



AMULFED DAIRY

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED
PURCHASE ENQUIRY

Inquiry No : AFD: PUR: ENQ: 2021: 746, Dated: 25.09.2021
Description : Purchase Inquiry for Supply, Installation of Mist Evaporator at AFD.
Qty : 1 Set
Due Date : 12th Oct, 2021

Dear Sir,

You are requested to give your most competitive rates for supply & installation of Mist Evaporator at at Gandhinagar with all the accessories required, as per the annexure attached herewith:

The offer should reach, AmulFed Dairy (A Unit Of Gujarat Co - Operative Milk Marketing Federation Limited.) Plot No. - 35, Near Indira Bridge, Ahmedabad - Gandhinagar Highway, Village: Bhat, Dist.: Gandhinagar. Pin No.382 428.

- The offer should be sent in sealed cover super scribing on the top left hand corner offer for inquiry No. AFD: PUR: ENQ: 2021:746, Dated: 25.09.2021. Offer received after due date for whatsoever reason may be rejected.
- Your offer should be sent through Post/Courier/mail & not by Fax or personally.
- Offer should be valid for acceptance, for 45 days from due date of submission of offer.
- The price should be quoted on F.O.R basis inclusive of packing and forwarding, taxes, excise duties, freight etc. However if it is separate, it should be clearly mentioned in the quotation as per the attached annexure.
- It should cover a warranty of at least one-year against manufacturing defect from commissioning of the plant.
- Realistic earliest delivery period should be indicated.
- It is not binding on us to accept lowest offer.
- Right to reject any or all the offers without assigning any reason is reserved by us.
- Offer which are incomplete or not meeting the conditions or only for part items, are liable for rejections.
- No queries regarding the status of the offer will be entertained at any time.
- The final supplier will be the combined decision of our technical team and management and no reason of final selection will be conveyed to any bidder.
- Payment terms with 30 days credit shall be preferred.
- We are an ISO 14001 certified unit. We follow Eco- friendly processes in our factory & also expect same to be followed in your company.
- GA drawing detailed fabrication drawing and Design calculation is to be submitted along with the offer. Approval from PFP-Mother dairy, Gandhinagar is to be taken before starting the Work.
- Site Address: AmulFed Dairy – Packaging Film Plant, K road, GIDC, Opp. Madhur Dairy, Gandhinagar- Dist: Gandhinagar
- Contact detail: Mr. Palak Shah, Mail: palak.shah@amul.coop, Mob: 7359001666

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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Annexure-I

Technical Specifications

Product	: Atmospheric water evaporator
Type	: Mist type
Application	: Evaporation of treated waste water from ETP
Treated water parameters	: COD <100, TSS<100, pH 7.5 to 8.5, TDS 1500 to 2100 ppm
Working principle	: Atomization of water through jet of water through nozzles and providing forced wind velocity through axial fan
Capacity	: Evaporation of water @ 25-30 KL/day in summer/winter
Operating hours	: 20 hours/day
Location	: AmulFed Dairy Campus, Near Indira Bridge
Major components	: High pressure pump, Spiral Nozzles, Axial Fan, Mounting stand, Electrical panel suitable for outdoor application
Fan static pressure	: 40 mm WC
Fan RPM	: 1440
Approximate air flow	: 12000 m ³ /hr.
Mounting type	: Fixed with 360 degree horizontal manual rotation and 0-45 degree manual upward rotation by screw rotation
Water inlet	: Through treated water discharge pipe
Water pump inlet pressure	: 2.5-3 kg/cm ²
Water pump outlet pressure	: Suitable for generating mist (minimum 10 kg/cm ²)
Water pump flow	: Suitable for evaporating 1.4 m ³ /hr water, considering rate of evaporation
Water pump type	: Vertical, multi stage
Throw distance	: > 10 meters
Water droplet size	: within 700 micron
No of nozzles in fog canon	: To be designed by manufacturer
Type of nozzle	: Cone spiral
Warranty	: One year from the date of installation

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MOC and make of major components shall be as per table below

Sr. No.	Component	MOC	Make
1	In let air vane	MS/GI, painted	
2	Fan drum	Heavy gauge MS sheet at least 12 gauge, Painted	
3	Fan rotor	Aluminum	
4	Fan motor	IE 3 rating	CG/BB/Havels/Equivalent
5	Fan duct	SS 304, minimum 22 Gauge	
6	Structure for horizontal and vertical rotation	MS IS 2062, painted	
7	Water distribution ring	SS 304	
8	Electrical panel	MS powder coated, IP 66 enclosure	
9	Water pump	SS wetted parts, SS 304 sheet metal impeller, pump inlet should have 300 micron filter	Grundfos/Lubi/CRI
10	Water nozzles	Brass/Teflon	
11	Pump inlet piping	SS 304	
12	Foot valve and NRV	Brass and SS 304	

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