



AmulFed Dairy

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

(PREVIOUSLY KNOWN AS MOTHER DAIRY, GANDHINAGAR)

AFD: CIVIL: INQ: 20231001

October 16, 2023

To,

Sub: - Inquiry for Civil Drain line work at Ice cream Mix Room & CI Tiles laying at Anti Room Ice cream plant at AFDG.

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 Drain line work at Ice cream Mix Room & CI Tiles laying at Anti Room Ice cream plant 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: 26th October 2023.

➤ **General Terms & Conditions.**

1. Contractor has to quote rates considering work is to be carried out at AmulFed Dairy, Gandhinagar.
2. Your rates should be including of all material cost, labour cost, octroi, loading, unloading at AmulFed Dairy.
3. The Contractor will have to bring his own tools, tackles, ladders, accessories, scaffolding etc.
4. Specify Tax Condition. GST will be applicable or not. If tax condition is not specified your rates shall be considered as inclusive of all taxes.
5. **It is advisable to visit the site before quoting your rates.**
6. If work is to be carried out in emergency basis or during Shutdown period, contractor should Carry out work on emergency basis, night work shall be permitted under such Intervention to meet production schedule.
7. Payment terms: 30 days after submission of bill based on JMS / JMR.
8. Quantity indicated here is estimated; it may vary on either side however payment shall be made as per the actual work executed at site based on JMS / JMR.
9. To the extent possible extra item shall be avoided. If however is necessary done as per site Condition & is not envisaged in the current SOR we shall fix the rate base on competitive Offers from the market which shall be binding to the contractor. Contractor should inform well in advance about the requirement of the extra item to us to get enough time to collect Comparative offers.

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10. All the legal/administrative records like muster roll, salary register, labour license, PF, ESI etc. to be maintained & submitted as and when required and contractor is responsible for labour laws and rules/regulations etc.
11. Cleaning of site must be required after day-to-day work.
12. Your workmen should wear the identity card of your company while executing jobs at AFD, Gandhinagar.
13. In case, any of your workmen get injured due to Accident, while working within premises of AFD, or any damage to our equipment or property has taken place due to your workmen, you will repay the damages/losses.
14. We are ISO 9001:2004 QMS (Quality Management System), ISO 14001:2004 (Environmental Management System) ISO 22000:2005 FSS (Food & Safety System) certified unit. We expect you to follow eco-friendly process in your Company such as waste minimization, reduction in air pollution, waster pollution and soil Contamination etc.
15. Chewing pan masala, tobacco & smoking is strictly prohibited in AFD premises and if any person is catch then penalty would be Rs. 5000/- each.
16. 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. Proper barricading of the work area should be done to prevent dust dirt etc. in the environment.
17. Water and Electricity will be provided by AFD and will recover the 0.25% of Each Bill Value for both Water & Electricity.
18. Safety is the utmost priority inside the premises & Contractor must ensure your team to follows all the safety norms (like use of PPE Personal Protective Equipments, fall protection, secured & safe staging, scaffolding etc.) A safety hand book shall be provided for ready reference if required. If any person not following the safety rules and regulations penalty would be Rs. 1000/- from the Bill.
19. Contractor shall indemnify AFD from any kind of losses due to the activities of the contractor.
20. All works 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.
21. **Maximum Rs. 1,00,000.00 Security deposit**, which will be submitting in the form of bank guarantee / DD up to defect liability period at time of acceptance of order and will be released after **12 months** after completion date.
22. Retention Money Rs. 50,000.00 have to submitted, which will be released after six month of completion period.

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

Yours faithfully,


M.C. Melhi

For, AmulFed Dairy, Gandhinagar.

Annexure : I

Technical Specification and Scope of work for Civil Drain line at Ice cream Mix Room CI Tiles laying at Anti Room Ice cream plant at AFDG.

Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
A	Civil Drain Line Work Out Side Mix Room Ice Cream Plant .				
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.	36.00		
2	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	12.00		
3	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		
4	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.	7.00		
5	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.	6.00		

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Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
6	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 relevant 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.	12.00		
6.a.	Extra and additional rate for providing and laying in position Ready Mixed M-25 grade concrete for reinforced cement concrete work, concrete mix proportion as per mix design which is approved by consultant including transported to site for work in transit mixer for a lead up to 25 kms having continuous agitated mixer also including pumping of R.M.C. from transit mixer to site of laying, incl. surface finishing the rate should be including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement content and targeted strength should be maintain as per latest IS456) Bidder should quote rate for at all level and all height.	Cmt.	12.00		
7	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 ²	Kg	1101.00		

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Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
8	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	31.00		
9	Providing and laying Bricks masonry works using common burnt clay conventional building bricks conforming to IS 1077-1986 of having crushing strength not less than 50 Kg/cm ² . in foundations and upto all levels, in CM 1:6 (1 cement :6 fine sand), in any shape & all depth, including curing, scaffolding, racking / flush jointing etc. complete, as directed. For all civil, plumbing & electrical works.	Cmt.	3.00		
10	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	12.00		
11	Providing and laying average 18-20 mm. thick Sand faced cement plaster on walls upto any height above ground level and for all shapes / jambs sills / soffits, consisting of first coat / base layer of average 12-15 mm. thick in CM 1:4 (1 cement: 4 coarse sand) and average 6 mm. thick uniform grained textured finish coat using wooden Gutka, in CM 1:2 (1 cement: 2 sand), including scaffolding, forming grooves, drip moulds, pattas, closed hacking RCC surface, curing etc. complete as per specifications and direction of engineer-in-charge. for all civil, plumbing & electrical works.	Smt	12.00		
12	Providing and fixing in position acid and alkali resisting red mandana stone of approved size and 32-37 mm thick for flooring, 16 to 18 mm thick for skirting and dado including two coats of acid and alkali preventive primer, fixing stones on average 37 mm thick cement mortar bedding 1:3 (1 part cement, 3 part coarse sand) with acid proof powder keeping the joint 6 mm to 10 mm wide all around and filling the same with epoxy resin and hardener of approved quality including hand / machine polishing, wax polishing etc. complete as directed.	Smt	20.00		

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Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
13	Providing & laying non skid Endura (Acid-Alkali resistant) INDUSTRIAL TILES ENDURA / PAVIT make 18-20 mm thick manufactured by M/s H & R Johnson (India) or Pavit Ceramics or equivalent for industrial flooring including fixing tiles over 4 to 5 mm thick bed of Laticrete 111 crete filler powder & Laticrete 73 Latex crete admixed in the proportion as mentioned below, keeping the joints 5 mm wide alround for epoxy grouting. The tiles shall be fixed as per detail specification : (1) Cleaning the surface thoroughly with wire brush.(2) Fixing tile over 5 mm thick bed of Laticrete 111 crete filler powder & Laticrete 73 Latex crete admixed in proportion (20 kg Laticrete 111+ 5 to 6 ltr Laticrete 73). The joint should be filled with approved quality anti-fungal epoxy grout Latapoxy 2000 manufactured by M/s Laticrete or approved equivalent, as per manufacturer specifications or as directed. The laying of Tile shall be got done through the authorised applicator of the manufacturer.	Smt	5.00		
14	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	5.00		
15	Providing & filling Acid Alkali proof Epoxy joint of redmandana stone by using epoxy resin of approved make Araldite / Chemiprotec or equivalent including removing of decayed joint materials, surface prepration, opening & cleaning of the joints before re-filling the new apoxy mortar etc. complete as directed.	Rmt	50.00		
16	Dismantling brick work including removing debries within / outside the premises as & where directed.	Cmt.	2.00		
17	Dismantling R.C.C work including cutting reinforcement & removing debries within / outside the premises as & where directed.	Cmt.	5.00		
18	Removing any type of existing flooring & dado including removing debries outside the premises as & where directed	Smt	20.00		
19	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	5.00		
20	Supply of skilled Mason	Nos	2.00		
21	Supply of unskilled Labour	Nos	4.00		

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Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
22	Providing & laying Under ground ISI HDPE pipe line of approved make like Kisan etc.of pressure 10 Kg/cm ² - p80 grade with excavation for trenches up to average 1.50 mtr to 2.50 mtr depth, laying & jointing of pipe with solution in slope with welding of pipes as per requirement including providing BK. Masonary pillars of 23 x 23 cms or 35 cm x35cm size & ht. as per requirement below pipe for supports, with all require specials like elbow,Tee,coupler,reducer etc with refilling of trenches, testing etc complete as directed. 300mm dia	Rmt	17.00		
23	Driling and making hole at Soil below groudn level at requiried depth for HDPE pipe laying through Auguring work of 300mm dia.	Rmt	17.00		
24	Constructing following of manholes 10mm PCC 1:4:8 foundation 230mm brick wall with smooth plaster Size 1500 x 1500 x 2000mm deep	Nos	2.00		
25	Providing and applying "Apex" or "weather coat" of Asian or British paints to exterior surfaces of walls including cleaning old plastered surface/new wall with wire brush, two or more coats of approved shade at all height as directed as above for Sand faced plaster.	Smt	12.00		
	Net Amount	Rs.			
	GST @ 18%	Rs.			
	Total Amount with GST	Rs.			

