

<b>To,</b>  <b>M/s. Sriyami farmers Producer Company Ltd</b> <b>At: -217/1/2/2/A, Chinchani Road, Tasgaon Tal. Tasgaon Dist. Sangli Maharashtra -416312</b>	<b>Kind Attention: Mr. Sandip Patil</b>	
	<b>Offer No.</b>	<b>CTQ/21-22/2802R</b>
	<b>Offer Date.</b>	<b>22/11/2022</b>
	<b>Contact No.</b>	
	<b>Email.</b>	

**Dear Sir,**

**Subject –Offer for supply installation & commissioning of cold storage, pre-cooling pack house facility as per specification.**

At first please allow us to take this opportunity to introduce our company

**Celfrost Technologies.**

Welcome to Celfrost Technologies, your number one source for all your HVAC & refrigeration needs, we're dedicated to giving you the very best of refrigeration products with a focus on best quality in industry.

Our capabilities start with a total commitment to excellence and quality in all that we do. We pride ourselves in providing high-quality cooling solutions for both the commercial and industrial needs. By keeping in mind diversified needs of our clients, our expert design team can offer custom equipment's to meet variety of customer needs.

Celfrost Technologies cater refrigeration products and having following product range cold storage, chillers, panel air conditioner, air drier, dairy product and electrical panel.

Our offer as per the following annexure:

- Annexure – I : Basic Design
- Annexure – II : Scope of Supply
- Annexure – III : Price Schedule
- Annexure – IV : Payment Terms
- Annexure – V :Facilities to be provided by the customer at site of work

Very truly yours

**For**

**Celfrost Technologies.**

**Roshan Kukade (+91)-9175086447**

**Email – [rk@celfrostgroup.com](mailto:rk@celfrostgroup.com)**



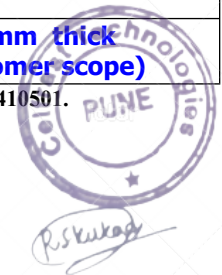
OFFICE:- PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.

OFFICE:- PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.  
BULDANA -ITAPE LAYOUT, CHIKHLI ROAD BULDANA, 443001.

PH: +91-9175086447, EMAIL: -[info@celfrostgroup.com](mailto:info@celfrostgroup.com), Visit Us: [www.celfrostgroup.com](http://www.celfrostgroup.com)

<b>Basis of Design (Pre cooling 1,2)</b>		
<b>Sr.N</b>	<b>Description</b>	<b>Parameters</b>
1	Chamber Sizes (proposed)	5.9 X 3.5 X 4 Mtr
2	No of Chamber (proposed)	2 Nos.
3	Room Temperature	0 to 2 °C
4	Product Incoming Temp	26°C
5	Products details	Grapes
6	Total Products Loading	6 MT
7	Products Loading Per Batch	6 MT
8	Pull Down Time	7 to 8 Hrs
9	Ambient Temperature in °C	43 °C ( High )
10	Wall & Ceiling Panel Insulation	100 mm thk of PUF Panel
11	Floor Panel Insulation	50 mm thk of PUF Panel
12	Material Door Size	1 .5 (w) x 2.7 (ht) x 80 MM thk
13	Door Opening	10 to 12 Nos. per Day
14	Door type & Operation	Manual Sliding Door
15	Type of Refrigeration System	Air-cool System
16	Type of Compressor	Hermetically Sealed
17	Type of Condensing Unit	Split Type DX System
18	Refrigeration unit	<b>(Frascold/Emerson Branded)</b>
19	No. of Unit Per Chamber	2 Nos
20	Temperature indicator Cum Controller	Provided.
21	Strip Curtain	Provided.
22	Refrigeration Capacity each Chamber at Peak Load	40 KW
23	Civil Work	<b>(Civil work PCC &amp; 25 mm thick polished Kota in Customer scope)</b>

OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.

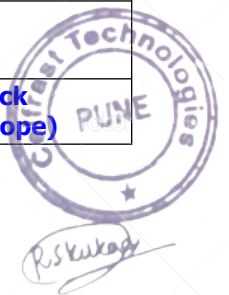


OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.  
BULDANA -ITAPE LAYOUT, CHIKHLI ROAD BULDANA, 443001.

