



# AMULFED DAIRY

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

## PURCHASE ENQUIRY

**Inquiry No** AFD: PUR: ENQ: 2025: 308 , Dated: May 08, 2025

**Description** Design, Supply, Erection, Commissioning & Maintenance of 04 nos. of Artificial Recharge Wells (ARW) for Injection of Rainwater for Rain Water Harvesting (RWH) at PFP Plant, Gandhinagar

**Qty** As per the given Scope of Work

**Due Date** 13<sup>th</sup> May, 2025 (Technical Bid submission)  
21<sup>st</sup> May, 2025 (Commercial Bid Submission)

Dear Sir,

You are requested to give your best competitive rates for Design, Supply, Erection, Commissioning & Maintenance of 04 nos. of Artificial Recharge Wells (ARW) for Injection of Rainwater for Rain Water Harvesting (RWH) at PFP Plant, Gandhinagar as per the given scope of supply

### **Procedure To Participate in 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 must register your firm in our Purchase portal.  
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) Interested bidders must submit their technical specification/detail first, only after technical evaluation/approval, bidders will be invited for submission of commercial bid.

### **Other Terms & Conditions:**

- The offer should be valid for acceptance, for 120 days from due date of submission of offer.
- The price should be quoted on F.O.R basis inclusive of packing and forwarding, freight etc. However, it should be clearly mentioned in the quotation as per enclosed format only.
- Price should be inclusive of all the taxes, excise duties etc., or it should be mentioned separately in your offer clearly.
- Realistic earliest delivery period should be indicated.

**Amul SAGAR**

Plot No. 35, Nr. India Bridge, Ahmedabad – Gandhinagar Highway, Village: Bhat, Dist.: Gandhinagar, PIN 382 428  
Tel. No.: (079) 23969055 – 58, Fax No.: (079) 23969059  
Website: [www.amul.com](http://www.amul.com)



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- It is not binding on us to accept lowest offer.
- The right to reject any or all the offers without assigning any reason is reserved by us.
- Offers which are incomplete or do not meet the conditions or only for part-time items may be liable for rejections.
- No queries regarding the status of the offer will be entertained at any time.
- The final supplier will be the combined decision of our technical team and management and no reason of final selection will be conveyed to any bidder.
- Payment terms with 30 days credit shall be preferred.
- For any query contact Mr. Yogendrasinh Sodha of Purchase dept. (07046036777) or mail on: [yogendra.sodha@amul.coop](mailto:yogendra.sodha@amul.coop) & Mr. Bhargav Kanabar of Purchase Department (email ID- [bhargab.kanabar@amul.coop](mailto:bhargab.kanabar@amul.coop))

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Technical Specification for Design, Erection, Commissioning & Maintenance of 04 nos. of Artificial Recharge Wells (ARW) for Injection of Rain water for Rain Water Harvesting (RWH) at PFP Plant, Gandhinagar						
Sr. No.	Description of Work / Item	Qty	Unit	Unit Rate (₹)	GST (%)	Total (₹)
1	<p><b>Primary Filter Module:</b> Design, Providing, erection, and Construction suitable modules for filtrations of Roof top and surface runoff water or water with heavy sediments with M-25 Grade Concrete Precast Modular Step Well.</p> <p>The Diameter of Structure shall be approximately 1500 mm diameter and Height of 2370 mm. The Upper Part of the Structure to be kept above the Ground level about 200/ 300/400 mm as per the site Requirement. This module has a 50 mm inlet of 6 entries on each slab.</p> <p>This system having gravel media, Sand Media and SS -304 Screen with 6-inch Dia and 0.75 mm opening and 0.5 Mtr Length. This is called Primary Filter Module.</p>	4	Set			
2	<p><b>Secondary Filter Module:</b> Design, Providing, erection, and Construction suitable modules for filtrations of Roof top and surface runoff water or water with heavy sediments with M-25 Grade Concrete Precast Modular Step Well.</p> <p>The Diameter of Structure shall be approximately 1500 mm and Height of 2370 mm. The Upper Part of the Structure to be kept above the Ground level about 200/ 300/400 mm as per the site requirement. This system having Filtration with SS -304 V-wire Screen of 6 x 12-inch Dia and 1 m Length with 0.75 mm x 1 mm respectively. In these module rate of Filtration of approximately 20 to 30 M³.</p> <p>This is called Secondary Filter Module</p> <p>Guaranteed water recharge shall be 15 m³/hr. Demonstration shall be performed for guaranteed recharge water.</p>	4	Set			

