



# AmulFed Dairy

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

(PREVIOUSLY KNOWN AS MOTHER DAIRY, GANDHINAGAR)

AFD: CIVIL: INQ: 20240302

March 07<sup>th</sup>, 2024

To,

**Sub: - Inquiry for Inquiry for Civil and Structural works for 120 KL and 30 KL Foundation work for UHT Product at AmulFed Dairy, Gandhinagar.**

We invite your most competitive offer, quoting your lowest rate and shortest execution period for item mentioned as under. Your offer must be sent in sealed reply envelope attached herewith by registered post/courier or by person. Mention, "Civil and Structural works for 120 KL and 30 KL Foundation work for UHT Product at AmulFed Dairy, Gandhinagar." on top of the offer reply envelope.

**Detailed Technical Specification & Schedule of Quantities as per Enclosed Annexure: - I**

**Last date of receipt of Quotation: 19<sup>th</sup> March 2024.**

## ➤ General Terms & Conditions.

1. Contractors must quote rates considering work is to be carried out at AFD, Plot No. - 35, Village Bhat, Nr. Indira Bridge, Gandhinagar as well as Packaging Film Plant at Sector - 25, Gandhinagar.
2. Your rates should be including of all material cost, labour cost, Taxes, octroi, loading, unloading at AFD site landed and fully executed basis.
3. Contractors must specify applicable Taxes like GST, Work Contract Tax whatsoever and whether applicable or not. If taxes applicability is not specified your rates shall be considered as inclusive of all taxes.
4. Cement supply is in your scope and shall be 53 Grade, Make: - Ultratech, JK laxmi, Binani.
5. Reinforcement Steel FE 500 TMT Bar and structural steel supply is in your scope and Make: - TATA, Vaizag, SAIL/ reputed ISI mark makes pre-approved by AFDG.
6. No price variation or price adjustment will be applicable for supply of cement and steel
7. If cement is issued to you by AFDG it will be charged @ Rs 375 per bag
8. If Reinforcement steel is issued to you by AFDG it will be charged @ Rs 65 per kg
9. If Structural steel is issued to you by AFDG it will be charged @ Rs 75 per kg.

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10. Rate variations beyond specified basic rate shall be reimbursed / recover at actual on submission of necessary Documentary evidences.
11. If work is to be carried out on emergency basis or during Shutdown period, contractor must carry out work on emergency basis, even during night with pre-approval, as per production schedule deploying more manpower to complete the job at the earliest.
12. Payment terms: Within 30 days after submission of bill.
13. Annual Rate Contract letter will be issued approving the rates. Specific job-wise WO will be issued time to time as and when required. Quantity indicated in the specific job WO shall be estimated; it may vary on either side. However, payment shall be made as per the actual work executed at site.
14. If any extra item is to be executed as per site condition, this will be paid as per rate analysis Plus 15 % profits and overheads to contractor after rates approval is given.
15. All the legal/administrative records like muster roll, salary register, labour license, PF, ESI etc must be maintained & submitted as and when required and contractor is responsible for compliance of all labour laws and rules/regulations etc.
16. Cleaning of site is must after day-to-day work since jobs will be executed in running Dairy and high level of hygiene and cleanliness and disciplines must be maintained.
17. Your workmen should compulsorily wear the identity card and uniform of the company while executing jobs in AmulFed Dairy. Penalty is imposed for Rs. 1000/- for each case.
18. In case, any of your workmen get injured due to Accident, while working within premises of AFD, contractor must remain fully responsible for all medical treatments, compensation payment, compliance of all legal formalities and must keep AFDG fully indemnified on this.
19. If any damage to our equipment or property has taken place due to your workmen, you will remain fully responsible to make good/ pay for all the damages/losses.
20. We are ISO 9001:2015 (Quality Management System), ISO 14001:2015 (Environment Management System) FSSC 22000 version 4.1 (ISO 22000:2005, Sector specific PRPs and Additional 1A requirements) Certified unit. We expect you to follow eco-friendly process in your Company such as waste minimization, reduction in air pollution, water pollution and soil Contamination etc.
21. We expect contractor must follow eco-friendly process in his Company and in his working in AFDG such as waste elimination, prevention of air and water pollution and soil Contamination etc and must maintain high level of hygienic condition with neatness and cleanliness day-to-day basis.
22. Chewing pan masala, tobacco & smoking is strictly prohibited in AFD premises and if any person is found then penalty will be Rs. 5000/- for each case.
23. You shall be working in running factory and ensure that the day-to-day operations of the factory are not hampered in any way due to your activities. Any damages occurred by you shall be recovered.
24. **It is advisable to visit the site before quoting your rates.**
25. Water and Electricity will be provided by AFD at one point and it will be chargeable basis 0.25% for electricity and 0.25% for Water will be recovered from your bills.
26. During the work contractor must depute /appoint at least one year experienced one Diploma Civil Engineer as site engineer and shall remain responsible for the quality workmanship, timey execution the job as per the drawings and instructions of our engineers and liasioning with our engineers for satisfactory execution of the jobs in time and desired quality.