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Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
B	CI Tiles Flooring at Ice cream Air Lock Room. .				
1	Providing & Laying cast-iron tiles having weight 6 Kg. each of size 300 x 300 as per NDDDB pattern in line and level and slope as per detail and instruction of engineer, over average 75 mm thick bedding of cement concrete grade M 25 , including filling the cement mortar 1 : 1 (1 : cement 1 : sand), joints with cement paste including curing, hand/machine polishing cleaning the surface etc., all completed as directed. The rate shall include C.I. tiles. with Bonding Agent Chemical.	Sqmt	95.00		
2	Removing any type of existing flooring & dado including removing debries outside the premises as & where directed	Sqmt	95.00		
3	Providing and laying machine mixed & machine vibrated reinforced cement concrete mix of M-20 grade for foundations, plinth, Columns beams, slabs, retaining walls, cantilever slabs & tie beams, lintels, chajjas, pardis, railings, rib beams, staircase slabs and landings (conventional folded & stringer), walls with or without pilasters / butt resses, fins, facias, gutters, waffles, pargola, over head & U. G. water tank, road kerbing etc. at all level below ground and up to 6.00 Mtrs. above ground as per deisgn given by engineer incharge etc.complete as directed.	Cmt	9.00		
4	Providing form work using steel plates / ply woods including centering and shuttering, strutting and propping etc complete for all type of RCC work at all levels below ground and up to 7.00 mtrs. above plinth level as per design & drawing given by architect / enigneer including subsequent removal complete as directed.	Sqmt	20.00		
5	Providing and fabricating approved make TMT reinforcement steel for RCC work including bending, binding and placing in position and tying the system with soft drawn annealed binding wire of diameter not less than 1.00 mm with 2 strands etc. complete as directed.	Kg.	180.00		
6	Providing 20 to 25 mm thick water proof cement plaster in double coat on any surface at all heights, finish even and smooth in CM 1 : 4 including providing and mixing water proofing material such as pidilite or equivalent as approved by engineer in cement mortar as proportion recommended by manufacture	Sqmt	30.00		
7	Dismantling R.C.C work including cutting reinforcement & removing debries within / outside the premises as & where directed.	Cmt	8.00		
8	Providing Electric Braker machine with operator & un skilled labor, on highred basis for miscellaneous dismantling, chipping etc work. including necessary debris removing, site cleaning etc. Time will be cosidered from work started at site till work is completed at site.	Day	5.00		

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Sr. No.	Description	UOM	Qty.	Rate	Amount Rs.
9	Tractor Trips from one site to another site including loading of any material, debris, earth, and unloading the same within AFD premises or outside without spillage of material and tyre marks on road. Spillage or marks if observed during transportation of material same shall be cleaned any contractor at his own cost and risk.	Nos.	5.00		
10	Providing and fixing in position chemical anchor fastener of Hilti or equivalent approved make with HY-150 Chemical, including drilling holes in RCC elements at all floors / all levels / all heights / all places as per the drawings and direction of Engineer-in-charge. The rates quoted shall be inclusive of drilling holes, providing chemicals, providing anchors, fixing, tightening, etc complete including cost of scaffolding complete.				
	a) HY Chemical Anchor + HAS-E M10x90/21 (Bolt) - 10mm dia & 125 mm long	Nos.	8.00		
	b) HY Chemical Anchor + HAS-E M12x110/88 (Bolt) - 12mm dia & 213 mm long	Nos.	8.00		
	Net Amount	Rs.			
	GST @ 18%	Rs.			
	Total Amount with GST	Rs.			
	Grand Total Amount	Rs.			
	GST @ 18%	Rs.			
	Grand Total Amount with GST	Rs.			

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