



**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 (FOR Site Basis), Installation, Testing and commissioning of Ice Cream Cone filling Line (Mega Cone) machine with dedicated hardening tunnel against buy back of existing hardening tunnel with all accessories" on Turnkey basis . "as per given scope of work.

AFD: PUR: ENQ: 2022: 15





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 (FOR Site Basis), Installation, Testing and commissioning of Ice Cream Cone filling Line (Mega Cone) machine with dedicated hardening tunnel against buy back of existing hardening tunnel with all accessories on turnkey basis**” as per the scope of supply mentioned in the Inquiry”.

Bid Reference	AFD: PUR: ENQ: 2022: 15
Bid Start	Starts from 08.01.2022
Submission	Up to 02.00 pm of 7.02.2022
Bid Opening	07.02.2022 at 2.30 PM
Completion period	6 months
EMD (Rs. in Lac)	2.00

Eligibility Criteria

- 1) Bidder should be having minimum 5 numbers of successful installations of similar nature (Cone filling line with hardening tunnel) working in India.
- 2) The Bidder/Supplier shall have turnover, in each of the last three years (2018-19, 2019-20, 2020-21, at least Rs. 5 Cr and must have executed, in the last five years at three contract of similar nature and of value not less Rs. 1.5 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, "**Design, Supply (FOR Site Basis), Installation, Testing and commissioning of Ice Cream Cone filling Line (Mega Cone) machine with dedicated hardening tunnel against buy back of existing hardening tunnel with all accessories**".

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

AmulFed Dairy (A unit of GCMMLtd), 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.

Scope of Supply

Specification Of Cone Machine

Sr. No	Technical Specifications	Requirement
1	Capacity	6000 cone/hour
2	Heat Seal	Required
3	Machine Type	Linear
4	Machine Body	Complete SS
5	Contact Parts	AISI 304 Food Grade
6	Filling Volume	150 ml
7	Filling Type	Time Lapse System
8	Lid Loader	Auto
9	No. of Lanes	As per capacity
10	Filling Nozzles	Capable of Filling ice cream with nuts
11	Chocolate Tank	As per capacity
12	Drive	Servo Driven with SS Chains & Sprockets
13	Control	PLC
14	Operation	Touch Screen HMI
15	Filling Movements	Pneumatic
16	Air Pressure	Max 6 bar
17	Chocolate Tank / Heater	2 KW
18	Accessories	
		Auto Cone dispenser
		Cone Calibration Unit
		Chocolate sprayer
		Ice cream Filling With single or double flavour
		Chocolate topping
		Nut dispenser
		Auto lid dispenser
		Heat sealing unit
		Auto Cone Ejection.
19	Motor	Premium efficiency
		Fully Automatic Linear Cone filling machine complete with control panel with standard cone filling attachment of 150 ml -6000 pcs/hr
		Suitable Exit Conveyor
		Instruction and operational manual
		All Material used should be food grade with certificate Like O ring, gaskets, hose pipe etc

Specifications of Hardening Tunnel

Sr. No	Technical Specifications
1	Make SS 304
2	Tunnel Unit SS 304
3	Chains
	SS Chain for long life
	Hygiene designed and surface treated to stand corrosion
	Chain Pitch Suitable
4	Tray 1 set Based on capacity
	Trays capable of loading of 120 ml and 150 ml cone
	Tray Removal or fixing system - Very easy, Fix on the pins of the chain
5	Transport Frame Unit SS 304
	Transporting advanced concept
	Polyurethane panel thickness 150mm
	Density of PUF panel -Should be above 42 kg/m ³
	PUF panel double covered by SS304 (in side as well as outside)
	Inspection door with safety handle inside
	Internal Electrical lightings
	Standard prefabricated floor with water resistant SS
	Inside floor is covered by SS AISI304
	Central Spring tension station for the automatic compensation of chain
	Dilatation. Precise tension adjustment for long chain life.
	Automatic tension adjustment system for
	precise and equal chain extension during chain life
	Water tight ball bearing, enclosed in support
	Suitable for very low temperatures.
	Loading and un loading of cones in tray from side of the tunnel
6	Evaporators Suitable Capacity and Necessary Ammonia Controls Like Isolation Ammonia Valves, Suction ICLX valve, Liquid solenoid valve, Liquid strainer, NRV, Purring valves, Hot gas solenoid valve, Hot gas NRV, Float valve ICF for defrosting etc.
	evaporators with Energy Efficient Fan & Motor (IE3 Motor)
	Evaporator as high grade MOC suitable for R717 refrigerant
	Evaporator coil - SS304
	Refrigeration gas R 717
	Evaporation temperature: -38°C
7	Component
	Switch And Buttons - Standard
	Breaker - Standard
	DC Suppler - Standard
	Pneumatic Valve / Pneumatic Filter - Standard
	Motor - Standard -premium efficiency IP65
	Chain- Standard -prefer Diamond
	Inventor – Standard
8	Safety
	Pressure relief port - to balance the air pressure within room to reduce damage of panle due to vacuum

