IDMC®
LIMITED

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Tender Document
for
Design, Engineering, Manufacturing, Supply, Installation, Testing & Commissioning
of
GLASS FUSED STEEL TANKS
at minimum
2800 M3 Volume: 02 Nos.& 160M3 Volume: 03 Nos.
for
Compressed Biogas Plant
at Ode-Anand, Gujarat, India.

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1. Invitation for Bid

Enquiry Reference no.: IDMC/ Sourcing & VD/ 2026-27/ Enquiry/ 409 dated 25.11.2026

IDMC Limited invites sealed bids from original equipment manufacturers (OEMs) for Design, Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning, Glass fused steel tanks minimum volume of 2800 M3 :02 Nos & 60 M3: 03 Nos. for Biogas plant at Ode-Anand, Gujarat. As per details given below:

Description of Tender	Design, Engineering, Manufacturing, Supply, Installation, Testing & Commissioning of Glass fused tanks.
Qty	1 Pack
Estimated Cost	3.89 INR CRORE
Completion period (For the complete plant (design, manufacturing, supply, installation, testing, and commissioning))	5 months from the date of the Letter of Intent (LOI)/Purchase Order (PO) whichever is earlier
Earnest Money Deposit (EMD)	Not applicable
Mode of Tender	eProcurement at NCDFI eMarket portal, considering restricted tender of IDMC with single stage two bid envelope system (Part I- Techno-commercial Bid and Part II- Price Bid) through www.idmc.com (click procurement) OR https://www.ncdfiemarket.com/index.php/idmc / and can be downloaded and used as tender document for uploading the offer. The invited bidders are required to submit their offer electronically through NCDFI eMarket portal. No physical tender/email is acceptable.
Eligible bidders	This invitation for bid is restricted to original equipment manufacturers to the invited bidders only and written communication sent through email by purchaser/NCDFI e-Market.
Query/support related to online portal during submission of bid	Mr Sachin Chaudhary +91 99786 28169 Mr Parth Parikh +91 70435 31188
Warranty Period	12 months from the date of successful commissioning, product trial & acceptance of the plant
Date of uploading of enquiry on NCDFI eMarket portal	25.11.2026
Last date, time and place for receipt of bids/ offers	09.12.2026 (Up to 1700 hrs IST)

Bid submission currency	INR

1.1. The bid document can be downloaded by registration from the link:
www.idmc.com (click procurement) OR
https://www.ncdfiemarket.com/index.php/idmc

1.2. Enquiry document:

Instructions to bidders, General conditions of contract, Special conditions of contract, Form of agreement, Acceptable forms of bank guarantees, Schedule of Requirement and technical specifications for all the items of works are indicated in this enquiry document.

1.3. Clarification on the bids:

The bidders may submit their queries / clarification if any through email by 30.11.2026 on email id – tenders_mech@idmc.com for consideration of the purchaser.

1.4. Opening of offers:

Bids will be opened by the tender opening committee of IDMC based on the offer received on the NCDFI Portal, bidders' presence is not required.

1.5. Offer validity:

The bid shall remain valid for a period of 120 (One hundred twenty) days from the date of bid closing.

1.6. Drawings:

Bidders to submit preliminary GA /dimensional drawing along with the offer.

1.7. Rights reserved by IDMC Limited:

IDMC may evaluate & consider bids both technical as well as financially beneficial to the project. It reserves the right to accept and or reject any or all the bids.

2. Instructions to bidders

(a)	Tender/Event Ref. No.:	IDMC/ Sourcing & VD/ 2026-27/ Enquiry/ 409 dated 25.11.2026
(b)	Transaction Fee Payment of transaction fee by NEFT/ RTGS in favor of IDMC Limited	Not Applicable
(c)	Incidental charges (in land) in case documents are to be sent by courier/post	Not Applicable
(d)	Event Start Date	25.11.2026
(e)	Event Close Date & time	09.12.2026, 17.00 Hours
(f)	Last Date and time for bid submission	09.12.2026, 17.00 Hours
(g)	Time and date of opening of bids	
	Part I – Techno-commercial bid	Bids will be opened by the tender opening committee of IDMC based on the offer received on the NCDFI Portal, bidders' presence is not required.
	Part II – Price bid	May be communicated later to responsive /technically qualified bidders who have accepted all techno commercial terms and conditions
(h)	Opening of bid	ONLINE at web portal (in presence of tender opening committee of IDMC)
(i)	Address for communication	IDMC Tender committee 124-128 GIDC Estate Vithal Udyognagar- 388121 Dist.- Anand (Gujarat) Tel: +91 2692 -220521 Email: tenders_mech@idmc.com
(j)	Time of completion	5 (Five) Months for overall completion (from the date of notification of award of Contract (LOI)/ Purchase Order) whichever earlier
(k)	Amount of EMD	Not Applicable
(l)	Date and time for receipt of EMD. The EMD in original to be submitted to communication address as stated above in clause (i)	Not Applicable

(m)	Price Basis (Incoterm)	FOR, Ode, Anand, Gujarat, India
(n)	Packing & forwarding	In Bidder scope
(o)	Freight	FOR Ode, Anand, Gujarat, India
(p)	Transit Insurance (Warehouse to warehouse)	FOR Ode, Anand, Gujarat, India (Unloading at project site in IDMC Scope, however bidder shall be arranged their representative for supervision of unloading)
(q)	All applicable duties & Taxes in India	In IDMC scope

2.1. Eligible bidders:

This invitation for bid is restricted to original equipment manufacturers to the invited bidders only and written communication sent through email by purchaser/NCDFI e-Market.

