



A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

(Previously Known as Mother Dairy, Gandhinagar)

## Request for Quotation (RFQ)

AFD: PUR: HSG: Annual maintenance boiler.

25 Jan., 2024

To,

Dear Sir,

Sub: **Request for Quotation (RFQ)** for “Annual maintenance of Boilers” as mentioned in annexure.

We invite your most competitive offer for **Annual maintenance of Boilers** as per detailed specifications. Your offer should be based on following considerations:

- 1.The offer should reach:-AmulFed Dairy (Previously known as Mother Dairy-A Unit Of GCMFF Ltd) Plot No-35, Nr. Indira Bridge, Ahmedabad - Gandhinagar Highway. Village Bhat, Dist - Gandhinagar. Pin - 382 424.
2. Due Date: **March 25, 2024 before 17:00 hours**
3. The offer should be submitted in portal only. First of all register your firm on shared link.
4. Offer received after due date for whatsoever reason may be rejected.
5. Offer should valid for acceptance for 90 days from date for submission of offer.
6. The price should be quoted with all details.
7. **Specify your tax condition.** Non indication of above levies will mean that prices are inclusive of all taxes and above levies.
8. Realistic and earliest completion period should be indicated in offer.
9. It will not be binding on us to accept the lowest offer.
10. Right to accept/reject any/all offers without assigning reason is reserved by us.
11. Offers which are incomplete or not meeting the conditions are liable for rejection.
12. Payment terms within 30 days of invoice receipt. If the payment term is document through bank, all banking charges shall be borne by the suppliers.
13. **Please find below link to register your firm on Purchase Portal. Without completing registration process on portal can't submit offer.**

**First of all register your firm on shared link so can send inquiry through portal only.**

Interested bidders have to register your firm in our Purchase portal.

Website for our portal is as >>>: <http://afdpurchase.amul.in/>

Plot No. 35, Nr. Indira Bridge, Ahmedabad-Gandhinagar Highway, Village: Bhat, Dist.:Gandhinagar, PIN 382428

Tel. No. (+91-79) 23969055 – 58, Fax No. (+91-79) 23969059

Website: www.amul.com

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Click Below links for Guidelines :

1. [Guide for VRF - MANUFACTURERS](#)

**14. Eligibility criteria: Must have executed similar type of order.**

**15. Once registration process completes, we invite vendor to submit offer. Vendor has to submit technical first. Only after technical evaluation vendor can submit commercial bid.**

We are an ISO 9001: 2008, ISO 14001:2004 and ISO 22000:2005 company; we follow sustainable eco-friendly processes in our organization and expect the same to be followed at your end. We emphasis on energy efficient system and utilization of renewable energy systems in eco friendly and sustainable way.

Note: If required please visit premises with prior confirmation before quote. Please arrange visit between 2:00 P.M. to 5:00 P.M. in working day.

: We may go for reverse auction/negotiation. If required we may ask for PBG.

Mail id as mentioned below.

Shri Hardik Gajjar : [hardik.gajjar@amul.coop](mailto:hardik.gajjar@amul.coop)

Shri Bharat Naik : [bharat.naik@amul.coop](mailto:bharat.naik@amul.coop)

Shri Paresh Mehta: [paresh.mehta@amul.coop](mailto:paresh.mehta@amul.coop)

Yours Faithfully,

For AmulFed Dairy,

Purchase Depart.

## Annexure – Annual inspection of boilers

Rates must be inclusive of to & fro travelling, lodging/boarding and insurance.

Sr No	Details	IBR / Non-IBR	Working Pressure	Registration Number	Last date of Passing	Due Date
1	10 TPH boiler	IBR	17.5 kg/cm <sup>2</sup> (g)	GT-6096	21/07/2023	As per IBR Rules
2	Economizer	IBR	20.4 kg/cm <sup>2</sup> (g)	E-476	20/11/2022	As per IBR Rules
3	Condensing Economizer	NON-IBR				
4	12 TPH boiler	IBR	24.0 kg/cm <sup>2</sup> (g)	GT-8810	21/07/2023	As per IBR Rules
5	Economizer	IBR	29.0 kg/cm <sup>2</sup> (g)	E-575	21/07/2021	As per IBR Rules
6	Condensing Economizer	NON-IBR				
7	6 TPH boiler	IBR	17.5 kg/cm <sup>2</sup> (g)	GT-9854	01/10/2023	As per IBR Rules
8	Economizer	IBR	20.4 kg/cm <sup>2</sup> (g)	E-613	20/11/2022	As per IBR Rules
9	Condensing Economizer	NON-IBR				
10	15 TPH boiler #1	IBR	24.0 kg/cm <sup>2</sup> (g)	GT-9778	08/08/2023	As per IBR Rules
11	Economizer	IBR	27.0 kg/cm <sup>2</sup> (g)	E-609		As per IBR Rules
12	Condensing Economizer	NON-IBR				
13	15 TPH boiler #2	IBR	24.0 kg/cm <sup>2</sup> (g)	GT-10394	12/09/2023	As per IBR Rules
14	Economizer	IBR	27.0 kg/cm <sup>2</sup> (g)	E-632		As per IBR Rules
15	Condensing Economizer	NON-IBR				
16	15 TPH boiler #3	IBR	24.0 kg/cm <sup>2</sup> (g)	GT-10395	30/08/2022	As per IBR Rules
17	Economizer	IBR	27.0 kg/cm <sup>2</sup> (g)	E-633		As per IBR Rules
18	Condensing Economizer	NON-IBR				

