



**Gujarat Cooperative Milk Marketing Federation Ltd, Anand  
Amulfed Dairy (Previously known as Mother Dairy)**

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

Request for Quotation (RFQ) for **"Purchase Inquiry of testing of CO2 flooded system at Packaging Film plant-gandhinagar "** as per given scope of work.

**AFD: PUR: ENQ: 2021:773**



**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 competitive offer for the following works: **"Purchase Inquiry of testing of CO2 flooded system at Packaging Film plant-gandhinagar "** as per the scope of supply mentioned in the Inquiry.

Inquiry Reference	AFD: PUR: ENQ: 2021: 773
Inquiry Start	Starts from 30 <sup>th</sup> Sept 2021
Submission	End on 08 <sup>th</sup> Oct-2021

**1. Terms and Conditions :**

1.1 The offer shall be submitted through hardcopy or softcopy before above due date is acceptable.

1.2 Offer should reach entitled with Ref- **Purchase Inquiry of testing of CO2 flooded system at Packaging Film plant-gandhinagar**

**1.3 Payment terms will be 30 days credit after successful competition of Job.**

1.6 AFD has Right to accept/reject any/all offers without assigning reason is reserved by us.

1.8 A vendor registration form (available on [www.amul.com](http://www.amul.com)) needs to be filled & send along with offer with necessary supporting documents. (If you are already a registered vendor, need not to follow this procedure again)

1.10 Scope as per Annexure-1.

**2. Validity :** The offer should be valid for 45 days from the closing of Inquiry.

**3. Contact details:** For any techno-commercial query you may contact Palak Shah (7359001666), or (Email- [palak.shah@amul.coop](mailto:palak.shah@amul.coop) ) of Purchase department

**Annexure -1**

**Scope for CO2 flooding testing by third party**

Frequency 6 monthly:-

1. Checking weight of 45 kg CO2 cylinder.
2. Temporary provision of spare 45 kg CO2 gas cylinder against cylinder to be sent outside for refilling and testing if existing cylinder required to send for refilling and testing.

3. Cleaning of entire flooding network (flexible and fixed pipes and nozzles) with Nitrogen flushing.
4. Pressure testing of entire CO2 flooding network with nitrogen gas.
5. Checking functionality of each heat detector by blowing hot air and checking relevant sensing in control panel (include checking of LED indication of alarm, blow of hooter) in presence of PFP engineer and safety officer
6. Checking functionality of each heat detector by blowing smoke detector spray and checking relevant sensing in control panel (include checking of LED indication of alarm, blow of hooter) in presence of PFP engineer and safety officer.
7. Checking function of solenoid master valve and slave valves.
8. Checking and cleaning of NRV of main discharge header,
9. Calibration of pressure switch, pressure gauge and safety valve
10. Checking function of heat sensing tube by blowing hot air and parallel checking its indication with control panel.
11. Checking all wiring connection at terminals and panel and also check proper cable laying and wiring.
12. Checking functioning of electrical panel and its component.
13. Checking function of ABORT and RELEASE buttons.
14. Replacement and painting of pipes if required.
15. Replacement of flexible high pressure pipes if required.
16. Fitting and replacement of proper clamps /supports /cover /nut bolts of co2 flooding network and accessories if required.
17. Replacement and installation of any damage or any nonfunctional component / accessories of the system if any.
18. Proper Dressing of cables if required.
19. Entire system testing certificate and report with corrections if any.
20. Calibration and testing certificates of accessories like pressure switch, pressure gauge, safety valve, etc.
21. Painting of pipes, Nozzle, Cylinder if required.

### Safety related compliance Points while working in PFP

- 1 Proper tools and tackles for opening / installing various fittings and accessories of the system.
- 2 All the PPEs like Safety Shoes, Helmet, Goggles Hand gloves and Safety belt.
- 3 Safety of contractor persons involved in testing and checking.
- 4 Nitrogen cylinder/s for pressure testing and flushing of CO2 flooding network.
- 5 At least one engineer and two technicians for testing.