



(Previously Known as Mother Dairy, Gandhinagar)
Request for Quotation (RFQ)

AFD: PUR: HSG: Boiler annual maint.

17 May, 2023

To,

Dear Sir,

Sub: Request for Quotation (RFQ) for “Boiler Annual Maintenance” as mentioned in annexure.

We invite your most competitive offer for **Boiler Annual Maintenance** 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 GCMMF Ltd) Plot No-35, Nr. Indira Bridge, Ahmedabad - Gandhinagar Highway. Village Bhat, Dist - Gandhinagar. Pin - 382 424.
2. Due Date: **May 24, 2023 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

AmulFed Dairy

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

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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.**

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

Shri Bharat Naik : bharat.naik@amul.coop

Shri Prashant Sheth: prashant.sheth@amul.coop

Yours Faithfully,

For AmulFed Dairy,

Purchase Depart.

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Annexure - Annual maintenance of boiler

Scope of Work for Boiler Annual Maintenance/Service at AmulFed Dairy, Gandhinagar

Sr No	Details	Working Pressure	Registration Number	Last date of Passing	Due Date
1	10 TPH boiler	17.5 kg/cm ² (g)	GT-6096	09/08/2022	08/08/2023
2	12 TPH boiler	24.0 kg/cm ² (g)	GT-8810	12/07/2022	11/07/2023
3	Economizer	29.0 kg/cm ² (g)	E-575	01/07/2021	30/06/2023
4	6 TPH boiler	17.5 kg/cm ² (g)	GT-9854	13/09/2022	12/09/2023
5	15 TPH boiler #1	24.0 kg/cm ² (g)	GT-9778	26/07/2022	25/07/2023
6	15 TPH boiler #2	24.0 kg/cm ² (g)	GT-10394	27/09/2022	26/09/2023
7	15 TPH boiler #3	24.0 kg/cm ² (g)	GT-10395	30/08/2022	29/08/2023

Duration: 3 to 4 days and involvement of at least 4 dedicated persons for complete the job.

Scope of work

Smoke side cleaning

1. Opening of boiler front door.
2. Removal of burner (if required)
3. Removal of all spirals
4. Cleaning of all the tubes by wire brush manually, followed by air cleaning
5. Removal of dirt/ash from all sides, collecting and throwing to the designated disposal area
6. Assist in boiler open and hydraulic inspection
7. Insert spiral back to the boiler after inspection (within 24 hours of inspection)
8. Closing of front door
9. Refitting of burner if opened.
10. Clean the smoke side by High pressure water jet with adequate size of pressure gauge mounting on jet machine.

Note:

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

Water side cleaning

1. Opening the Main hole door # by contractor
2. Chemical putting inside the Boiler shell from main hole.
3. Increasing the boiler pressure to 3-4 kg/cm² & holding for 24 Hrs- by AFD
4. Drain the chemical solution (Kindly note that advance information will be issue to contractor about our cleaning program.
5. He has to assure the maintaining cleaning program once finalized)
6. Opened the mud hole and main hole for cleaning and other mountings and accessories.
7. Clean the chemical solution by flushing with water for 2~3 times.
8. Clean the water tubes by wire brush & scrapper manually.
9. Clean the waterside by High pressure water jet with adequate size of pressure gauge mounting on jet machine.
10. Jet machine shall have ELCB

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11. Use of only 24V AC Lamp for illumination/inside inspection purpose.
12. Must use of PPEs (Personal Protective Equipment) such as Hand gloves, safety helmets, safety goggles, safety shoes

Note:

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

13. IBR Related boiler mountings and accessories
14. Opening of all mountings and accessories from the boiler
15. Opening Fusible plugs (two numbers) and keeps them in safe hands.
16. Apply dummy in place of fusible plugs
17. To take the seat by lapping for all mountings and accessories if requires
18. To prepare & keep ready all the IBR related parts for inspection
19. To provide the Blind flanges if required
20. Removal of necessary piping of gas line, Furnace oil line and other piping
21. To open all measuring and controlling instruments for cleaning and inspection
22. To open the necessary tubing connected to the boiler accessories and mountings
23. To do the maintenance if require for all mounting, fitting and accessories
24. To take the hydro test individual of all mountings and accessories before refitting.
25. Refitting all the mountings and accessories on the boiler for the final inspections
26. To take the boiler hydro test before the inspector inspect the boiler
27. Preparation for the open inspection
28. Boiler front door refractory work if required
29. During the job insulation removal and re-insulation to be done as per requirement
30. Refitting all the necessary equipment for the normal operation of boiler by cutting and applying appropriate size of gaskets where necessary.
31. Removal of dummy and refitting of fusible plugs previously removed
32. After taking boiler pressure at 5 kg/cm², hot tightening procedure followed.

ECONOMISER and CONDENSING ECONOMISER Cleaning

1. Open the doors of economizer and condensing economizer
2. Clean the outside of flue gas tubes by wire brush/pressure jet, Apply appropriate size of pressure gauge
3. Clean inside of water tube by acid circulation
4. Final closes the doors after cleaning activity
5. Use of only 24V AC Lamp for illumination/inside inspection purpose.
6. Must use of PPEs (Personal Protective Equipment) such as Hand gloves, safety helmets, safety goggles, safety shoes

Note:

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

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7. Boiler accessories and mounting are mention into the Annexure-A for 10, 12 and 15 TPH boilers for your kind information only. IBR related all the items come into contractor scope.
8. IBR related welding for the boiler tubes work if required
 - 10 TPH IBR Boiler heating surface area 205 Sq. Mtr
 - 12 TPH IBR Boiler heating surface area 261.35 Sq. Mtr
 - 15 TPH IBR Boiler heating surface area 361 Sq. Mtr
 - 10 TPH IBR Economizer heating surface area 154 Sq. Mtr
 - 12 TPH IBR Economizer heating surface area 178 Sq. Mtr
 - 15 TPH IBR Economizer heating surface area 157 Sq. Mtr
9. 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.
10. Removal of seal welding, collapsing expanding, removal of tube, cutting tube to the size, fitting of the tubes, expanding of the tubes, seal welding of the tubes.
11. AFD Scope of work
 - Consumable like Sulphamic acid, Boiler tubes, Wire brush, scrapper, emery paper, Water, Air, Electricity connection, spares of mountings and accessories will be supported from AFD.
 - AFD will bear only the charges towards govt. annual inspection fee.
12. Contractor Scope of work
13. All tools and tackles like Pneumatic grinder, welding rods, requirements & arrangements for the tube replacement sand anything, other than the mentioned above and skilled manpower etc. are to be arranged by Contractor.
14. Consumable list, which are, require during the annual inspection and maintenance before two month of job start by Contractor.
 - Rest all the expenses like visiting, travelling, handling etc, are to be bear by Contractor.
 - Besides MDG scope of work, other works directly comes into the contractor scope.
 - Arrangement of Inspector's travelling and other facility required to be arranged by contractor
 - Contractor must complete the job before the mention time limit in any case.
15. Tube replacement job if required while the annual inspection and cleaning activities as per IBR regulation and requirements by contractor

Moreover these rates will be applicable for throughout the year of tube replacement along with boiler formality, if required in emergency.

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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
08	Niddle valves	½"	04
09	Gauge glass cock	½"	04
10	Mobery drain isolation valve	½"	01
11	Gauge glass header isolation valve	½"	01
12	Pressure gauge & switch isolation valves	½"	04
13	Feed water line isolation valves	1 ½"	05
14	Feed water line non-return valves	1 ½"	02
15	Fusible Plug		01
16	Man Hole		01
17	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

- Offer includes loading, unloading, P&F, transportation, installation & commissioning, lodging/boarding etc.
- Send below RTGS form duly filled signed stamped of authorized with bank endorsement and cancel cheque.

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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.

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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