



A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

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

AFD: PUR: HSG: 20 KL tank.

13 Sept., 2023

To,

Dear Sir,

Sub: **Request for Quotation (RFQ)** for “M S Tank 20 KL as per IS 2062 and IS 10987 “ as mentioned in annexure.

We invite your most competitive offer for **M S Tank 20 KL as per IS 2062 and IS 10987** 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 GCMFF Ltd) Plot No-35, Nr. Indira Bridge, Ahmedabad - Gandhinagar Highway. Village Bhat, Dist - Gandhinagar. Pin - 382 424.
2. Due Date: **Sept. 23, 2023 before 17:00 hours**
3. The offer should be submitted in portal only. First of all register your firm on shared link if not registered. After completing formality of registration mail to hardik.gajjar@amul.coop.
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 successful installation & commissioning. 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 invite for participation.**

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.

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

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Website for our portal is as >>>: <http://afdpurchase.amul.in/>

Click Below links for Guidelines :

1. [Guide for VRF - MANUFACTURERS](#)

14. **Eligibility criteria: Must be manufacturer and have executed similar type/value of order.**
15. **Once registration process completes, we invite vendor to submit offer. Vendor has to submit technical first. Only after technical evaluation vendor can submit commercial bid.**

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 Ajit Ran : ajit.rana@amul.coop

Yours Faithfully,

For AmulFed Dairy,

Purchase Depart.

AmulFed Dairy

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SITC of Underground MS storage tank 2 X 20 KL as per IS 2062 and IS 10987

Dear Sir,

You are requested to give your most competitive rates for Supply, Installation, Testing and Commissioning (SITC) of underground storage tank of 20 KL * 02 Numbers Capacity, MOC - MS as per IS 2062 and IS 10987

Quantity: 20 KL * 02 Numbers Capacity, MOC - MS as per IS 2062 and IS 10987

Purpose: Under Ground Storage of Petroleum class A (Solvent -reducer Ethanol).

Annexure - I

MS Underground Storage Tank shall be in welded construction and shall be made from Mild steel plate confirming IS 2062 and tank shall be designed, Fabricated, tested and inspected as per IS 10987

Function:

The Storage Tank shall be used for storage of Petroleum Class A solvent (Ethanol) underground.

Design Requirements:

1. The Tank Shall be in welded construction and shall be made from Mild Steel Plate confirming IS -2062
2. Tank shall be designed, Fabricated, Tested and inspected as per IS 10987 for Horizontal cylindrical tanks for under grounds tanks.

Installation: It shall be suitable for outside Underground installation. The accessories mounted shall be weather proof. Arrangement of Hydra crane, lifting equipment's for installation of tank in position is in vendor scope.

SUBMITTALS:

1. GA drawing
2. Fabrication drawing
3. Hydro test Report
4. Any other test report required as per IS 10987



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FABRICATION GUIDELINES

1. Tank shall be designed, Fabricated, Tested and inspected as per IS 10987 for Horizontal cylindrical tanks for under grounds tanks.
2. All the basic raw materials must confirm to IS 2062 standards or as specified on drawings, wherever applicable.
3. MOC shall be as specified in the approved fabrication drawings.
4. AFDG is free to inspect the materials visually. Raw materials shall be tested from Government approved / recognized institute or laboratory. The Chemical and physical test report shall be submitted to AFDG. However, in case due to shorter delivery period, fabrication shall be taken on priority basis and will not wait for approval, if the purchased materials are from reliable sources.
5. Fabrication work shall be carried out by skilled fitters / welders. Only approved welders shall be employed for this job.
6. MS sheets cutting shall be through shearing machine, however, higher thickness plates that cannot be managed through shearing machine; PUG gas cutting and profile cutting with laser can be adopted.
7. All the holes shall be drilled/ punched/ core cut. Slots shall be punched / milled. Under any circumstances holes / slots shall be not gas cut without prior approval.
8. Debarring tools shall be used for holes and slots to remove the burrs from both sides if required.
9. All the sharp corners and edges shall be removed, chamfered and smoothened.
10. Welding electrodes shall be of ADVANI / ESAB make. Welding rods shall be pre- heated in the oven / heating jackets to maintain the temperature as per manufactures' standards.
11. Welding rectifier, Plasma cutting, Gas cutting, Gas torch etc must be in excellent condition.
12. Mechanical handling facilities preferably shall be used during lifting / assembly of the components to the extent possible.
13. Please arrange required jigs and fixture, wherever applicable.
14. Dimensional tolerances and critical functions / interface dimensions shall be maintained.
15. Please maintain straightness of all parts after fabrication.
16. Please maintain the thickness of weld deposit.
17. The welding shall be smooth in horizontal and vertical run and shall not spoil the parent materials.
18. All precautions shall be taken to avoid deformation / buckling / twist during fabrication or welding.
19. Grinder shall not be used on welded surface except for surface of mating parts.