### Special Note:

- 1 Boiler/economizer tube replacement and all other IBR fittings/mountings replacement activity and tube plugging activity under the scope of vendor.
- 2 Tube replacement/plugging request letter to Boiler Inspection authority shall be issued by AmulFed Dairy and shall be submitted under the scope of vendor
- 3 Liasoning activities for tube replacement and other all other IBR fittings/mountings replacement shall be under the scope of vendor.

**Duration for one Boiler/Economizer shutdown for annual service:** 5 to 6 days and involvement of at least team of five dedicated persons as mentioned below for complete the job.

1 Supervisor for overall work supervision

1 from Boiler back ground experience for cleaning, servicing etc. as per AFD Engineer's/operator's guide line

2 Fitter for boiler mountings opening, service and box up

1 IBR Welder with all IBR welding and fabrication related activities

Scope of work

### Smoke side cleaning

1. Opening of boiler front door.
2. Removal of all spirals (Spirals are available in only two boilers GT 6096 and GT 9854)

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3. Cleaning of all the tubes by wire brush manually, followed by air cleaning. Wire brush and other tools and tackles arrangement shall be under the scope of vendor
4. Removal of dirt/ash from all sides, collecting and throwing to the designated disposal area
5. Assist in boiler open and hydraulic inspection
6. Insert spiral back to the boiler after inspection (within 24 hours of inspection)
7. Closing of front doors and back doors
8. Clean the smoke side by High pressure water jet with adequate size of pressure gauge mounting on jet machine.
9. Dismantling, Servicing and refitting of various vales, mud hole as per Annex-1.1 is under the contractor's scope.

## **Note:**

- 1) Cleaning to be witnessed by AFD Engineer/operator, followed by boiler inspector
- 2) There are no spirals in 12 TPH Boiler, 15 TPH Boiler and economizers

## **Water side cleaning**

1. Opened the mud hole and main hole for cleaning and other mountings and accessories.
2. Chemical (sulphamic acid) circulation inside the Boiler shell from main hole.
3. Drain the chemical solution (Kindly note that advance information will be issue to contractor about our cleaning program.
4. Clean the water tubes by wire brush & scrapper manually.
5. Clean the waterside by High pressure water jet with adequate size of pressure gauge mounting on jet machine.
6. Jet machine shall have ELCB
7. Use of only 24V AC Lamp for illumination/inside inspection purpose.
8. Must use of PPEs (Personal Protective Equipment) such as Hand gloves, safety helmets, safety goggles, safety shoes
9. Opening front and rear fusible plugs (two numbers) and keep them in safe hands.
10. To take the seat by lapping for all mountings and accessories
11. To prepare & keep ready all the IBR related parts for inspection
12. AmulFed Dairy will provide the Blind flanges if required and fitting will be under the scope of vendor
13. Removal of necessary piping of gas line, Furnace oil line and other piping if required
14. To open all measuring and controlling instruments for cleaning and inspection
15. To open the necessary tubing connected to the boiler accessories and mountings
16. To do the maintenance if require for all mounting, fitting and accessories
17. Refitting all the mountings and accessories on the boiler for the final inspections
18. To take the boiler hydro test before the inspector inspect the boiler
19. Preparation for the open inspection
20. Refitting all the necessary equipment for the normal operation of boiler by cutting and applying appropriate size of gaskets where necessary.
21. After taking boiler pressure at 5 kg/cm<sup>2</sup>, hot tightening procedure followed.