	Safety Release Knob- Inside of the door for safety precautions
9	Refrigerant Valve
	Liquid Valve, expansion valve, suction valve should be in scope of vendor and make should be Danfoss
	Technical Data
	Production Capacity 10200 pcs/hr
	Capable of handling 120 ml and 150 ml Cones
	Cooling Gas Type -Ammonia R 717
	Product inlet temp. - Minus 4 Deg C
	Product Outlet temp. - Minus 18 deg C (equaized core temperature)
	Mahine Structure - All Internal SS 304

Specification for the required Fruit feeder:

Fruit feeder should have following features:

- Wheels for easy positioning
- Replaceable auger, agitator, rotor, scrapers and after mixer shaft
- Dynamic single speeded after mixer
- Possibility for CIP cleaning
- Frequency controlled gear drives of feed pump and auger/agitator
- Variable ratio of feed pump and auger/agitator
- All movable parts are protected with safety guards
- Overload protection on the drives
- Auxiliary tools for use by cleaning and repair
- Manually controlled

User-friendly adjusting of speed of feed pump and auger/agitator by adjusting the potentiometer on the control panel.

Main Data

Ice cream capacity: 150–2000 l/h
 Ingredient capacity: 20 – 200 l/h
 Hopper capacity: ~ 25 l
 Inlet pipe: 2 Inch
 Outlet pipe: 3 Inch
 Maximum ingredient size: 13×25 mm

Old Hardening detail for Buy Back

Make of hardening tunnel: Catta Make
 Type: Ammonia Evaporative Tray Type
 Mfg. Year : 1998
 Evaporator: 2 Nos.
 Tunnel Capacity: Approx. 3000 ltr/hr

Warranty for Machine: 2 Years from Date of Commissioning for new Line

Payment term for the tender:

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 Machine. 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, Yes Bank, IDBI Bank, Kotak Mahindra Bank or acceptable Bank by AFD. Vendor will take our consent before issue/submission of BG.

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.

QUALIFICATION APPLICATION

Qualification Application Form

You must submit this form (Table 2 and 3), duly filled in, along with the supporting as per following checklist given in Table 1:

Table 1 Checklist for Supportings	
Supportings Required	Please (√)
Latest Balance sheet filed with (Name of Authority) on (Date)	
Latest Profit & Loss Statement from (date) to (date) filed with (Name of Authority) on (date).	
Audited copies ¹ of annual accounts and P & L account of past 3 years	
Certificate of Financial Soundness from Bankers of Bidder /Suppliers	
Income Tax Clearance Certificate (Latest)	
Sales Tax Clearance Certificate (Latest)	
Details of Income Tax Registration	
Details of Sales Tax Registration	
Organization Chart	
Annual Report of last three years	

Table 2 Financial Soundness General Information
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¹ Indigenous Bidder/Suppliers must attach copy of accounts audited under section **44 AB of Income Tax Act**. In case the accounts need not be audited, a Chartered Accountant or Manager of a Nationalized Bank should attest the information in this statement.

Name			
Address			
Phones			
Mobile			
Fax			
E-mail			
Contact Personnel with designation			
Financial Information			
S N	Description	Value (Rs)	
1	Cash Balance	In Bank	
		In Hand	
		Total	
2	Fixed Assets	Gross	
		Net	
3	Current Asset	Inventories	
		Others	
		Total	
4	Current liabilities	Bank Cash Credit	
		Sundry creditors	
		Others	
		Provisions	
		Contingent Liabilities (including claims not acknowledged, please specify)	
		Total	
5	Capital	Share capital	
		Free reserves	
		Other reserves (please specify)	
6	Term loans from financial institutions and banks		
7	Working capital		
8	Net worth		
9	Debtors and advances considered good	More than 6 months	
		Less than 6 months	
Significant Financial Ratios			
SN	Ratio	Definition	Value
1	Current	Current Assets to Current Liabilities	
2	Acid Test	(Cash + temporary investment held in lieu of cash + current receivable) / current liabilities	
3	Solvency	Total Liability to Net Worth	
Net Profit before Tax			
SN	Period	Value	
1	Current period		
2	During the last Financial Year		
3	During the year before last Financial Year		
Financial Arrangements			
SN	Resources	Amount	
1	Own		
2	Bank Credits		

3	Others (Specify)	
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Sales			
SN	Category of Customers	Value of orders to be executed/ anticipated Sales	
		Current	Next Financial Year
1	Government Department		
2	Commercial		
3	Others		
	Total		
Annual Turnover			
SN	Financial Year (Please begin with current year)		Turnover
1			
2			
3			
4			
5			
6			