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20. Internal inspection report shall be submitted to AFDG for each lot of materials. Please check each component dimensionally after fabrication. Please follow AFDG's standard/ approved format of inspection to maintain the record
21. Please provide physical dimensional checking instruments during inspection.
22. Please carry out the modification / rectification as per the instruction of inspector.
23. Please submit chemical and physical test report for basic raw materials.
24. Templates should be made for all flanges for instant checking of dimensional accuracy and fitment.
25. Good engineering practice and Good Manufacturing Practice should be followed to have high quality workmanship
26. All materials should have manufacturers' test report with heat number marked too on the materials. It should also be got tested from independent test laboratory, stamped and marked for identification.
27. Third party inspection as well as inspection by the purchaser shall be there besides all other statutory authorities.
28. All works shall be carried out as per the instruction of the Engineer-in-Charge

PAINING

1. Painting shall be carried out after removing the welding spatters, grease, oil etc thorough mechanical and chemical cleaning.
2. Painting will be carried out after fabrication and proper surface finish. Only spray painting is allowed. So, roller brush painting will be done at certain occasions. Painting will be done after proper surface preparation of virgin material surface (SA 2.5 with fresh shot blasting - only one time use) as per following scheme:
 - a. First primer coat 35 micron minimum
 - b. Second primer coat after 48 hours 35 micron minimum
 - c. First epoxy coat 35 micron after 48 hours minimum
 - d. Second epoxy coat after 60 hours 35 micron minimum
3. Shade as per IS color code IS 2379 1990 reaffirmed 2010 or as per the latest amendment DARK ADMIRAL GREY SHADE 632 of ISI
4. Primer BERGER EPILUX 610 grey colour - two coats before dispatch
5. Final coats after erection at site or before erection corrosion resistant epoxy Berger BERGER EPILUX FRX anti-corrosive coating
6. All structural members shall be cleaned by blasting to remove dirt, grease, oil and loose mill scale and given one shop coat of Primer. One coat of Epoxy Paint of approved color and make will be applied by contractor at site, prior to erection & final coat after erection as per attached painting specification for coasted area.
7. Spray painting at site will be allowed with proper barricading and protection



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DESPATCH INSTRUCTIONS

1. Supplier shall mail the (DPL) Delivery Parts List/ packing list and (IIR) Internal Inspection Report and (PI) Proforma Invoice immediately, of the materials ready for despatch with signed copies through email.
2. AFDG may arrange inspection or give waiver of inspection and shall give dispatch clearance

Rates must be inclusive of P&F, loading/unloading, Freight, Insurance, Lodging/boarding etc.

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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