## **Note:**

Cleaning to be witnessed & satisfactory level of AmulFed Dairy's Engineer, followed by Boiler Inspector



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## **ECONOMISER and CONDENSING ECONOMISER Cleaning**

1. **Generally economizer annual inspection/passing comes once in two years, however economizer and condensing economizer cleaning, water pressure jetting activities carried out every year along with Boiler.**
  2. Open the doors of economizer and condensing economizer
  3. Clean the outside of flue gas tubes by pressure jet
  4. Clean inside of water tube by acid circulation
  5. Final closes the doors after cleaning activity
  6. Use of only 24V AC Lamp for illumination/inside inspection purpose.
  7. While the annual inspection if we find the tubes are in damage condition like cracking, puncher and any other damaged during the cleaning activities, replacement of tubes also is in your scope of work.
  8. Dismantling, Servicing and refitting of various vales, mud hole as per Annex-1.2 is under the contractor's scope.
- 2. AFD Scope of work**
- a. Consumable like Sulphamic acid, Boiler tubes, gaskets, fasteners, emery paper, Water, Air, Electricity connection, spares of mountings and accessories will be supported from AFD.
  - b. AFD will bear only the charges towards govt. annual inspection fee on government e-portal.
- 3. Contractor's Scope of work**
1. Must be arrange and use of PPEs (Personal Protective Equipment) such as Hand gloves, safety helmets, safety goggles, safety shoes) under the scope of vendor
  2. All tools and tackles like Pneumatic grinder, wire brush, scrappers, welding rods, requirements & arrangements for the tube replacements and anything, other than the mentioned above and skilled manpower etc. are to be arranged by Contractor.
  3. Consumable list, which are, require during the annual inspection and maintenance before two month of job start by Contractor.
    - a. Rest all the expenses like visiting, travelling, handling etc, are to be bear by Contractor.
    - b. Besides AFD scope of work, other works directly comes into the contractor's scope.
    - c. Arrangement of Inspector's travelling and other facility required to be arranged by contractor
    - d. Contractor must complete the job before the mention time limit in any case.
  4. Tube replacement job if required while the annual inspection and cleaning activities as per IBR regulation and requirements by contractor

### **Note:**

Maintenance and hydro test to be witnessed & satisfactory of AmulFed Dairy's Engineer / Operator,  
Followed by Boiler Inspector.

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## Annexure-1.1

No	Description	Size	Quantity
01	Non return valve	4"	01
02	Air vent isolation valve	1 ½"	01
03	Feed check valve	1 ½"	01
04	Blow down valve	1 ½"	01
05	Safety Valve	1 ½"	01
06	Mobery unit isolation valve	1"	02
07	Water transmitter isolation valve	1"	02
09	Gauge glass cock	½"	04
10	Mobery drain isolation valve	½"	01
11	Feed water line non-return valves	1 ½"	02
12	Fusible Plug		01
13	Man Hole		01
14	Mud Hole		01

## Annexure-1.2

No	Description	Size	Quantity
01	Steam stop valve	6"	01
02	Non return valve	6"	01
03	Air vent isolation valve	1"	01
04	Feed check valve	2"	01
05	Blow down valve	1 ½"	01
06	Safety Valve	1 ½"	02
07	Mobery unit isolation valve	1"	02
08	Gauge glass cock	½"	04
09	Mobery drain isolation valve	½"	01
10	Pressure gauge & switch isolation valves	½"	02
11	Feed water line isolation valves	3"	05
12	Feed water line non-return valves	1 ½"	02
13	Man Hole		01
14	Mud Hole		02
15	Hand hole		04

**Note:** Offered rates will be valid for one year to cater any emergency/break down requirement throughout the year. For tube replacement along with boiler formality, if required in emergency.

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**On Letter Head of Vendor / Customer.**

To,  
General Manager  
AmulFed Dairy (A Unit of GCMF Ltd.)  
Village:- Bhat,  
Near Indira Bridge,  
Gandhinagar-382 428

Dear Sir,

**Sub : Fund Transfer Payments.**

I/we request and authorise you to effect Fund Transfer Payment to my / our Bank account as per the details given below (Please map our account in your SAP):

Vendor Name:- : \_\_\_\_\_  
Vendor Code : \_\_\_\_\_  
Bank Account Name : \_\_\_\_\_  
Bank Account Number : \_\_\_\_\_  
Branch Name & Address of Bank: \_\_\_\_\_  
\_\_\_\_\_  
Email Id : \_\_\_\_\_  
Permanent A/c Number (PAN) : \_\_\_\_\_  
Name of the Auth signatory : \_\_\_\_\_  
Contact Person : \_\_\_\_\_  
Contact Number : \_\_\_\_\_  
IFSC code : \_\_\_\_\_  
MICR Code : \_\_\_\_\_  
Type of Account : Savings / Current / Cash Credit

I, hereby declare that the particulars given above are correct. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible. I hereby authorise Bank ( as mentioned above) to credit my above mentioned account with the amount of instalment and I agree to discharge the responsibility expected of me as a participant under the scheme.

Date: \_\_\_\_\_

Signature of Account Holder (s)

- Mandatory fields -cannot be left blank.
  - Kindly attach a blank cancelled cheque with this mandate form.

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**Bankers Attestation -**

**CERTIFIED THAT THE PARTICULARS FURNISHED ABOVE ARE CORRECT AS PER OUR RECORDS.**

BANK STAMP

DATE : \_\_\_\_\_

\_\_\_\_\_  
SIGNATURE OF BANK OFFICIAL

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