Table 3 Technical Competency		
Classifications		
SN	Category	Please (√)
1	Manufacturer	
2	Clearing & Forwarding Agent	
3	Stockist	
4	Wholesale Dealer	
5	Authorized Reseller	
6	Authorized Service Agent	
7	Retailer	
8	Trader	
9	Others (please specify)	
Details on Plant		
SN	Plant	Details
1	Location	
2	Description	
3	Type	
4	Size of building	
5	Is property on lease or free hold?	
6	If on lease, indicate date of expiry of lease in each case.	
7	Others (please specify)	

Plant Facilities

SN	Facilities	Ans	Remark		
1	Space available for manufacturing (in m2)				
2	Space available for storage (in m2)				
3	Space available for inspection (in m2)				
4	Are buildings fire resistant? (Y/N)				
5	Are premises approved by Municipal fire Department? (Y/N)				
6	Are buildings under Municipal fire protection? (Y/N)				
7	Are power & fuel supply adequate to meet production requirements? (Y/N)				
8	Are adequate transportation facilities available? (Y/N)				
9	Are safety measures adequate for performance of proposed contract? (Y/N)				
10	Is adequate material handling equipment available? (Y/N)				
Testing Facilities					
SN	Facilities	Details			
1	List testing equipment available				
2	Give details of tests to be carried out on items offered.				
3	Details of the testing organizations available.				
Quality Control Organization					
SN	Quality Control Method	Response			
1	Are goods offered subject to Batch Test, Random Sampling or full 100% test for quality?				
2	Are tests carried out by factory employees or by a separate testing agency?				
3	Are independent Quality Control Organization checks made and certificates issued?				
Manufacturing Capacity					
SN	Description of Equipment	Capacity	Units Manufactured		
			Current year	Last Year	2nd last year
1					
2					
Personnel/ Organization					

SN	Personnel in	Numbers in levels		
		Managerial	Supervisory	Skilled Workmen
1	Production			
2	Marketing			
3	Installation and commissioning			
4	Service			
5	Spare parts			
6	Administrative			
Service Center nearest to our site location				
Location				
Phone no				
SN	Information required on	Details		
1	Number of skilled employees			
2	Number of unskilled employees			
3	Number of engineering employees			
4	Number of administrative employees			
5	List of special repair/ workshop facility available			
6	The storage space available for spare parts (in m2)			
7	Value of minimum stock of spares available at all the service centres in respective currency			
8	List of the models/ types of equipment serviced by the Centre in last 2 years			

References ²						
SN	Name of Organization	Address, Telephone, Fax, Contact Person				
1						
2						
List of components usually subcontracted						
1						
2						
Workload for the current and forth coming financial year on quarterly basis						
SN	Financial Year	Quarterly Workload as % of Total Capacity				
		I	II	III	IV	
1	Current Financial Year					
2	Next Financial Year					
List of major projects of similar size and nature previously executed						
SN	Name of the client	Project	Year of award	Year of completion	Capacity/ Products	Value (Currency)
1						
2						
3						
4						

² Names of two buyers to whom similar equipment are supplied, installed and commissioned in the past and to whom reference may be made by the AmulFed Dairy, Gandhinagar regarding the Bidder/Supplier's technical and delivery ability:

Type of equipment manufactured and supplied (M & S) during last 2 years					
SN	Equipment	Capacity	Qty	Projects	On Hand Order Qty
1					
2					
3					
4					
Type of equipment manufactured, supplied, installed and commissioned (MSIC)					
SN	Equipment	Capacity	Qty	Projects	On Hand Order Qty
1					
2					
3					
4					
Schedules for furnishing technical data and certified drawings after receipt of orders					
1					
2					
Number of weeks required for preparing a bid proposal					

Collaborators' Authorisation Form

Reference

Dated

**General Manager
AmulFed Dairy, Gandhinagar
Plot No. 35, Near Indira Bridge
Ahmedabad - Gandhinagar Highway
Vill.: Bhat, Dist.: Gandhinagar - 382428
Gujarat, India**

Dear Sir,

Bid Reference: MD/EXP/PKS/2015/1

We, (Name of the Collaborator), an established and reputable supplier of Technology and goods (Name of Technology & Goods) do hereby authorize (Name and address of **Agents**) to bid, negotiate and conclude the contract with you against Bid Reference: MD/EXP/PKS/2015/1 for the above technology & goods supplied by us.

No company or firm or individual other than (Name of your sole agent/ distributor) are authorized to bid, negotiate and conclude the contract in regard to this business against this specific Bid. (Strike out this, if not applicable)

We hereby extend our full guarantee and, warranty for the technology and goods offered for supply against this invitation for bid by the above firm.

Yours faithfully,

(NAME)

For and on behalf of

(Name of Manufacturers)

Note:

This letter of authority should be on the Letterhead of the Collaborators' concern and should be signed by a person competent and having the power of attorney to bind the Supplier.