PH: +91-9175086447, EMAIL: -[info@celfrostgroup.com](mailto:info@celfrostgroup.com), Visit Us: [www.celfrostgroup.com](http://www.celfrostgroup.com)

<b>Basis of Design (Cold Room Staging 1)</b>		
<b>Sr.N</b>	<b>Description</b>	<b>Parameters</b>
1	Chamber Sizes (proposed)	9 X 6 X 4 Mtr
2	No of Chamber (proposed)	1 Nos
3	Room Temperature	0 to 2 °C
4	Product Incoming Temp	6°C
5	Products details	Grapes
6	Total Products Loading	63 MT
7	Products Loading Per Batch	6 MT
8	Pull Down Time	24 Hrs
9	Ambient Temperature in °C	43 °C ( High )
10	Wall & Ceiling Panel Insulation	100 mm thk of PUF Panel
11	Floor Panel Insulation	50 mm thk of PUF Panel
12	Material Door Size	1 .5(w) x 2.7(ht) x 80 MM thk
13	Door Opening	10 to 12 Nos. per Day
14	Door type & Operation	Manual Hinge Door
15	Type of Refrigeration System	Air-cool System
16	Type of Compressor	Hermetically Sealed
17	Type of Condensing Unit	Split Type DX System
18	Refrigeration unit	<b>(Emerson Branded)</b>
19	No. of Unit Per Chamber	2 Nos
20	Temperature indicator Cum Controller	Provided.
21	Strip Curtain	Provided.
22	Refrigeration Capacity each Chamber at Peak Load	34 KW
23	Civil Work	<b>(Civil work PCC &amp; 25 mm thick polished Kota in Customer scope)</b>

OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.



OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.  
BULDANA -ITAPE LAYOUT, CHIKHLI ROAD BULDANA, 443001.

PH: +91-9175086447, EMAIL: -info@celfrostgroup.com, Visit Us: www.celfrostgroup.com



• <b>Supply Refrigeration System</b>	
<b>Sr.N</b>	<b>Description</b>
1	<b>For pre-cooling Frascold Make</b> Air Cooled Condensing Unit CFC/CHFC Free Refrigerant Capacity 40 KW @ 0 Deg. C Room (Min) Temperature.
2	<b>For Cold Storage 1, 2 Emerson Make</b> Air Cooled Condensing Unit CFC/CHFC Free Refrigerant Capacity 30 KW @ 0 Deg. C Room (Min) Temperature.
3	<b>For Cold Storage 3 Emerson Make</b> Air Cooled Condensing Unit CFC/CHFC Free Refrigerant Capacity 23 KW @ 4 to 8 Deg. C Room (Min) Temperature.
4	<b>For Pack house Emerson Make</b> Air Cooled Condensing Unit CFC/CHFC Free Refrigerant 26 Deg. C Room (Min) Temperature.
5	Interconnecting Power and Control Cabling and Earthing with necessary supports.For Cold storage
6	Copper Refrigeration Piping valves & fittings with necessary supports.
7	Refrigeration Controls comprising of the following.
8	Thermostatic Expansion Valves, Solenoid Valves, Sight Glasses.
9	Filter Driers, Valves
10	Temperature Indicator cum Controllers
11	First Charge of Gas
12	PVC Drain Pipes to drain out the Condensate from the Evaporator outlet to the nearest Drain Pit.
• <b>Supply of PUF Panels &amp; Door</b>	
1	PP/PPGI Both side PUF Sandwich Panel 100mm THK - PUF Wall/Ceiling Panel both side Ral 9002 PPGI - Density 40 Kg/Cum with Guard Film for Freezer Room the Specification in Basis of Design.
2	PP/PPGI Both side PUF Sandwich Panel 80mm THK - PUF Wall/Ceiling Panel both side Ral 9002 PPGI - Density 40 Kg/Cum with Guard Film for Freezer Room the Specification in Basis of Design.
3	100 mm THK - PUF Floor Slab both side 0.15mm craft paper Density 40 Kg/Cum.
4	50 mm THK - PUF Floor Slab both side 0.15mm craft paper Density 40 Kg/Cum.

OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.



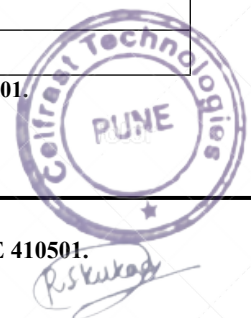
OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.