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27. Follow the Safety rules and regulations including the personal protective equipment's like Helmet, safety belt and other accessories if require, if any person not following the safety rules and regulations penalty would be Rs. 1000/- from the Bill.
28. After satisfactory completion of the work agency should give the self-satisfaction certificate with the JMS.
29. All jobs executed must remain under **one year defect liability period** pertaining to defects due to bad workmanship, use of sub-standard materials, improper methods of application etc and must be attended free of charge during this period.
30. After Completion of the work agency should submit the bill within seven days based on the JMS only.
31. Contractor must submit the necessary material test certificate like MS structure whenever required for large quantity.
32. Annexure of Details Technical Specification will be enclosed at the time of Work order placed.
33. Project Completion period 45 days in phase manner after site hand over for work

AmulFed Dairy shall not accept the offer, received later than the date mentioned above

Thanking you

Yours faithfully,  
For AmulFed Dairy, Gandhinagar

M.C. Mehta  
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Authorized Signatory



**Annexure : I**

Technical Specification and Scope of work for Civil and structural work for 30KL 120KL Civil Foundation at AmulFed Dairy.

Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
<b>A</b>	<b>Civil and structural work for 30KL Silo Civil Foundation in front of APS Pre process Alcove Room.</b>				
1	Excavation in all kinds of soils upto 1.50mt depth for all type of foundations, trenches, roads, surface levelling etc. dressing sides and bottom of the excavated area battering or forming benches, pumping & bailing out of water, shoring and strutting sides of excavation, refilling including ramming watering, consolidating etc., including disposing of surplus earth upto 1500mts within/ outside the AmulFed Dairy site as directed.	Cmt.	75.00		
2	- do as above but- 1.50 mtr. To 3.0 mtr. Depth	Cmt.	62.00		
3	Filling with available excess selected excavated earth (excluding rock and black cotton soil), in plinth & dairy primacies etc, in layers not exceeding 15 cm. in depth, including breaking the clods, watering to optimum moisture content, ramming and compacting by mechanical means of suitable type of vibrator, including freight, transportation, loading, unloading, screening, passes etc. all complete as instruction & directions of the Engineer-in-charge (Consolidated measurements of fill shall be paid for under this item). The rates shall include for all leads and lifts including transporting using mechanical / manual means within the plot area. Note: Using excess available excavated earth from foundations and dressing of the plot	Cmt	13.00		
4	Filling, in foundation and plinth (under floors), with good quality coarse river sand, obtained from outside, including watering, ramming well, consolidating and dressing etc. complete all as per specifications and direction of Engineer-in-charge	Cmt.	3.00		
5	Providing, stacking and laying rubble soling, 23 cm. thick (compacted thickness), in a compact manner to required camber & gradient as per drawing, in subbase for road using 150 to 230 mm. hand broken black hard stones, covering and levelling the surface with a layer of murrum after filling the voids with smaller sized stones or stone chips, including watering, rolling well with power roller of 8 to 10 ton capacity and consolidating each layer, as directed.	Cmt.	6.00		
6	Providing and laying Plain Cement Concrete 1:4:8 including compaction, finishing top surface to the level curing but excluding cost of formwork etc. complete as per specifications and directions as per Engineer-in-charge. In foundations, plinth, sub base of floors etc. (For all civil, plumbing and electrical works)	Cmt.	15.00		

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Technical Specification and Scope of work for Civil and structural work for 30KL 120KL Civil Foundatin at AmulFed Dairy.

Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
7	Providing & laying in position controlled reinforced cement concrete of M-25 grades with machined batched & machine vibrated design mix concrete using graded hard (black trap) stone agg. of 20mm nominal size obtained from quarry incl. mechanical mixing, mechanical vibrating, compaction, finishing, curing etc. The rates shall be inclusive of placing, spreading, compacting etc. complete for all RCC work, for all floors / all levels / all heights / all depths form FFL / GL., in any position & any shape for all structures & mass concrete, as per specifications but excluding the cost of form works & steel reinforcement. (Rate to incl. labour for keeping embedments if any, wherever required while casting) & curing complete. All material to confirm relavant IS standards. The concrete mix design shall be confirming to latest IS 10262 with min. cement content (as stated below - However minimum cement content stated below and according to Design mix whichever higher to be followed) for durability & the same shall be done in testing laboratory approved by the EIC.	Cmt.	31.00		
8	Supplying, fabricating and placing in position reinforcement bars of all diameter confirming to IS-1786 reinforcement for RCC structure / items as per design including transporting steel to the work site, handling wastage, decoiling, cutting, bending, cranking, fabricating to required shape, placing in position, binding with 18 gauge (1.22 mm) MS wires, welding if necessary by using approved welding rods etc. for all levels etc. complete as directed by the engineer-in-charge. The quoted rate should be inclusive the cost of binding wire and the same will not be measured and paid separately. (Rolling margin's and wastage shall not be paid.) Measurement will be made on the length basis and converted into weight by using standard co-efficient) (For all civil, plumbing & electrical works.) TMT bars Fe- 500, yield stress not less than 500 N/mm <sup>2</sup>	Kg	3045.00		
9	Providing form work rigid and water tight, centering and shuttering using best quality of ordinary timber planking and/or shuttering plywood /steel plates with supporting system of MS adjustable steel props /Hframe / spans / Frames for all RCC works all heights / all levels / all depths / all floors in horizontal / vertical / slanting surfaces of any shape and size including strutting, propping, bracing, staging etc. complete, so as to give smooth/ fair finish and careful removal of formwork etc. complete all as per specifications and direction of Engineer-in-charge. The Height of propping and centering below supporting as specified below. For all civil, plumbing & electrical works.	Smt	97.00		

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Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
10	Providing and laying Bricks masonry works using common burnt clay conventional building bricks confirming to IS 1077-1986 of having crushing strength not less than 50 Kg/cm <sup>2</sup> . in foundations and upto all levels, in CM 1:6 (1 cement :6 find sand), in any shape & all depth, including curing, scaffolding, racking / flush jointing etc. complete, as directed. For all civil, plumbing & electrical works.	Cmt.	15.00		
11	Providing and laying average 12 mm. thick single coat smooth finishing using steel float (mala finish) plaster in CM 1:3 (1 cement : 3 coarse river sand), on ceilings and stair soffits at all floors / all levels / all heights / all shapes with necessary scaffolding, curing, making grooves, forming pattas, closed hacking i properly RCC surface including applying neat cement slurry on RCC Surface etc. complete as directed by the Engineer-in-charge. For all civil, plumbing & electrical works.	Smt	45.00		
12	Providing and laying ceramic tiles 8 to 10 mm thick, of any size as per detail, in floor of approved make and colour such as Somani/Asian/ Naveen or equivalent of first quality set in cement slurry over minimum bedding of 12 mm thick cement mortar 1:3 laid to proper slope, line and level, as specified including curing and cleaning with the mild oxalic acid etc. all complete as directed. a).300 mm x 300 mm. b).450mmx300mm.	Smt	23.00		
13	Providing & fabricating MS Structural steel work in bolted or welded in built up sections, trusses and framed work including supplying, fabricating, cutting, assembling, hoisting and fixing in position at all heights of all shapes and size with all leads and lifts for the work of monkey ladder, spiral staircase, railing, gate, insert plate, cattle trap, rain water spout etc. It should be including necessary plates, rolled joists, channels, angles, tees, flats, position hip and jack lifters, purlins, etc. confirming to latest IS 4923, IS 1161, IS 806 including cutting and welding the members as per detailed drawing and design. The rate shall include zinc chromate yellow oxide primer and 2 coats of synthetic enamel paint of approved make over all the surfaces of the steel sections. complete as directed.	Kg	72.00		
14	Making and finishing cut-outs in bricks work upto thickness of 400mm for any height and following sizes including necessary dismantling, debries removing, finishing with plaster to match with existing surface in proper line & level, scaffolding, grouting of sleeves etc. complete as directed.				
a	size: up to 300mm	Nos	6.00		
b.	size: 300mm to 600mm	Nos	4.00		
c.	size: 600mm to 1000mm	Nos	3.00		
15	Dismantling brick work including removing debries within / outside the premises as & where directed.	Cmt.	4.00		
16	Dismantling R.C.C work including cutting reinforcement & removing debries within / outside the premises as & where directed.	Cmt.	3.00		
17	Removing any type of existing flooring & dado including removing debries outside the premises as & where directed	Smt	29.00		

