



AMULFED DAIRY

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

Inquiry No : **AFD: PUR: ENQ: 2022: 359, Dated: May 11, 2022**

Description : **Purchase Inquiry for Supply Installation of Air Compressor with refrigerant air dryer.**

Qty : **1 Nos.**

Last Date for vendor registration in our Purchase Portal: 17.05.2022 before 4:00 PM

Last date for submission of Techno commercial bid: 02.06.2022 before 4:00 PM

Dear Sir,

You are requested to give your most competitive rates for supply of Air Compressor with refrigerant air dryer at Gandhinagar (PFP Gandhinagar, Sector 25, K Road, Gandhinagar), as per the annexure attached herewith:

Procedure to participate in above inquiry:

- 1) All the interested bidders have to participate in the inquiry through our purchase portal by registering your firm as a new vendor (if your firm already have registration in our PP, than you have to login to your account and request AFD to send RFQ).
- 2) Interested bidders have to registered your firm in our Purchase portal .
 - a. Website for our portal is as >>>: <http://afdpurchase.amul.in/>
 - b. Click Here for Circular from AFD : [Click Here](#) for circular
- 3) Click Below links for Guidelines :
 1. [Guide for VRF - Other than MANUFACTURERS](#)
 2. [Guide for VRF - MANUFACTURERS](#)
- 4) Offer through mail/hardcopy are not accepted and stand for rejection, your competitive bids should be submitted through our online portal only.
- 5) Detail technical specification is as below for your reference.
- 6) Interested bidders have to submit their technical specification/detail first, after technical evaluation/approval based on the below requirement, bidders will invited for submission of commercial bid.
- 7) For any query please contact Mr. Palak Shah (Mobile-7359001666, E-Mail-palak.shah@amul.coop)

Encl: Annexure-I-Technical Specification

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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TECHNICAL SPECIFICATIONS

Specification

Oil Free, Class "0" certification, air cooled screw compressor, two stage, equivalent to Atlas copco ZT 90 VSD (Variable Speed Drive) , having FAD of 500 CFM, 8.6 Bar, 90 KW, ABB/ Siemens inverted duty motor, 400 V +/- 6-10 %, 50 HZ +/- 3 %, Ambient temperature consider 42-45 Deg. C. Included with 4000 hours maintenance service kit. 2 years of warranty on major parts- HP & LP elements, motor & VFD of compressor

Type

Oil Free screw compressor, Class "0" certification, Air cooled screw compressor.

Recommended make

ATLAS COPCO/IR/Equivalent

Specification for Air dryer

Air Dryer, Refrigerant Type, having Dew point + 3 Deg. C, minimum design 850 CFM. Equivalent to Dryer Model No FD510, or D1890 IN-iA

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Technical Details for Air compressor

Sr. No.	Description	
1	Model	
2	Maximum Working Pressure	
3	Working pressure	
4	FAD Capacity delivered	
5	Capacity Range @ working pressure	
6	Ambient temperature consider	
7	Air Out let temperature	
8	1 st Stage Outlet temperature	
9	2nd Stage Inlet Temperature	
10	2 nd Stage Outlet temperature	
11	Bearing Oil temperature(operating)	
12	Motor	
13	Fan Motor Power	
14	Motor Type	
15	Enclosure/Insulation Class	
16	Make	
17	Volts/Ph/HZ	
18	Compressor Length	
19	Compressor Height	
20	Compressor Width	
21	Compressor Weight	
22	Intercooler Tube MOC	
23	Aftercooler Tube MOC	
24	Motor Efficiency	
25	Shaft Power at full load	
26	Number of Stage	
27	Number of Permissible Motor Starts/Stop	
28	Type of Regulation	
29	Sound level	
30	DCS connectivity	
31	Discharge Air connection size in MM	
32	Safety Protections list with max allowable limit	
33	VFD make	
34	maximum allowable VFD Heat sink temperature	
35	Remarks	

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Technical details for Refrigerant Air Dryer.		
Sr. No.	Description	
1	Model	
2	Air Dryer Type	
3	Working Pressure	
4	Dew Point(Shall be 3-4 PDP)	
5	Maximum Working Pressure	
6	Refrigerant	
7	Inlet Air temperature	
8	Ambient Temperature	
9	Electrical power Supply	
10	Air connection (IN/OUT)	
11	Weight	
12	Nominal Power	
13	Dimension HxWxL	
14	Feature	
15	Design CFM (Design Minimum CFM 850 and above)	

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Offer should include

List of Spare for next five years for Air dryer

1	List of Spare for next five years	Part No/ service Kit no.	Spare Cost/ service Kit (Rs.)(A)	Service cost / Engineer visit cost(Rs.) (B)	Total Cost (Rs.) (A+B)
	1st Year				
	a				
	b				
	c				
	d				
	2nd Year				
	a				
	b				
	c				
	d				
	3rd Year				
	a				
	b				
	c				
	d				
	4th Year				
	a				
	b				
	c				
	d				
	5th Year				
	a				
	b				
	c				
	d				
	TOTAL COST (Rs.)				

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