



**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 “**Design, Supply Installation, Testing and Commissioning (DSITC) of Bucket filling (1Kg to 5Kg) machine for curd milk**” as per given scope of work.

AFD: PUR: ENQ: 2024: 94





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: “**Design, Supply Installation, Testing and Commissioning (DSITC) of Bucket filling (1Kg to 5Kg) machine for curd milk**” as per the scope of supply mentioned in the Inquiry.

Bid Reference	AFD: PUR: ENQ: 2024: 94
Bid Start	Starts from 05.02.2024
Bid Submission	Technical Submission up to 19.02.2024 before 4.00 PM
Last Date for Bid Submission & Opening	26.02.2024 before 4.00 PM
Completion period	5 months
EMD (Rs. in Lac)	0.25

Eligibility Criteria

- 1) Bidder should be having minimum one successful installations of similar nature (Bucket Filling machine for Fermented product like-Curd, Lasse, Yoghurt etc.) working in India.
- 2) The Bidder/Supplier shall have turnover, in each of the last three years, at least Rs. 2 Cr and must have executed, in the last five years at least a contract of similar nature and of value not less Rs. 25 Lacs.

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.
- ❖ EMD will be converted to Security Deposit (SD) on successful award of contract and it will be released after commissioning.

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

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, then 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/>
- 3) Offer through mail/hardcopy are not accepted and stand for rejection, your competitive bids should be submitted through our online portal only.
- 4) Detail technical specification as per Annexure-I for your reference.
- 5) Interested bidders have to submit their technical specification/detail first, only after technical evaluation/approval, bidders will be invited for submission of commercial bid.
- 6) Submitted commercial bid were open in presence of bidder's representative/ through online meeting.

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 120 days from the date of Bid opening.

Contact details: For any techno-commercial query you may contact Yogendra Sodha (7046036777), or (E-mail- yogendra.sodha@amul.coop, bharat.naik@amul.coop) of Purchase department.

Technical Specification & Scope of Supply (Annexure-I)

Particulars	
Capacity	2 MT per hour
Product	Curd milk
Packing Size	1Kg to 5Kg
Turn table	SS turn table suitable to handle the require capacity
Geared Motor	SEW/Nord
Air rinsing	Servo mechanism for air rinsing with vacuum with garbage collection with FR system (Festo)
UV Chamber	UV light (Philips) 2 light with guard for require length
Filling unit	Require servo filling system with 6 nozzles
HEPA filter	require for filling station
Balance tank	As per OEM standard, Without sharp edge, with proper level sensor
Level switch	IFM, E&H
Servo motor	Delta
Servo drive	Delta
Angle valve	Burkert
Nozzle	Diving nozzle with no dripping
Flexible pipe	Food grade with Triclover clamp
Machine Design	Sanitary type (Enclosed and proper CIP able without manual intervene)
Filling Accuracy	+/- 0.5%
Sample size for accuracy	300 continuous bucket data
Bucket dimension	As per AFD dimension
Filling Temp	38°C to 45°C
CIP temperature	up to 90°C with 2%lye and acid
Working/ Ambient Temp of machine	Ambient (Temp of surrounding will high during CIP time)
Parts in product contact	SS316/SS 316L
Rest of parts	SS304
Filling system	Servo
Lid placement unit (1kg to 5kg)	Lid magazine with automatic lid placement on the filled bucket adjustable/changeable for different size
Lid pressing unit (1kg to 5kg)	Automatic lid pressing machine for proper fitting of the lid on the filled dahi bucket. Place require on belt to print on lid and adjustment of printer. It shall be adjusted as per variants
Conveyor	SS slat conveyor with adjustable speed except lid pressing unit
Safety & Control devices	Through RCCB

Utility Requirement	Power (415 V)
	Water
	Steam
	Air (6 Bar)
Spares / Parts	for 2 years with list & part number
Ideal Running Hours	To be provided by OEM
GA Drawings	To be provided by OEM
Necessary certification / validation of milk / product contact parts	from OEM
Service Backup details	Within 24 hours
List of Installation in India	Similar installation in Amul group- Installed in Gujarat
Machine Programmed with separate Hardware	Yes
Interfacing with centralized Skada system	Yes
Service cover	4 service in a year for two years
Pneumatics	Festo/SMC
Electric parts	Schinder, L&T
HMI	Delta with protected cover (SS frame)
Photocells	Sick / Pepperal + FUCHS
Alarm lamp	SCHNEIDER
Machine design	Covered with Acrylic sheet with SS frame
Ethernet IP facility	Require
Digital Counter	For filled bucket (Selec)
Motor Direction	Top mounted
Level control	Through actuator (Festo/SMC)
Pneumatic and Eclectic Panel	Separate
Manuals	3 Set of manuals in hard copy as well as soft copy
Discharge Conveyor and table	Dimension To be specify by OEM which should enough to handle define capacity
Training	Require for Operation and maintenance
Electric push button	Schenider
Cable	LAP/Polycab
Available area for machine	7m x 3 m

Specification 1Kg Bucket with Lid & Handle:				
Sr. No.	Particular	Pail	Lid	Handle
1	Weight (Gms)	43	10	2
2	Raw Material	PP		
3	Total Weight (Gms)	55.0 +/- 5%		
5	Max. outer diameter (mm)	132+/-2	128.5	
6	Bottom diameter (mm)	105+/-2		
7	Height (mm)	130+/-2	9	
8	Overflow Volume (mL)	1290		
9	Printing	IML printing in bottom & lid as per our approved design		

Specification 2Kg Bucket with Lid & Handle:				
Sr. No.	Particular	Pail	Lid	Handle
1	Weight (Gms)	63	17.5	3
2	Raw Material	PP		
3	Total Weight (Gms)	83.5 +/- 5%		
5	Max. outer diameter (mm)	160+/-2	157+/-2	
6	Bottom diameter (mm)	132+/-2		
7	Height with lid (mm)	160+/-2	8.75+/-1	
8	Overflow Volume (mL)	2530		
9	Printing	IML printing in bottom & lid as per our approved design		

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:

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: 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.