



**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, Integration, Testing and Commissioning (DSITC) of Screw feeder with hooper for existing 200gm / 50gm butter tub machine at AmulFed dairy, Gandhinagar**” as per given scope of work.

AFD: PUR: ENQ: 2025: 377





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, Integration, Testing and Commissioning (DSITC) of Screw feeder with hooper for existing 200gm / 50gm butter tub machine at AmulFed dairy, Gandhinagar**” as per the scope of supply mentioned in the Inquiry.

Bid Reference	AFD: PUR: ENQ: 2025: 377
Bid Start	Starts from 05.06.2025
Technica Bid Submission	Technical Submission up to 12.06.2025 before 4.00 PM
Last Date for commercial Bid Submission	17.06.2025 before 4.00 PM
Completion period	2.5 months
EMD (Rs. in Lac)	0.25

Eligibility Criteria

- 1) Bidder should be having minimum one successful installations of similar nature working in India.

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.

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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, bhargav.kanabar@amul.coop) of Purchase department.

200gm/50gm Tub machine BUTTER HOOPER / FEEDER

(Including Hooper, twin screw, compensator, SS316L, gear motor with variable speed competency)
(Existing butter packing machine capacity 20-30 tubs / minute, 50 kg to 400 kg butter packing/ hour)

Technical Data Sheet	
Equipment	: Screw Feeder with hooper
Type	: Twin Screw - variable pitch, variable diameter
Application	: Butter Feeding to 50gm/200gm existing tub machine
Material of Construction	
Wetted parts	: SS 316 L (Product contact area)
Non wetted parts	: SS 304 (non-product contact area)
Sandblasting	: YES, at inside and both screw
Gaskets / O rings	: Food grade / food safe
Sealing	: Suitable / Teflon bushes
End bushes	: Suitable / Teflon
Cleaning	CIP
Product feed	From Side not top
Augur / Screw	Without overlapping and taper for proper feeding
	Manual Provision for forward and reverse direction
Drain	Free moisture drain area/ gap required with drain line
Constructional Details	
Hopper Capacity	: Suitable for sufficient buffer holding for existing packing machine continues online product feeding without any weight variation in final packed product. or (Approx. 80 Ltrs.- Capacity vendor has to decide without affecting packing machine performance)
Screw Diameter	: Suitable or Max. = approx.160 mm
	Suitable or Min. = approx. 90 mm
Variable Pitch	: Suitable or Max. = Approx. 190 mm
	Suitable or Min. = Approx. 110 mm
Variable Speeds	
Min. Operating Speed	: Suitable or Approx. 5 rpm
Max. Operating speed	: Suitable or Approx. 26 rpm
Flow / rev.	: Suitable or Approx. 1.1 L
Outlet End Connection	: Suitable or Approx. 6" pipe or as per AFD requirement

Outer Dimensions	: Suitable or Approx.: L 1450 mm x W 600 mm x H 550 mm
GA Drawing	Required

Manual	Required
Piston Compensator	: For Precision pressure controller to avoid online weigh variation
	Compensation Tube Dia: 100 mm or Suitable
Mounting	: Table type structure mounting – TBD (SS Frame)
Media Level Sensor	: IFM
Drive System	: Main Drive: Suitable & Competent
	Power: Suitable & Competent
	Output Speed: Suitable & Competent
	Output Torque: Suitable & Competent
	Make: SEW, Germany
	Timing Gear unit: Suitable & Competent
	Coupling: Suitable & Competent if required
	Construction: Detachable
Structural Finish	: Wetted / Non-Wetted: Glass bead
Control Panel	: Wall Mounted
	: SS 304 enclosure, Hofmann ,600 x 600 x 300 mm
	: Suitable or Hofmann ,600 x 600 x 300 mm
	: VFD: Delta
	: Switchgear - Schneider / standard
SAFETY	: Product and Human safety required, Nearby area Emergency switch
	Hooper transparent top cover required
	Gear/Motor safety cover required, Rotational part safety cover required
CIP	: Competent for better CIP (Manual / Auto)
Spares	: Consumable spares for 1 year
Payment Terms	: 30% against delivery of Goods 70% after successful commissioning of work

NOTE	: Vendor has to visit plant for better and clear understanding of requirement before technical or commercial quote for better execution of work
Existing Hooper photos	Attached