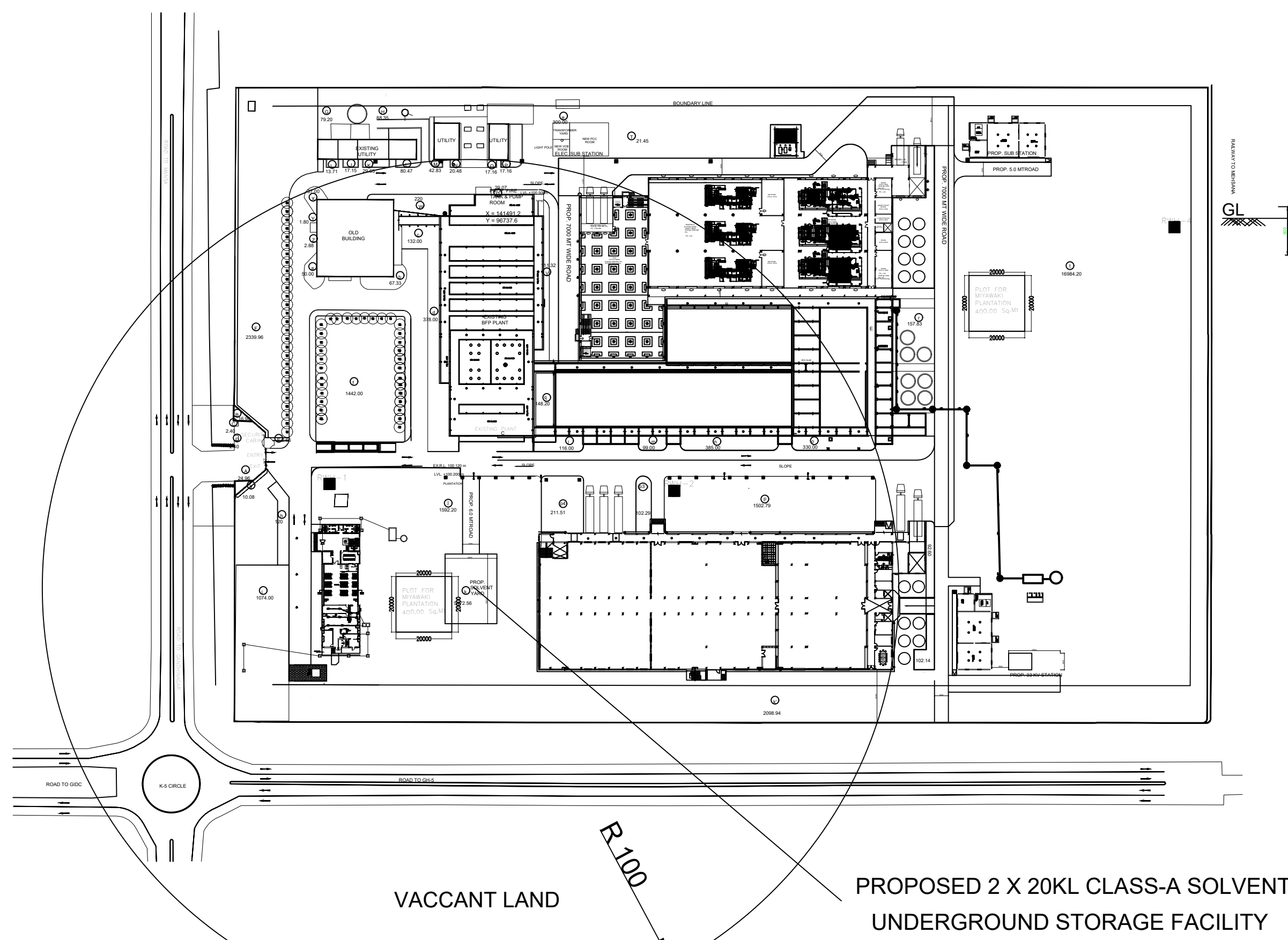
DATE : _____

SIGNATURE OF BANK OFFICIAL

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

PROPOSED PLAN FOR THE 40 KL CLASS-A UNDERGROUND SOLVENT STORAGE FACILITY OF M/S AMULFED DAIRY PACKAGING FILM PLANT AT SECTOR- 25, GANDHINAGAR VILLAGE, GANDHINAGAR TALUK, GANDHINAGAR DISTRICT, GUJARAT STATE

