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## HITECH COOLING SYSTEMS,

Mfrg & Supply - Industrial & Commercial Refrigeration Cooling Systems, Cold Rooms, Industrial Chilling plants, Instant type Chillers Walkin freezers...

PLOT NO L-7, Near kvc club ,Midc kupwad , Dist – sangli 416436

9890017861, 8275377126

QTN NO – HCS 865  
DATED - 26 -01 -2022

### QUOTATION

To,

**ULE FARMERS PRODUCER COMPANY LTD**

AT POST – ULE

DIST - SOLAPUR

**Sub :- Your requirement of Precooling for Grapes, Green Banana's, & Coldstorage for Grapes, Green Banana's & Dry Raisins**

Respected sir,

We refer to our personal discussion had with you for your requirement of the above. Thank you very much for your enquiry. Based on the information given by you, we are forwarding our quotation as below.

We are pleased to submit our most competitive offer as per the following.

We trust you will find our offer in line with your requirement, in case you require any clarification please feel free to contact the undersigned at your convenience.

Thanking you and looking forward for your valued order.

Your's Truly,

**Mr. SAMEER ALGUR**

Hitech Cooling Systems

MOBILE NO :- +91-9890017861 / 8275377126

E-mail Id :- [hitechsangli@rediffmail.com](mailto:hitechsangli@rediffmail.com)

NAME OF COMPANY	GST NO	BANK	IFSC/RTGS CODE	AC NO CURRENT
HITECH COOLING SYSTEMS	27AGCPA1525E1Z5	ICICI MAIN BRANCH	ICIC0006533	653305054295

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Hitech Cooling Systems, Sangli.

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## TECHNICAL SPECIFICATIONS FOR HCS PRECOOLING & COLDSTORAGE

### GRAPES GREEN BANANA'S

<b>PRECOOLING Room Size External in feet</b>	<b>40' x 15' x 12', 6Tons x 2 Chambers = 12Tons</b>
<b>COLDSTORAGE 1,2,3</b>	<b>40' x 30' x 12', 40Tons x 3Chambers = 120Tons</b>
Required Room Temperature	<b>0 Degc</b>
Incoming temp of Grapes in Precooling	+35Degc
Incoming Temp of Grapes in Coldstorage	0 to +2degc
Product to be stored	Grapes
Refrigeration Capacity for Precooling	46Kw x 1nos, each room(Total 2nos)
Refrigeration capacity for Coldstorage	11kw x 2nos,each room(Total 6 nos)
Pull Down time in precooling	6 to 8Hours
Pull Down time for Coldstorage	To Mantain
Daily Turnover in Precooling	100%
Daily Turnover in Coldstorage	15 to 20%
Compressor	Aircooled Condensing unit with Emerson make compressor
Power kw for Precooling	29kw x 2nos = 58kw
Power kw for coldstorages	6 x 6nos = 36Kw
Refrigerant	Freon R – 404
Refrigerant Evaporation Temperature	-5degc
Refrigerant Condensing Temperature	+50 Deg C
Condenser	Air Cooled Type
Condenser Fan	Reputed Make.
Electrical Power Requirement	415V, 3Ph, 50HZ
<b>PRE FABRICATED PUF PANELS</b>	
Density	40 Kg/M3 +- 2KG CFC Free
Panel Assembly Type	Tongue & Groove
Panel Covering Inner:	Inner /outer GI Pre-coated Sheet
Cold room panel thickness, wall & ceiling	100mm
Flooring	PUFF bare slab 50mm,pcc quota in your scope
Door Cold Room main	Sliding type – 5'.5" x 10' x 80mm x 6nos & double leaf normal door x 1nos for packhouse

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## TECHNICAL SPECIFICATIONS FOR HCS COLDSTORAGE

### RAISINS PULSES TAMARAIND CHILLY

<b>COLDSTORAGE Size External in feets</b>	<b>60' x 22' x 9'(G+1) 200MT x 4 Chambers = 800MT</b>
Required Room Temperature	+5 Degc
Rooming temp	+30Degc
Product to be stored	Raisins
Refrigeration Capacity	14Kw x 2nos, each chamber(Total 8nos)
Pull Down time	48Hrs
Daily Turnover	15 to 20%
Compressor	Aircooled Condensing unit with Emerson compressor
Power kw	7kw x 8nos = 56kw
Refrigerant	Freon R – 404
Refrigerant Evaporation Temperature	0 degc
Refrigerant Condensing Temperature	+50 Deg C
Condenser	Air Cooled Type
Condenser Fan	Reputed Make.
Electrical Power Requirement	415V, 3Ph, 50HZ
<b>PRE FABRICATED PUF PANELS</b>	
Density	40 Kg/M3 +- 2KG CFC Free
Panel Assembly Type	Tongue & Groove
Panel Covering Inner:	Inner /outer GI Pre-coated Sheet
Cold room panel thickness, wall & ceiling	100mm
Flooring	PUFF bare slab 50mm,pcc quota in your scope
Door Cold Room main	Hinged type – 34" x 78" x 80mm x 8nos