BULDANA -ITAPE LAYOUT, CHIKHLI ROAD BULDANA, 443001.

PH: +91-9175086447, EMAIL: -info@celfrostgroup.com, Visit Us: www.celfrostgroup.com

<ul style="list-style-type: none"> <li><b>Supply of Door</b></li> </ul>	
1	Single leaf Hermetically Sealed Horizontal Sliding Door with Aluminium Door Profile for positive application uptill +0 degree. PUF Panel Insulation, PCGI sheet thickness 0.6 mm, 100 mm door thickness, for clear opening dimension 1.5 mm Width and 2700 mm Height with C-flushing, Aluminium Wall frame and Counter Wall Frame.
2	Single leaf Hermetically Sealed Horizontal Hinge Door with Aluminium Door Profile for positive application uptill +0 degree. PUF Panel Insulation, PCGI sheet thickness 0.6 mm, 100 mm door thickness, for clear opening dimension 1.5 mm Width and 2700 mm Height with C-flushing, Aluminium Wall frame and Counter Wall Frame.
3	Puf Insulated Double leaf door 1500 X 2100 with D type SS handle, door closer, & lock with view glass
4	Puf Insulated Double leaf door 1000 X 2100 with D type SS handle, door closer, & lock with view glass
<b><u>ITEM CONSIDERED FOR PROPOSED COLD STORAGE</u></b>	
<b>SR. NO.</b>	<b>DESCRIPTION</b>
<b>(CIVIL WORK OF PROPOSED SHED)</b>	
<b>A</b>	<b><u>EXCAVATION / EARTHWORK / FILLING ITEMS -</u></b>
1	Excavation in <b>hard murum</b> including removing the excavated stuff upto a distance of 100 m. beyond battery limit area and stacking and / or spreading as directed, shoring, strutting dewatering wherever required & preparing the bed as directed, including back filling in layers etc. complete
	0.00 - 1.50 M Depth
2	Excavation for foundation in Soft Rock, or disintegrated strata by using manual or mechanical means upto 1.5 m depth below the level of mass excavated level, if any, by chiseling or blasting and stacking the stones in heaps as directed for all lifts and lead upto 301m, dewatering the trenches, shoring if required, stacking the material in the premises, cleaning the trenches for bed concrete, refilling the excavated stuff with ramming, watering and consolidating as directed etc. complete.
	0.00 - 1.50 M Depth

OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.



OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.

BULDANA -ITAPE LAYOUT, CHIKHLI ROAD BULDANA, 443001.

PH: +91-9175086447, EMAIL: -info@celfrostgroup.com, Visit Us: www.celfrostgroup.com

3	Excavation for foundation in <b>Hard Rock</b> , or disintegrated strata upto 1.5 m depth below the level of mass excavated level, if any, by chiseling and stacking the stones in heaps as directed for all lifts and lead upto 301m, dewatering the trenches, shoring if required, stacking the material in the premises, cleaning the trenches for bed concrete, refilling the excavated stuff with ramming, watering and consolidating as directed etc. complete
	0.00 - 1.50 M Depth
4	<b>Filling</b> in the plot area with approved material brought from surplus excavated stuff including re-excavation of stack wherever required, including filling in layers of 30-40 cm, watering, compaction levelling complete. The proctor density of such compacted fill shall be 95% of standard proctor.
5	<b>Filling</b> in the plot area with approved material brought from Outside (Contractors Murum) including re-excavation of stack wherever required, including filling in layers of 30-40 cm. watering, compaction levelling complete. The proctor density of such compacted fill shall be 95% of standard proctor.
6	Laying <b>Dry Rubble Soling</b> 230mm thk, well hand packed and crevices filled with stone chips including binding with murum, ramming with heavy rammer, and watering thoroughly for compaction etc. complete.
B	<u><b>CONCRETE AND R.C.C. ITEMS -</b></u>
1	Providing/laying <b>P.C.C. (1:3:6)</b> with 1.5" machine crushed metal in foundations below footings and bedding with ramming and curing, including providing, fabricating and erecting necessary formwork & de-shuttering etc. complete.
2	Providing & casting in situ cement concrete of grade M20 of trap metal as per detailed designs including dewatering, centering formwork with shuttering ply & steel plates, compacting with vibrators, placing & fixing inserts (viz. plates, pipes for cut outs, anchors), formation of cut outs, chases etc. as per detail drawing and curing complete. (Rate at all heights & levels and excluding tor /mild steel Reinforcement)
	A) Footings
	B) Columns
	C) PB BEAM

