



**Gujarat Cooperative Milk Marketing Federation Ltd, Anand
AmulFed Dairy (Previously known as AmulFed Dairy)**

Plot No. 35, Nr. Indira Bridge,
Ahmedabad-Gandhinagar Highway
Village: Bhat, Dist: Gandhinagar
Gujarat, India-382428

Request for Bid (RFB) for **“Purchase Inquiry for Supply, installation and commissioning of 50
KLPH Separator with Auto Standardization Unit”**as per given scope of work.

AFD: PUR: ENQ: 2021: 593





AMULFED DAIRY

(A Unit of Gujarat Co-operative Milk Marketing Limited)
Plot No. 35, Near Indira Bridge, Ahmedabad-Gandhinagar Highway
Village - Bhat, Dist - Gandhinagar - 382428
Phone : +91-79-3969055/56 Fax : +91-79-3969059

We invite sealed bids from eligible bidders for the following works: “**Purchase Inquiry for Supply, installation and commissioning of 50 KLPH Separator with Auto Standardization Unit**” as per the scope of supply mentioned in the Inquiry.

Bid Reference	AFD: PUR: ENQ: 2021: 593
Bid Start	Starts from 29.07.2021
Submission	Up to 02.00 pm of 19.08.2021
Completion period	8 months
EMD (Rs. in Lac)	5.00

Eligibility Criteria

- 1) Bidder should be having minimum 5 numbers of successful installations of similar nature (separator above 30 KLPH) working in India.
- 2) The Bidder/Supplier shall have turnover, in each of the last three years, at least Rs. 30 Cr and must have executed, in the last five years at least a contract of similar nature and of value not less Rs. 2 Cr.

Technical Specification : As per the Annexure-I

Bid Security:

1. All bids must be accompanied by bid security (Earnest Money Deposit – EMD) in the form DD or RTGS/Fund Transfer. The bids not accompanied with EMD shall be summarily rejected. The bid security shall be denominated in Indian Rupees of value as specified and shall be in the form of Demand draft or RTGS/Fund Transfer to below specified account in favor of AmulFed Dairy (A unit of GCMMF Ltd), payable at Ahmedabad.

The Bid security may be forfeited if

- ❖ A bidder or supplier withdraw its bid during the period of bid validity specified by the bidder/ supplier on the bid form or
- ❖ In case of successful bidder/ supplier, if the bidder/ supplier fails to sign the contract.

2. Bank Detail for RTGS:

AmulFed Dairy, Gandhinagar (A unit of GCMMF Ltd)

HDFC Bank A/c. No: A/c. No. **00060310001593**

Branch Code: 0006 (NAVRANGPURA BRANCH)

Bank AD Code : 0510007-5700009

Swift code : HDFCINBB

IFSC Code : HDFC0000006

Submission of Bid :

Bidders fulfilling above eligibility criteria eligible for submission of bids in their name only.

- 1.1 The bid shall be submitted through hardcopy before above due date is acceptable.
- 1.2 The Price Break up sheet (in separate sealed Envelope) and technical document shall be submitted at the office address mentioned below.
- 1.3 The price Break up sheet should be entitled with reference of "Price Break Up for, **Purchase Inquiry for Supply, installation and commissioning of 50 KLPH Separator with Auto Standardization Unit**".

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

AmulFed Dairy (A unit of GCMMFLtd), 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 Bid opening.