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## SCOPE OF SUPPLY

Compressor	EMERSON SCROLL
Compressor Accessories	Like Service Valves, CCH etc, Provided
Condenser	Air Cooled Type with Copper Tubes and Aluminum Fins, and with Fan.
Evaporator STARCOOLERS & HITECH MAKE	Fan Coil UNIT manufactured in Stainless G.i with Aluminium Fins and copper Tubes, of required Surface Area, and the same shall be provided with required size Axial Fans, and with Drain PAN, and required standard Accessories.
Controls	LP/HP Switches, Thermostats, Temperature Controller cum Indicators, etc Provided as required will be Imported make
PLC Based Electrical Panel	Programmable Logic Control (PLC) based Complete Full Function Electrical Panel equipped with Terminal Block, Contactors, Thermal Overload Relays with Single Phasing Preventors, Timer, with Interlocking System. Electrical Wiring from Panel to Motors & Instruments.
Piping (Refrigeration)	For Interconnecting various equipment, Discharge & Suction Line with accessories, 7 Meter Length.
Fans	Required CFM and Quantity for Condenser and Evaporator Coils shall be provided.
Insulation	Suction Line is Duly Insulated.
Freon Gas & Oil	First Charge.
PUF Panels (Walls & Ceiling)	Prefabricated PUF Panels, 100/80mm Thick, with Surface precoated G.I, for walls and ceiling, average of 38Kg/M3 Density complete with Tongue & groove fitting.
(Flooring)	Bare slab (CIVIL WORK CLIENT SCOPE).
DOOR	Door with GI Precoated outer & inner Surface ,Hardware such as Lock, Hinges, Door Closer
Accessories	Installation Accessories shall be provided

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SrNo	Description	Amount
1	Transportation upto your site Complete supply of PUF panels for Grapes , Raisins & Antirooms Flooring PUFF bare slab for Grapes & Raisins Main Door with imported fittings for Grapes & Raisins Refrigeration units for Grapes & Raisins Humidifiers x 5nos for Grapes	
	Quotation price Basic	1,69,32,203
		Gst 18% 30,47,797
		<b>Total with Gst 1,99,80,000</b>
	<b><u>Amount in words :-</u></b> <b>One Crore ninety nine lakhs eighty thousand only</b>	

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## EXCLUDED WORKS AND SERVICES

Items of work listed below are not included in our quoted price :-

1. Provision of 230v/415v 3 phase,50Hz supply within 2 Mtrs of condensing units ending in a suitable MCB & earthing, internal cold room lighting
2. Provision of drain traps at points to be nominated by us
3. Provision of any major or minor civil work, masonry work
4. Provision of suitable platform,stand,shade for condensing unit(outdoor unit)& indoorunit
5. Anything not mentioned specifically in our offer will be provided by you
6. Unloading,shifting & safe storage of puff panels & equipments etc upto our site
7. Crane, to Lift Puff panels, Ref units etc if required
8. Provision of stabilized voltage supply.if voltage problem , pls provide stabilizer
9. Ground 0-0 level before installation of Cold Room.
10. Food, Accomodation
11. Inner Racks if required
12. Bottom Wooden pallet if required
13. Pvc strip, Aircurtain for Door if required
14. If any column/beam required to be covered will be charged extra at actual
15. Ro water provision for Humidifier with Plumbing work,overhead Tank etc

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**Terms and conditions :-**

1. Delivery period within 4 to 6 weeks after confirmation order letter & advance payment
2. **Quotation validity 8 days, as Raw material rates are unstable**
3. Warranty one year from the readiness of material to dispatch or supply of material date, after one year warranty, charges will be charged at actual as per nature of work
4. Does not cover warranty, deterioration or failure of equipment, controls due to corrosive atmosphere
5. Does not cover warranty, damage due to fluctuation in voltage
6. Jurisdiction Sangli.
7. Advance 50%, balance before dispatch
8. Where the payment is not released within 10 days of committed delivery date/intimation of readiness to dispatch, interest will be charged @3% p.m on delayed period
9. There can be minor changes in cold room actual given sizes (measurements) in quotation, because of our die standards
10. If any order or part of the order is cancelled, the same shall be subject to cancellation charges including compensation for costs, expenses and losses incurred by us up to the date of cancellation,
11. Advance - Non Refundable, if you don't pickup the ready material within 30 days, also no excuses will be accepted after 30 days of readiness of material, you should clear the matter yourself from your end if you don't pickup the ready material
12. The condensing units (outdoor unit) should not be placed at the location with the total copper piping length not more than 40 feet and for vertical not more than 15 to 20 feet, if done we will not be responsible for machine (compressor) warranty
13. Above 20 feet of copper pipe, 230Rs per foot will be charged extra
14. Tax invoice & Delivery challans are given along with Driver while dispatch of material, it's your responsibility to take it, you should inform us immediately, or else after 8 days nothing will be considered, same date duplicate copy can be provided, no other date bill can be given
15. Coldroom door openings should not exceed 3 to 4 times per day, or else should inform before order finalization
16. Coldrooms are made for preservation (storage) of products not for batch production, if you want to do so, you have to inform us before finalisation

Thanking you,

Your's Truly,

**Mr. SAMEER ALGUR**

**Hitech Cooling Systems**

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