APPROVAL STAMP



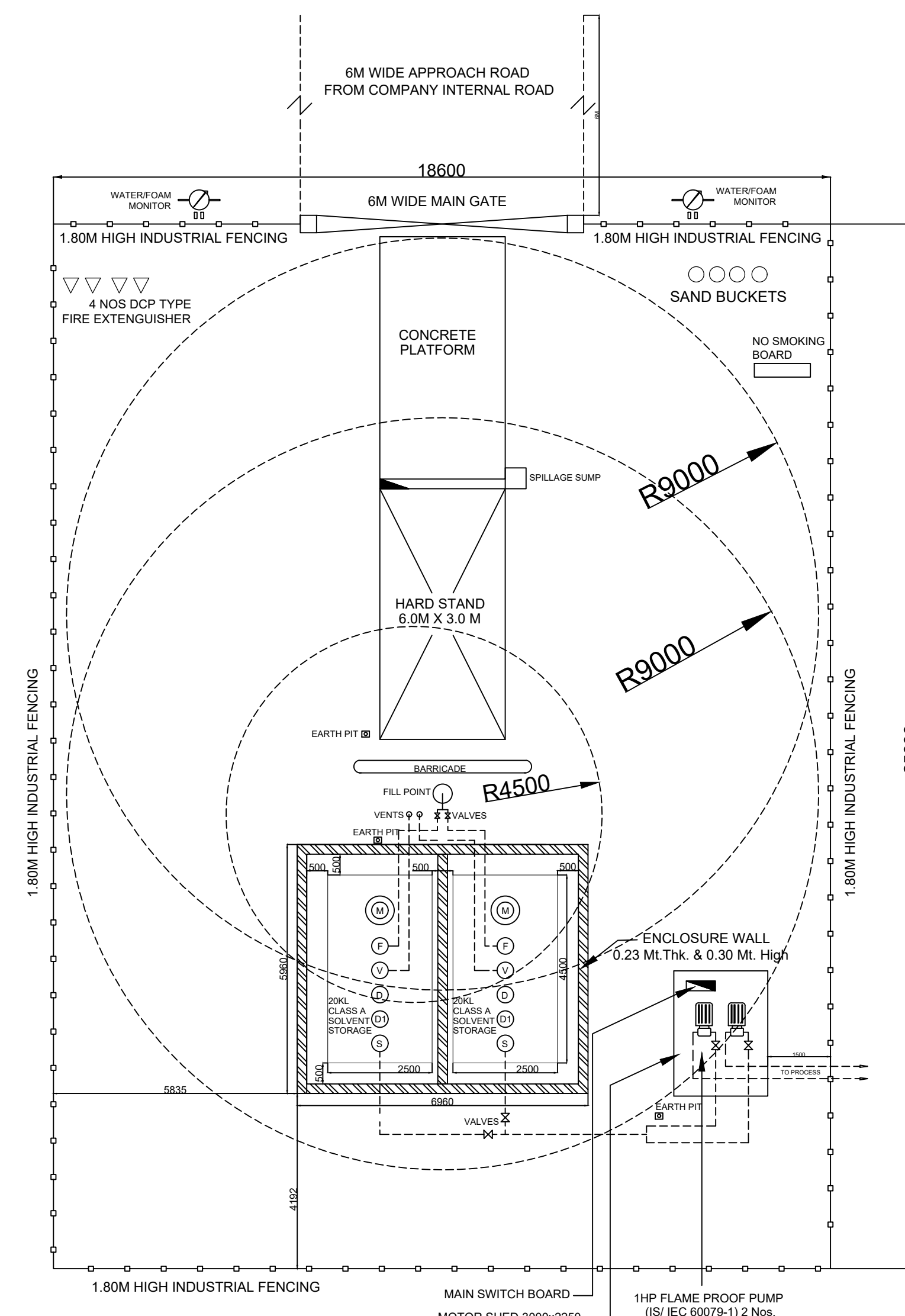
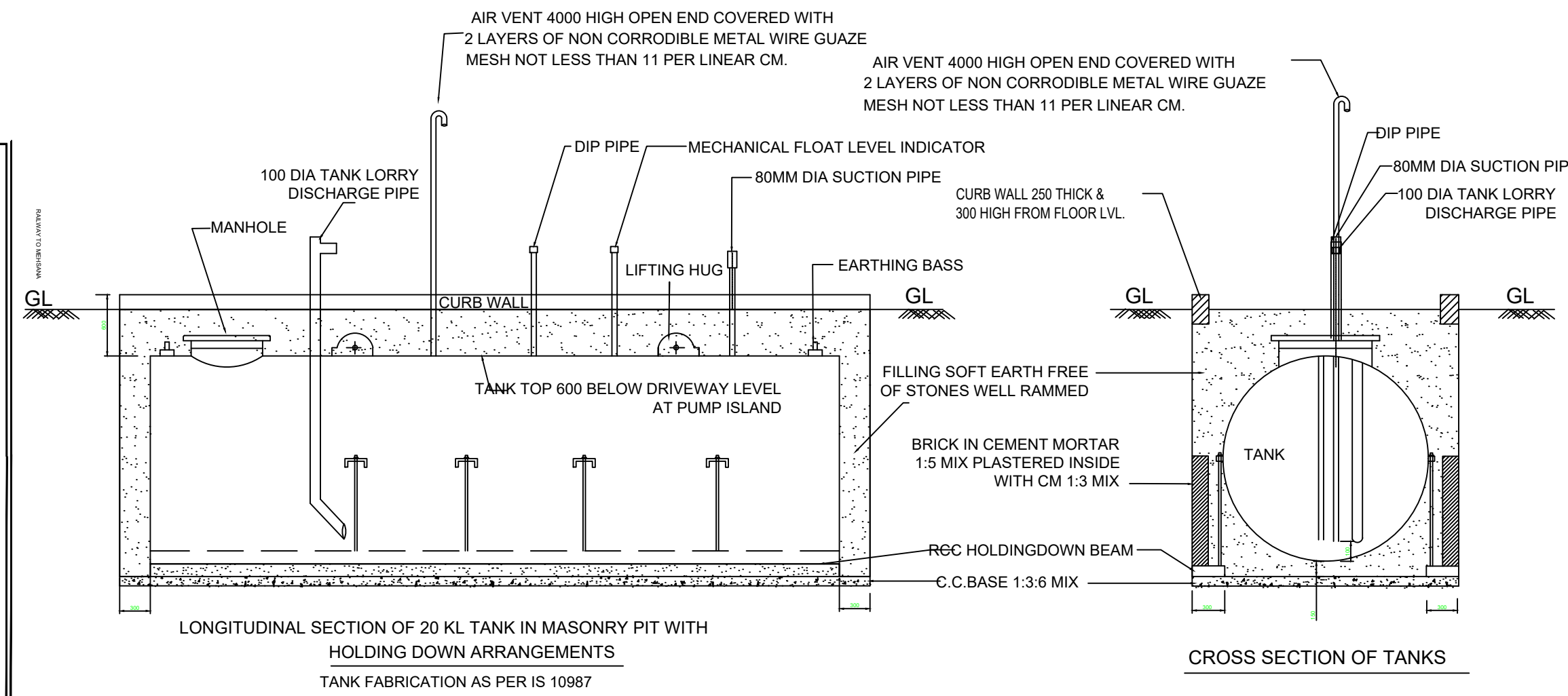
KEY PLAN
SCALE 1:100