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

Technical Specification & Scope of Supply

Skim Milk Separator with Auto Standardization Unit	
Capacity	50 KLPH for skimming, Self cleaning, Tri purpose, auto desludge
Max Capacity	55 KLPH for standardization
Quantity	1 set with standardization unit
Raw Milk FAT/SNF %	Fat- 6.5% max, SNF- 9.3 % max, Mix Milk at 50000 LPH flow rate
Raw Milk feed Temperature	50- 55 C
Raw Milk Feed pressure	Max 1 bar shall be provide (If required more pressure, all arrangement in bidders scope)
Skim milk fat%	Bidders to specify with respect to running hrs of machine after CIP
Cream Fat%	40%. Bidders to specify with respect to running hrs of machine after CIP
Bowl	Self Ejection with hydraulic operation
Drive	Integrated (Direct) drive with VFD without clutch and gear (Give option of all drive)
Main Motor	IE 3 with VFD
Product Connection	Complete union (Male and female) as per bidders standard
Useful Discharge Pressure at skim milk side	Bidders to specify
Useful Discharge Pressure at Cream side	Bidders to specify
Controls/Safety interlocks required	Vibration, air pressure, water pressure/ flow, lubrication monitoring, cooling monitoring, etc. Bidders to specify all detail
Accessories and control system	Seimens PLC S7 300 with HMI and all controls/ interlocking of machine with profibus communiacion. Hook up and Communicatin with exsiting automation shall be bidder's responsibility.
	Electrical/ Pneumatic/ Automation hard ware and software interconnection between machine panels shall be bidders scope.
	Automatic back pressure monitoring and control is required
	Complete electrical SS panel with VFD
	All panels shall be of SS
	Template of foundation frame
	Complete set of tools
	Soft copy and hard coy of All mechanical, electrical and instrumentation drawings
	Soft copy and hard copy of all Dimensional drawings
	One Complete set of of commissioning spares. Bidders to specify the detail

	Soft copy and hard copy of operational and maintenance manuals
Standardization Unit	Fully automatic
Accuracy of Standardized Milk	+/- 0.02 with respect to set point irrespective of inlet fat%
Accuracy of Standardized Cream	+/- 0.25 with respect to set point irrespective of inlet fat%
Min and Max milk fat can be standardized	Bidders to specify
Min and Max cream fat can be standardized	Bidders to specify
Excess cream flow measurement	Shall require
1. Installation and commissioning, Loading-Unloading, shifting, positioning at site	Bidders scope.
Performance criteria	It shall be consider as per detail provided by Bidders
Delivery	Delivery of foundation frame with template shall be earlier than main machine.

Warranty: 24 months from date of commissioning

Payment term for the Inquiry:

Payment for supply, installation and commissioning contracts must be strictly as below:

- 1) 20% advance of total contract value (Supply + Erection & Commissioning) on submission of following:
 - (i) Acceptance of the order i.e.
 - a. Submission of the Duplicate copy of the order duly signed by the authorised signatory putting stamp of the Organisation.
 - b. Against a bank guarantee for equivalent amount valid for 60 days beyond the stipulated delivery (as per schedule of delivery/supply)/ completion period.
- 2) Payment against Supply and erection of equipments/material:
 - a. 65% progressive payment of supply value against safe receipt of goods at site.
 - b. 65 % payable on erection value on progression of erection within 30 days.
- 3) 15% balance payment within 30 days of satisfactory commissioning of the Tanks. On submission of:
 1. The Performance Security shall be in the amount of 15% of the Contract price up to sixty days after the date of completion of performance obligations including warranty obligations.

Notes: a) Payment shall be made on complete supply of an item/group of items specified in the contract. No payment specified in the contract. No payment shall be made if supply of an item/group of items is incomplete.

b) For all the payments to be made against bank guarantees, The Bank Guarantees should be obtained from Nationalized Bank or ICICI Bank, HDFC Bank, IDBI Bank, Kotak Mahindra Bank or acceptable Bank by AFD.

Liquidated Damages

Bidder/Supplier fails to deliver any or all of the Goods or perform the Services within the time period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages as under:

a. For the Supply Component:

A sum equivalent to **0.5%** of the delivered price of the delayed goods (As per the price break up furnished by the supplier and accepted by the Purchaser, which the supplier fails to supply within the time period specified in the contract for each week of delay.

b. For the Erection and Commissioning Component:

A sum equivalent to **0.5%** of the un – executed portion of each week of delay or part thereof beyond the time specified in the contract for the successful completion of the plant.

The total amount so deducted as per above, shall not exceed **5%** of the Contract value. Once the maximum is reached, the Purchaser may consider termination of the Contract.