**PRICE SCHEDULE FOR COLD STORAGE**

• <b>Price Schedule for Supply &amp; Erection.</b>		
<b>Sr.No</b>	<b>Description</b>	<b>Amount</b>
1	Supply & Erection of PUF Panel for Insulation of Room wall, ceiling with allied accessories Insulated Doors as per the technical specs For Pack house, Precooling & Cold Storage	1,15,00,000/-
2	Supply & Erection of Refrigeration system Comprising of Ref. Piping as per specification and accessories as per the technical specs For Pack house, Pre cooling & Cold Storage	
3	Civil Work for propose Pack House & cold storage as per design	
4	Supply & Erection of Propose Pack house & cold storage pre-engineered building with accessories etc. and erection mezzanine floor, steel grating for 1 <sup>st</sup> floor including erection	
5	Supply & Erection of Pack House line	
6	Material Handling Equipment for raisin cold storage	
7	Pallets For Pack house (500 Pallets)	
8	Supply & Erection & LT Distribution panel, APFC Panel, Internal lighting, street lighting incomer for all control panels, incomers for pack house, and earthing with installation.	
9	Supply & Erection HT distribution panel, Transformer 320 KVA, Liasoning work with installation.	
	<b>Sub Total</b>	
	<b>GRAND TOTAL (GST @18%)</b>	<b>1,15,00,000/-</b>
	Freight up to site shall be	<b>Extra</b>
	Crain ,Scrap folding & Seizer Lift, Loading & Unloading of material shall be	<b>Customer Scope</b>

OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.



OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.  
BULDANA -ITAPE LAYOUT, CHIKHLI ROAD BULDANA, 443001.

PH: +91-9175086447, EMAIL: -info@celfrostgroup.com, Visit Us: www.celfrostgroup.com

**PRICE SCHEDULE FOR COLD STORAGE**

• Price Schedule for Supply & Erection.		
Sr.No	Description	Amount
1	Supply & Erection of PUF Panel for Insulation of Room wall, ceiling with allied accessories Insulated Doors as per the technical specs of Refrigeration system Comprising of Ref. Piping Supply & Erection as per specification and accessories as per the technical specs, Supply & Erection of Propose Pack house & cold storage pre-engineered building with accessories etc. and erection mezzanine floor, steel grating for 1 <sup>st</sup> floor including erection For Pack house	50,000,00
2	Supply & Erection of PUF Panel for Insulation of Room wall, ceiling with allied accessories Insulated Doors as per the technical specs of Refrigeration system Comprising of Ref. Piping Supply & Erection as per specification and accessories as per the technical specs Supply & Erection of Propose Pack house & cold storage pre- engineered building with accessories etc. and erection mezzanine floor, steel grating for 1 <sup>st</sup> floor including erection For Pre cooling	50,000,00
3	Supply & Erection of PUF Panel for Insulation of Room wall, ceiling with allied accessories Insulated Doors as per the technical specs of Refrigeration system Comprising of Ref. Piping Supply & Erection as per specification and accessories as per the technical specs Supply & Erection of Propose Pack house & cold storage pre- engineered building with accessories etc. and erection mezzanine floor, For Cold room	15,000,00
	<b>Sub Total</b>	1,15,00,000/-
	<b>(GST @18%)</b>	20,70,000/-
	<b>GRAND TOTAL</b>	1,35,70,000/-
	Freight up to site shall be	<b>Extra</b>
	Crain ,Scrap folding & Seizer Lift, Loading & Unloading of material shall be	<b>Customer Scope</b>

OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.



OFFICE: - PUNE - PLOT NO. 16 & 17, GAT NO 355, AT KHARABWADI CHAKAN, PUNE 410501.  
BULDANA -ITAPE LAYOUT, CHIKHILI ROAD BULDANA, 443001

PH: +91-9175086447, EMAIL: -info@celfrostgroup.com, Visit Us: www.celfrostgroup.com