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Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
18	Tractor Trips from one site to another site including loading of any material, debries, earth, and unloading the same within AFD premised or outside without spillage of material and tyre marks on road. Spillage or marks if observed during transportation of material same shall be cleanded any contractor at his own cost and risk.	Nos	11.00		
19	Making & Erecting the foundation bolts/pockets, base plates etc. as per the recommendations of the manufacturer. complete as directed.	Nos	17.00		
20	Providing and Grouting the foundation bolts/pockets, base plates with ACC Shrinkkomp grade-2/ GP2 of FOSROC or FLOWGROUT 60 of FAIRMATE ready mixed non shrink, free flow, self levelling, cementitious grout making holes if necessary in concrete, curing etc. as per the recommendations of the manufacturer, complete as directed.	Smt	2.00		
	<b>Net Amount for A</b>	<b>Rs.</b>			
	<b>GST @ 18%</b>	<b>Rs.</b>			
	<b>Total Amount with GST</b>	<b>Rs.</b>			

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Technical Specification and Scope of work for Civil and structural work for 30KL 120KL Civil Foundation at AmulFed Dairy.

Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
<b>B</b>	<b>Civil and structural work for 120KL Silo Civil Foundation behind Ghee plant.</b>				
1	Excavation in all kinds of soils upto 1.50mt depth for all type of foundations, trenches, roads, surface levelling etc. dressing sides and bottom of the excavated area battering or forming benches, pumping & bailing out of water, shoring and strutting sides of excavation, refilling including ramming watering, consolidating etc., including disposing of surplus earth upto 1500mts within/ outside the AmulFed Dairy site as directed.	Cmt.	114.00		
2	- do as above but- 1.50 mtr. To 3.0 mtr. Depth	Cmt.	90.00		
3	Filling with available excess selected excavated earth (excluding rock and black cotton soil), in plinth & dairy primacies etc, in layers not exceeding 15 cm. in depth, including breaking the clods, watering to optimum moisture content, ramming and compacting by mechanical means of suitable type of vibrator, including freight, transportation, loading, unloading, screening, passes etc. all complete as instruction & directions of the Engineer-in-charge (Consolidated measurements of fill shall be paid for under this item). The rates shall include for all leads and lifts including transporting using mechanical / manual means within the plot area. Note: Using excess available excavated earth from foundations and dressing of the plot	Cmt	17.00		
4	Filling, in foundation and plinth (under floors), with good quality coarse river sand, obtained from outside, including watering, ramming well, consolidating and dressing etc. complete all as per specifications and direction of Engineer-in-charge	Cmt.	4.00		
5	Providing, stacking and laying rubble soling, 23 cm. thick (compacted thickness), in a compact manner to required camber & gradient as per drawing, in subbase for road using 150 to 230 mm. hand broken black hard stones, covering and levelling the surface with a layer of murrum after filling the voids with smaller sized stones or stone chips, including watering, rolling well with power roller of 8 to 10 ton capacity and consolidating each layer, as directed.	Cmt.	8.00		
6	Providing and laying Plain Cement Concrete 1:4:8 including compaction, finishing top surface to the level curing but excluding cost of formwork etc. complete as per specifications and directions as per Engineer-in-charge. In foundations, plinth, sub base of floors etc. (For all civil, plumbing and electrical works)	Cmt.	19.00		