CONSTRUCTION CODE AS PER IS: 10987					
DETAILS OF STORAGE TANKS					
TANK NO.	SIZE IN METERS	CAP.	PRODUCT	PET. CLASS	FLASH POINT
T-1	2.50M DIA X 4.50M LENGTH	20 KL	SOLVENT	'A'	14°C
T-2	2.50M DIA X 4.50M LENGTH	20 KL	SOLVENT	'A'	14°C
TOTAL VOLUME CAP. 40KL					
APPROVAL CAP. EXCLUDING 5% VAPOUR SPACE: 19 KL EACH					

FLAME PROOF PUMPS AS PER IS/ IEC 60079-1			
DETAILS OF FLAME PROOF PUMPS			
PUMP NO.	SPECIFICATIONS	CAPACITY	PRODUCT
P-1	CENTRIFUGAL PUMP	5M3/HR	CLASS-A SOLVENT
P-2	CENTRIFUGAL PUMP	5M3/HR	CLASS-A SOLVENT

S - 80 MM ϕ SUCTION PIPE
 MH - 600 MM ϕ MAN HOLE
 D - 50 MM ϕ DIP PIPE PERFORATED
 V - 50 MM ϕ VENT PIPE 4M HIGH
 F - 100 MM ϕ FILL PIPE

M	MANHOLE
F	FILL POINT
V	VENT
D	DIP
D1	MECHANICAL FLOAT LEVEL INDICATOR
S	SUCTION



SITE PLAN
SCALE 1:100

NOTES :

