



# AMULFED DAIRY

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

## PURCHASE ENQUIRY

- Inquiry No** : AFD: PUR: ENQ: 2020: 75, Dated: 8<sup>th</sup> June, 2020
- Description** : Purchase Inquiry for Supply, Installation and commissioning and testing of Continuous Ice Cream Freezer.
- Due Date** : 20.06.2020
- Eligibility Criteria** : The Bidder/Supplier shall have turnover, in each of the last three years, at least Rs. 10 Crore and must have executed, in the last five years at least a contract of similar nature and of value not less than 20 Lac.

### **Technical Specification: As per the Annexure-I**

#### **Submission of Bid** :

The bidder who has downloaded the bidding document from the site, and fulfilling above eligibility criteria eligible for submission of bids in their name only.

- 1.1 The bid shall be submitted through hardcopy/mail/telex before above due date is acceptable.
- 1.2 The Price Break up sheet (in separate sealed Envelope, if send through hardcopy) and technical document shall be submitted at the office address mentioned below in separate cover.
- 1.3 The price Break up sheet should be entitled with reference of "Price Break Up for , Supply, Installation and commissioning, testing of continuous Ice Cream Freezer" of above machineries with separate individual price.

#### **Rights Reserved by AmulFed Dairy (A unit of GCMMF Ltd).**

AmulFed Dairy (A unit of GCMMF Ltd), at its sole discretion and without assigning any reason thereof, reserves the right to accept and / or reject the whole or part of any or all the bids received.

#### **Validity** :

The offer should be valid for 6 Months from the date of tender opening.

#### **Payment terms:**

- 30% Advance against Advance bank guarantee valid for 60 days from actual delivery at site.
- 70% against LC for imported equipments:
  - From that 60% against submission of shipping document within 30 days
  - 10% against acceptance and submission of performance Bank guarantee valid for 12 months from commissioning of the machine,

**Warranty** : 12 months from date of commissioning.

**Amul SAGAR**

Plot No. 35, Nr. India Bridge, Ahmedabad – Gandhinagar Highway, Village: Bhat, Dist.: Gandhinagar, PIN 382 428  
Tel. No.: (079) 23969055 – 58, Fax No.: (079) 23969059  
Website: www.amul.com



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**Contact details:** For any techno-commercial query you may contact Palak Shah (7359001666), or ([E-mail: palak.shah@amul.coop](mailto:palak.shah@amul.coop)) of Purchase department.

Note: Interested and Eligible suppliers are requested to visit AmulFed Dairy with prior approval for detailed understanding of our requirement.

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## Technical Specification

Specification Of Machine	Our Requirement	Remarks Of Vendor
Type Of Freezer	Continuous Ice Cream Freezer	
Capacity-Product	400 LPH Ice Cream With 100 % Overrun & In Respect To Overrun Max. achievable 130%	
Capacity-Cooling In KW Or TR	(1) Composition Of Ice Cream Mix As Well As Sorbet(Water Base)  (2)Cooling Water Utility With Specified Temperature , Pressure & Flow (3)Ice Cream Mix Inlet Temperature (4)Ice Cream Outlet Temperature	
Compressor Refrigerant	R404-A	
Body Structure & Panel MOC	Ss-304 With Anti Corrosive Treatment	
Dahser Cylinder	In Side Hard chrome Plated & Outer Insulation With Non Hazardous Material Free From Microbial Growth	
Food Fgrade Certification	For All Non Metallic Material Like O-Ring ,Seal, Gasket, Mech. Seal	
Hmi & Plc	Latest Siemens Make HMI & PLC	
Vfd Make	Danfoss	
Refergirent Valve & Control Device Make	Danfoss	
Safety & Saftey Interlock Automation	Mech. Rotating Parts With Guards & Safety Interlocking Like HP, LP, Power Phase Sequency, Single Phasing, Overloading Etc..	
Extra Features	(1)Automatic Overrun Control (2)Automatic Viscosity Control	
	(3)Displaying Alaram With Trouble Shootings	
	(4)Equipped With All Analog Device For Cooling Tower Inlet Pressure Gauge, Compressor HP,LP Gauge. Machine Runing Over Meter Etc... (MOC Of Gauge Should Be Stainless Steel)	

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	<p>(5)HMI With Maintenance Scheduling</p> <p>(6) No Operation-Auto Shut Off Of Utility Mainly Air &amp; Cooling Tower Water</p> <p>(7)Porgram Back Up Of Hmi &amp; Plc</p> <p>(8)Equiped With Kwh Meter To Moinitor Specific Power Consumption In M/C</p> <p>(9)With Air Pressure Switch Agnist Low Air Pressure &amp; Booster For Pressure Boosting.</p>	
Compressor Features	Equiped With Anti Freezer Protection Device In Repect To Low Suction Pressure	
Manual Features	<p>(1)Operarting &amp; Maintennace S &amp; Saftery Sop</p> <p>(2)Assembly Drawing Of Spare With All Its Specification</p> <p>(3)Electrical Power &amp; Control Circuit Darwing As Well As Electrical Spare Specification With Detail</p> <p>(4)Mentiontining Of Cip Method With Chemical Cleaning Agent</p> <p>(5)Programe Parameters Of All Vfd</p>	
Utility Requirement	Power,Air Cfm,Cooling Tower Water Flow With Pressure & Temp.	
Condensor Type	Prefer Shell & Tube Type	
Require Aecessories	Condensor Descaling Unit For Descalling Of Condensor	
Filter Require In	<p>(1)Cooling Tower Water Inlet</p> <p>(2)Mix Inlet</p> <p>(3)Air Inlet</p>	
Filteration System For Air	With All Filtration Satge(1)Oil Dust Removal(2)Moisture Removal (3)Off Smell Removal (4)Bacterial Filter	

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