



**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 PET bottle (1L / 500ml) filling machine for milk/buttermilk**” as per given scope of work.

AFD: PUR: ENQ: 2024: 441





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 PET bottle (1L / 500ml) filling machine for milk/buttermilk**” as per the scope of supply mentioned in the Inquiry.

Bid Reference	AFD: PUR: ENQ: 2024: 441
Bid Start	Starts from 17/06/2024
Bid Submission	Technical Submission up to 24/06/2024 before 6:00 PM
Last Date for Bid Submission & Opening	01/07/2024 before 4:00 PM
Completion period	5 months
EMD (Rs. in Lac)	0.40

Eligibility Criteria

- 1) Bidder should be having minimum one successful installations of similar nature working in India.
- 2) The Bidder/Supplier shall have a 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 than Rs. 25 Lacs.

Technical Specification : As per the Annexure-I

Bid Security:

All bids must be accompanied by bid security (Earnest Money Deposit – EMD) in the form DD or RTGS/Fund Transfer. The bids not accompanied by 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.

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 must 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 register your firm in our Purchase portal.
 - a. Website for our portal is as >>>: <http://afdpurchase.amul.in/>
- 3) Offers through mail/hardcopy are not accepted and stand for rejection, your competitive bids should be submitted through our online portal only.
- 4) Detailed technical specification as per Annexure-I for your reference.
- 5) Interested bidders must submit their technical specification/detail first, only after technical evaluation/approval, bidders will be invited for submission of commercial bid.

Warranty: 24 months from date of commissioning

Payment term: -

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

- 1) 20% advance of total basic value of contract (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: (with 100% taxes)
65% payment of supply value within 30 days on safe receipt of goods at site
- 3) 15% balance payment within 30 days of satisfactory commissioning of machine. 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.

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.

Annexure-I

TECHNICAL SPECIFICATIONS OF AUTOMATIC BOTTLE FILLING LINE-FOR MILK / Butter Milk		SUPPLIER SHOULD PROVIDE THEIR DATA
Description	AFD specifications	Vendor confirmation / Remarks
Product	Milk and butter milk	
Direction of Movement	Left to Right	
Machine Body	Complete SS-304 including Leg and other Structure of Machine-12mm, L-100MM	
Number of head/Nozzle	6 Nos	
Speed	25 to 30 Bottle per Min for 1 lit, 35 to 40 bottles per min for 500 ml	
Size	500ml /1000ml With Required Recipe	
Bottle material	PET	
Bottle Dimension	D-85+/-1.2 mm, Height-245mm+/-1.2	
Container Neck Diameter**	38mm	
Turn Table	SS-304	
Bottle Rinser- Servo Operated	Positive (Pressurized) Air Pressure and Vacuum Cleaning with Diving Nozzle & Vacuum Gauge	
Ink Jet Printer Stand	We will provide Printer, but Vendor shall provide its Mounting stand	Printer location shall set in such a way bottle will not stop at the time of printing
Fill Control	Servo and PLC control thro HMI with Gear Pump	
FILLING ACCURACY	+/- 3 gm for 1 lit and +/- 2 gm for 500ml	
Filling Nozzle	Foam Free (Drip Free) Disposal of Product- DIVING Nozzle & Product Recovery and gradually opening of filling valve to avoid foaming (Provision require for HEPA filter)	
Hose Pipe	Food Grade (Certificate Required)	
Pneumatic actuator for filling	Spirax (Forbes Marshall)	
Product Contact Part or Valve	SS-316L, FOOD GRADE CERTIFICATE REQUIRED (STANDARD MAKE)	
Balance Tank	SS -304 with automatic level control system (Level switch-IFM) With L type connector	

Salient Feature	No Bottle - No Filling & No Bottle-No Capping	
Salient Feature	Acrylic Close cabinet of Machine with SS framing to all side	
Capper Unit	Relevant with machine and Inline system with vibrator	
Electrical supply	3 phase - Neutral with Necessary protection & Human Safety (RCCB in Main Supply)	
Electrical load	As minimum possible	
Air Pressure	will Provide 6BAR	
control panel	Separate Control Panel-SS-304 with Proper Earthing- With thickness-2MM (No Extra Hole)	
sensor	P&F or Omron with Adjustable Stand and protective cover	
pneumatic items	FESTO	
SERVO AND PLC-MAKE	DELTA	
HMI	Delta (Protective acrylic cover with ss framing)	
GEAR BOX & MOTOR	Bonfinglioli-Vertical in Position with Proper Cover with VFD controlled	
Conveyor	SS Slate Type	
ELECTRICAL SWITCHGEARS	L&T/Siemens	
ELECTRICAL SWITCHES	Schneider	
Cable & Wires	KEI/ RR Cabel/LAPP/Finolex	
CIP SYSTEM	Close Loop with water recovery Facility- 5KG PRESSURE TESTING (Flexible tank and pump on movable trolley)	
SAFETY GUARDS	Covers for Gear Box/Motor and other Moving OR Rotating Parts, with door safety system	
Gear BOX Position & Make	Vertical Mounting (Motor on Top) == BONFINGLIOLI	
Electrical Diagram & Manuals	Required 2 SETS and one set of soft copy	
Program	Require in separate pen drive	
Service	Minimum 4 service in a year for 2 years	
Spare	Spare list and consumable spares for two years	
Tray	SS removeable tray below conveyor	

REQUIRED DATA OF BELOW LIST
Height of Conveyor**
Machine Dimensions**
GA DRAWING OF ALL UNIT OF MACHINE INCLUDING ITS MAIN BODY
SS Sheet and Structure details

NOTE:	1) We have a semi-automatic web sealer for the application of shrink film on bunch of PET bottles. Vendor must synchronize both the machine (at the end of filling line).
	2) Considering space constraint, arrangement of machine shall remain in "L" Shape or "C" shape