



**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 (Including unloading at Site), 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: 757





## 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: 757
Bid Start	Starts from 13/11/2024
Bid Submission	Technical Submission up to 25/11/2024 before 4:00 PM
Last Date for Bid Submission & Opening	02/12/2024 before 4:00 PM
Completion period	2.0 months
EMD (Rs. in Lac)	0.50

### Eligibility Criteria

- 1) Bidder should be having minimum one successful installations of similar nature 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:

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) 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 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](mailto:yogendra.sodha@amul.coop), [bharat.naik@amul.coop](mailto:bharat.naik@amul.coop) ) of Purchase department.

## Annexure-I

<b>TECHNICAL SPECIFICATIONS OF AUTOMATIC BOTTLE PACKING LINE-FOR MILK/Butter Milk</b>		<b>SUPPLIER SHOULD PROVIDE THEIR DATA</b>
<b>Description</b>	<b>AFD specifications</b>	
Product	Butter milk	
Direction of Movement	Left to Right	
Machine Body	Complete SS-304 including Leg and other Structure of Machine-12mm, L-100MM, No Drilling/holes in main structure.	
Number of head/Nozzle	8 Nos	
Speed	Min. 40 Bottle per Min for 1 lit	
Size	500ml /1000ml	
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, waste collection system require at the end of vacuum system	
Ink Jet Printer Stand	We will provide Printer, but Vendor shall provide it's 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 required for HEPA filter assembly)	
Diving nozzle movement	Through servo	
Hose Pipe	Food Grade (Certificate Required), Molded with TC clamp	
Pnuematic actuator for filling	Festo	

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, It must be work in Foaming condition.	
Balance Tank	Without any sharp edge (Volume shall be discussed during detail engineering)	
Salient Feature	No Bottle - No Filling & No Bottle-No Capping	
Salient Feature	Acrylic Close cabinet of Machine with SS framing to all side, acrylic sheet thickness shall be 10mm	
Capper Unit	Relevant with machine and Inline system with vibrator. From the top side openable and unbreakable cover requires to avoid any foreign matter in device. If the bottle is stuck, then the capper unit must stop.	
Star wheel	SS 304, (Bottle gripper system) should be in such a way that bottle should not twist.	
Electrical supply	3 phase - Neutral with Necessary Protection & Human Safety (RCCB in Main Supply), Control wiring 24V DC	
Electrical load	As minimum possible	
Air Pressure	will Provide 6BAR, Air pressure digital switch required	
control panel	Separate Control Panel-SS-304 with Proper Earthing- With thickness-2MM (No Extra Hole), Panel door lock SS	
sensor	P&F (will provide model number) 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, Conveyor should be easily cleanable (side support with cutout). The conveyor bottle holder should be easily openable and cleanable	
ELECTRICAL SWITCHGEARS	L&T/Siemens	
ELECTRICAL SWITCHES	Schneider	
Cable & Wires	KEI/ RR Cabel/LAPP/Finolex	
CIP SYSTEM	Close Loop with water recover Facility-5KG PRESSURE TESTING (Flexible tank and pump on movable trolley). All CIP solution come from nozzle shall go in CIP return tank. CIP retun tank shall have level switch	
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	
Programme	Require in separate pen drive	
Service	4 service in a year for 2 years	
Spare	Spare list and consumable spares for two years	
Tray	SS removeable tray below conveyor	
OEM Profile	Suppliers shall have supplied same or higher capacity of machine anywhere.	

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

NOTE:	1) Considering space constraint, arrangement of machine shall be done in AutoCAD drawing before finalization.
	2) Supplier must ensure sanitary design (No product shall remain/stuck anywhere in the machine. All parts shall be cleanable easily.) Machines shall not open to avoid any foreign matter from top side. It shall discuss during detail engineering)