1. ALL DIMENSIONS ARE IN MILLI METERS UNLESS OTHERWISE NOTED.
2. ALL PIPES PASSING UNDER ROADS SHALL BE ENCASED IN HUME PIPE SLEEVES OF ADEQUATE DIA.
3. BARE PIPES, IF BURIED, SHALL BE WRAPPED AND COATED AS PER IS: 10221 TO PROTECT AGAINST CORROSION.
4. UNLOADING HOSE PIPES WILL BE ELECTRICALLY & MECHANICALLY CONTINUOUS & DULY TESTED FOR SAFE WORKING
5. PIPES LAID ABOVE GROUND OR IN TRENCHES SHALL BE SUPPORTED SUITABLY AS PER STANDARD PRACTICE.
6. NO OVERHEAD OR UNDERGROUND POWER CABLE SHALL PASS THROUGH THE TANK FARM AREA.
7. ADEQUATE FIRE EXTINGUISHERS SHALL BE PROVIDED AROUND TANK FARM AREA.
8. OPENING IN DYKE WALL SHALL BE SEALED WITH PCC AFTER THE HYDRO- TEST OF PIPING IS COMPLETED.
9. ENTIRE PETROLEUM STORAGE FACILITY IS FENCED BY MIN. 2.0M HIGH FENCING.
10. ALL VALVES DIRECTLY MOUNTED ON TANK SHALL BE IN FORGED/CAST STEEL CONSTRUCTION.
11. THE TANKS, MOTOR & ELECTRIC FITTING SHALL BE EARTHED AT TWO DISTINCTIVE POINTS ON DIAMETRICALLY OPPOSITE ENDS SIDE AS PER RULE NO. 127 PETROLEUM RULES 2002.
12. THE TANK SHALL BE IN WELDED CONSTRUCTION AND SHALL BE MADE FROM MILD STEEL PLATE CONFIRMING IS :- 2062
13. TANKS SHALL BE DESIGNED, FABRICATED, TESTED, AND INSPECTED AS PER IS: 10987 FOR HORIZONTAL CYLINDRICAL TANKS FOR UNDER GROUND TANKS
14. ALL ELECTRICAL FITTINGS/ MOTORS SHALL BE FLAME PROOF AND OF TYPE APPROVED BY CHIEF CONTROLLER OF EXPLOSIVES CONFORMING TO PUMP WITH FLP MOTOR FOR CLASS A AS PER IS/IEC 60079-1, (IN LIEU OF IS : 2148) WHEREVER TANKS FOR PETROLEUM CALSS A AND ARE LOCATED INSIDE THE ISTALLATION AS PER RULE 106.
15. VENT SHALL MAINTAIN 4 M HEIGHT AND 4M CLEARANCE. VENT OPENING SHALL BE COVERED WITH NON-CORRODING METAL WIRE GAUGE OF 2 LAYER OF MIN 11 MESH PER LINEAR CM AS PER LINEAR CM AS PER COND. 4OF LICENCE IN FORM XV.
16. THE GROUND INSIDE THE FACED AREA OF THE INSTALLATION AND THE PROTECTED AREA SURROUNDING IT SHALL BE CLEAN AND FREE FROM ALL VEGETATION WASTE /RUBBISH MATERIAL AND ANY FLAMMABLE ITEMS.
17. THE FILL POINTS SHALL BE PROVIDED AT APPROPRIATE PLACE.
18. NO SMOKING BOARDS SHALL BE PROVIDED AT APPROPRIATE PLACES.
19. THE DIP PIPE INSIDE THE TANK SHALL BE PERFORATED COVERED WITH TWO LAYERS OF METALLIC WIRE MESH % SHALL BE NORMALLY KEPT COVERED WITH CAP. AT THE TOP.
20. 4 DCP TYPE FIRE EXTINGUISHERS & 4 SAND NUCKETS ARE PROVIDED

LOCATION DETAILS

RE-SURVEY NO.	1/1, G.I.D.C, Sector 25, 1004A95603
VILLAGE	GANDHINAGAR
TALUK	GANDHINAGAR
DISTRICT	GANDHINAGAR
STATE	GUJARAT
POLICE STATION	SECTOR 24 GANDHINAGAR
RAILWAY STATION	GANDHINAGAR
FIRE STATION	GANDHINAGAR

NAME AND SIGNATURE OF APPLICANT

Mrs. AMULFED DAIRY PACKAGING FILM PLANT (A UNIT OF GCMFM LTD)
 SECTOR-25, K ROAD, OPP MADHUR DAIRY,
 G.I.D.C GANDHINAGAR, GUJARAT-382044

Signature of Applicant

DATE : 08/09/2023 DWG No : EPNX/UGT/AMUL/100149 Rev :00