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Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
7	Providing & laying in position controlled reinforced cement concrete of M-25 grades with machined batched & machine vibrated design mix concrete using graded hard (black trap) stone agg. of 20mm nominal size obtained from quarry incl. mechanical mixing, mechanical vibrating, compaction, finishing, curing etc. The rates shall be inclusive of placing, spreading, compacting etc. complete for all RCC work, for all floors / all levels / all heights / all depths form FFL / GL., in any position & any shape for all structures & mass concrete, as per specifications but excluding the cost of form works & steel reinforcement. (Rate to incl. labour for keeping embedments if any, wherever required while casting) & curing complete. All material to confirm relavant IS standards. The concrete mix design shall be confirming to latest IS 10262 with min. cement content (as stated below - However minimum cement content stated below and according to Design mix whichever higher to be followed) for durability & the same shall be done in testing laboratory approved by the EIC.	Cmt.	54.00		
8	Supplying, fabricating and placing in position reinforcement bars of all diameter confirming to IS-1786 reinforcement for RCC structure / items as per design including transporting steel to the work site, handling wastage, decoiling, cutting, bending, cranking, fabricating to required shape, placing in position, binding with 18 gauge (1.22 mm) MS wires, welding if necessary by using approved welding rods etc. for all levels etc. complete as directed by the engineer-in-charge. The quoted rate should be inclusive the cost of binding wire and the same will not be measured and paid separately. (Rolling margin's and wastage shall not be paid.) Measurement will be made on the length basis and converted into weight by using standard co-efficient) (For all civil, plumbing & electrical works.) TMT bars Fe- 500, yield stress not less than 500 N/mm <sup>2</sup>	Kg	5355.00		
9	Providing form work rigid and water tight, centering and shuttering using best quality of ordinary timber planking and/or shuttering plywood /steel plates with supporting system of MS adjustable steel props /Hframe / spans / Frames for all RCC works all heights / all levels / all depths / all floors in horizontal / vertical / slanting surfaces of any shape and size including strutting, propping, bracing, staging etc. complete, so as to give smooth/ fair finish and careful removal of formwork etc. complete all as per specifications and direction of Engineer-in-charge. The Height of propping and centering below supporting as specified below. For all civil, plumbing & electrical works.	Smt	103.00		

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11	Providing and laying average 12 mm. thick single coat smooth finishing using steel float (mala finish) plaster in CM 1:3 (1 cement : 3 coarse river sand), on ceilings and stair soffits at all floors / all levels / all heights / all shapes with necessary scaffolding, curing, making grooves, forming pattas, closed hacking i properly RCC surface including applying neat cement slurry on RCC Surface etc. complete as directed by the Engineer-in-charge. For all civil, plumbing & electrical works.	Smt	54.00		
12	Providing and laying ceramic tiles 8 to 10 mm thick, of any size as per detail, in floor of approved make and colour such as Somani/Asian/ Naveen or equivalent of first quality set in cement slurry over minimum bedding of 12 mm thick cement mortar 1:3 laid to proper slope, line and level, as specified including curing and cleaning with the mild oxalic acid etc. all complete as directed. a).300 mm x 300 mm. b).450mmx300mm.	Smt	32.00		
13	Providing & fabricating MS Structural steel work in bolted or welded in built up sections, trusses and framed work including supplying, fabricating, cutting, assembling, hoisting and fixing in position at all heights of all shapes and size with all leads and lifts for the work of monkey ladder, spiral staircase, railing, gate, insert plate, cattle trap, rain water spout etc. It should be including necessary plates, rolled joists, channels, angles, tees, flats, position hip and jack lifters, purlins, etc. confirming to latest IS 4923, IS 1161, IS 806 including cutting and welding the members as per detailed drawing and design. The rate shall include zinc chromate yellow oxide primer and 2 coats of synthetic enamel paint of approved make over all the surfaces of the steel sections. complete as directed.	Kg	72.00		
14	Making and finishing cut-outs in bricks work upto thickness of 400mm for any height and following sizes including necessary dismantling, debries removing, finishing with plaster to match with existing surface in proper line & level, scaffolding, grouting of sleeves etc. complete as directed.				
a	size: up to 300mm	Nos	2.00		
b.	size: 300mm to 600mm	Nos	3.00		
c.	size: 600mm to 1000mm	Nos	3.00		
15	Dismantling brick work including removing debries within / outside the premises as & where directed.	Cmt.	3.00		
16	Dismantling R.C.C work including cutting reinforcement & removing debries within / outside the premises as & where directed.	Cmt.	6.00		
17	Removing any type of existing flooring & dado including removing debries outside the premises as & where directed	Smt	8.00		

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19	Making & Erecting the foundation bolts/pockets, base plates etc. as per the recommendations of the manufacturer, complete as directed.	Nos	11.00		
20	Providing and Grouting the foundation bolts/pockets, base plates with ACC Shrinkkomp grade-2/ GP2 of FOSROC or FLOWGROUT 60 of FAIRMATE ready mixed non shrink, free flow, self levelling, cementitious grout making holes if necessary in concrete, curing etc. as per the recommendations of the manufacturer, complete as directed.	Smt	2.00		
	<b>Net Amount for B</b>	<b>Rs.</b>			
	<b>GST @ 18%</b>	<b>Rs.</b>			
	<b>Total Amount with GST</b>	<b>Rs.</b>			

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