3	<p><b>Recharge Borewell with V-wire Casing:</b> Providing Installation of recharging well 200 mm Dia UPVC Heavy duty Pipe @ 45 mtr Threaded SDR bore Casing Pipe Confirming to IS 12818.</p> <p>Make: Supreme / Astral / Dutron / Prince</p> <p>Including labours &amp; equipment's for protecting the sides from falling during the process of drilling all complete as per specification and direction with 200 mm LCG V-wire Screen pipe @ 31 meter, Johnson/ Apollo make filtration make continuous slotted strainer pipe having collapsible strength 20 kg/ cm2 in slot opening of depth of the Recharge Bore well Should be 76 Mtr.</p>	4	Set			
4	<p><b>Recharge Bore Excavation Support:</b> Labour work for Excavation of mud Pit for recharge Bore well, Water tanker, Mud Water Tanker, pit Refilling Work, Compressor Work, Grit/ Gravel filling work and allied Work.</p>	4	Job			
5	<p><b>Civil Surrounding Work:</b> Construction of Civil work Surrounding the Precast Structure Module by proper/good quality civil work as per attached pic.</p>	4	Job			
6	<p><b>5-Year Maintenance:</b> Maintaining &amp; Cleaning for 5 years rainwater Modules precast structure, Recharge Bore well, complete set of installations pre-monsoon, during monsoon and post monsoon.</p> <p>Recharge well should be monitored regularly during monsoon and the levels should be measured from time to time to ascertain the optimum percolation as per the service manual.</p>					
6.1	<b>1<sup>st</sup> Year Maintenance</b>	4	Ea			
6.2	<b>2<sup>nd</sup> Year Maintenance</b>	4	Ea			
6.3	<b>3<sup>rd</sup> Year Maintenance</b>	4	Ea			
6.4	<b>4<sup>th</sup> Year Maintenance</b>	4	Ea			
6.5	<b>5<sup>th</sup> Year Maintenance</b>	4	Ea			

Note	<p><b>CIVIL WORK SURROUNDING:</b> For Civil Point of view, we need the proper compaction and also require proper slope of piping with proper Mess at the inlet point. If contractor fail to match then Contractor needs to rework on it, till client satisfaction. for Rework Client will not pay any extra charges and guarantee and warranty for the same would be 2 years after handover.</p> <p>Precast Element should have M25 grade of concrete and brick masonry work should be in Providing material and labour for laying Brick work using common burnt clay building. Conventional bricks having crushing strength not less than 35 kg/Sq Cm in foundation and plinth in Cement Mortar 1:5 (1- Cement: 5 -fine sand) in any shape, including finishing, racking of joints, curing, scaffolding for all height all level etc. complete as directed by engineer-In-Charge.</p> <p>Providing material and labour for laying 20 mm thick internal/ external double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished for all floor, all level, all height (including all basement) with necessary scaffolding, curing, finishing, making grooves, forming pattas, hacking properly to RCC surface etc. complete as directed by the Engineer-in-charge.</p>
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**Warranty:** 2 years post-handover for all civil and precast elements.

Rates should be inclusive of all materials, labor, tools, machinery, transport, and safety compliances.

Vendors must attach **technical drawings, datasheets** for filters/screens used and lists of **past installations** as references.



Photos for reference  
purpose only