation Panel with All Accessories for Cold Stores & Ante Room	Pre-Engineered Prefabricated Sandwich (PPGI) Rigid Polyurethane Panel 120 Mm Thickness of density 40 kg/m ³	Pre-Engineered Prefabricated Sandwich (PPGI) Rigid Polyurethane Panel 200 Mm Thickness of density 40 kg/m ³
3	Ceiling Insulation Panel with All Accessories For Cold Stores & Ante Room	Pre-Engineered Prefabricated Sandwich (PPGI) Rigid Polyurethane Panel 120 Mm Thick	Pre-Engineered Prefabricated Sandwich (PPGI) Rigid Polyurethane Panel 220 Mm Thick
4	Cold Store Doors	Manual Sliding Type Cold Store Doors 120 Mm PUF Insulated Door of Size 1.2 X 2.1 M.	Man Hole Doors
5	Air Curtains and PVC Strip Curtain	Air Curtain For 1.2 X 2.1 M Door	-
6	Packaged Type Air Cooled Condensing Unit	As Per Specific Design	As Per Specific Design
7	Forced Draft Coolers (Evaporators)	Capacity Matching with Condensing Unit	Capacity Matching with Condensing Unit
8	Internal Electrification of Cold Stores And Ante Room	As Per Requirement, Moisture Proof Fittings	As Per Requirement, Moisture Proof Fittings
9	Cold Store Safety Systems	As Per Requirement	As Per Requirement


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APPENDIX

LIST OF APPROVED MAKES FOR MAJOR COMPONENTS

Air Curtains	Almonard /Russel / Raden
Cold Store & Deep Freeze Door / Hatch Door	Meta Flex / MTH / Rinac
Prefabricated Insulating Panels	Beardsell / Lloyds / Sintex / Rinac / Blue Star / Jindal Mectec / Frick
Packaged Type Air Cooled Condensing Unit	Danfoss / Bitzer / Bock / Bohn / Emerson / Frescold
Forced Draft Coolers (Evaporators)	Star Coolers /Gunter / Help Man / Goedhart / Kuba /
Electrical Switchgears - Starters, Isolators, Push Buttons, LED Indicating Lamps Etc.	L&T/ Schneider /ABB/ Siemens
Mcb	L&T/ Legrand/ Schneider/ Abb/ Hager/ Havel's
LT XLPE/ PVC Copper Conductor Power Cable	Finolex /Lapp Kabel / RPG / RR Kabel / SBEE / Polycab
Copper Control Cables	Finolex / Lapp Kabel / RPG / RR Kabel / SBEE / Polycab
HRC Fuse	L&T/SIEMENS/BUSMANN/GE/C&S
Ups	Schneider / Emerson-Liebert / Reillo
Vapour Proof Light Fittings for Cold Stores & Ante Room	Philips / Wipro / Bajaj / Crompton Greaves


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