2.2. Cost of bidding:

The Bidder shall bear all costs associated with the preparation and submission of its bid, and IDMC Limited, also hereinafter based on the context referred to as "the Purchaser", will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

2.3. Bidders to check the contents of enquiry documents:

The Bidder is requested to carefully examine all instructions, conditions, forms, terms, specifications, and drawings in the bidding documents. Failure to comply with the requirements of bid submission will be at the bidder's own risk. Bids which are not substantially responsive to the requirements of the bidding document will be rejected.

2.4. Documents to be submitted along with the offer/ bid:

The offer to be submitted by the bidder/ vendor shall comprise the following:

a. The Form of bid duly filled and signed.

b. Bidders: self-attested copies of documents defining the constitution, place of Registration and principal place of business.

c. Details of experience and past performance of the bidder on the executed contracts of similar nature within the last 5 years. The bidder shall also provide details of similar machines provided in last five consecutive years to the following geographies:

i. Globally (excluding Asia)
ii. Asia (excluding India)
iii. India

d. List of customers and their contact details for reference.

e. All details as specified in the section technical details as per the format provided.

f. The complete enquiry document with filled in offer, has to be submitted duly signed & stamped by the bidder/ vendor.

g. The bidder should furnish a brief write-up, backed with adequate data, explaining his available capability (both technical and commercial) for manufacturing and design, engineering, manufacturing, supply, installation, testing and commissioning of the required equipment within the specified time of completion, after meeting all their current commitments.

h. Service setup of the bidder in India (if any).

i. The bidder shall submit a detailed technical offer including the layout, GA drawings, Process Flow Diagram (showing flow, temperature, pressure, and other relevant parameters), P&ID, equipment/instrument/electrical datasheets, automation architecture, detailed electrical panel and cable specifications, and a tentative schedule/Gantt chart (L1 schedule).

j. Additionally, the bidder shall provide a detailed list of all equipment with quantities proposed under import, the list of indigenous equipment with quantities, and a complete list of spare parts and special tools required for two years of continuous operation.

All pages of the offer documents shall be signed by person(s) duly authorized. Proof of authorization shall be in the form of a written Power of Attorney/ Authority letter which shall accompany the bid. All pages of the offer documents, where entries and amendments have been made, shall additionally be initiated by the person(s) signing the offer/ bid.

The complete offer/ bid shall be without alterations, interlineations, or erasures except those in accordance with instructions issued by IDMC Limited, or as necessary to correct errors made by the bidder in which case such corrections shall be initialed by the person(s) signing the offer. No overwriting shall be permitted.

2.5. Clarification of bidding documents:

As specified above at clause no. 1.3

2.6. Mode and manner of submission:

2.6.1. Submission of bid shall be through NCDFI eMarket portal only. No physical/email bids shall be accepted

2.7. Currency of offer & payment:

The prices shall be quoted by the bidder as under:

2.7.1. Bidders shall quote in INR. All payments will be made in the currency in which the PO/contract will be awarded.

The payment will be only through an authorized bank, subject to forex and other regulations, including withholding taxes, if any, in force. The bank charges within India shall be borne by the purchaser.

2.8. The price schedule:

2.8.1. The bidder shall quote the price in figures and words clearly specifying the currency. The said price shall be a comprehensive all-inclusive price for the design, engineering, manufacturing, supply, installation, testing, and commissioning including the obligations of any services and supplies as specified in the technical details or elsewhere in the bidding document.

2.8.2. The price will include the cost/ fee of any Technician/ Supervisor/ Expert to be deputed by the vendor at the site for installation, testing, commissioning and handing over, or any other related activity.

2.9. Offer validity & extension of validity if required:

Bids submitted shall remain valid for acceptance for a period of 120 days from the date of bid closing.

2.10. Submitted offer to be complete in all respect:

The bidder shall submit an offer which complies fully with the requirements of the bidding documents, including the basic technical design as indicated in the specifications.

2.11. Date of submission of offer/ bid:

The offer must be received by IDMC Limited on or before the date and time of submission as stated in the Invitation for Enquiry/ Tender. IDMC Limited may, at its discretion, extend the deadline for the submission of offer/ bid by issuing necessary instructions on email to all registered bidders, in which case, all rights and obligations of IDMC Limited and the bidders previously subject to the original deadline shall thereafter be subject to the new deadline as extended.

2.12. Late bids:

Any offer/ bid received by IDMC Limited later than the deadline for the submission of offers/ bids as prescribed by IDMC Limited will be subject to rejection.

2.13. Opening of bids:

The bids will be opened, scrutinized, and evaluated as per the qualification, scope and specification mentioned in tender and award the contract accordingly.

After the opening of offers IDMC Limited shall evaluate and process the same for finalizing the issuance of the Purchase order. The process shall be kept confidential - not disclosed to bidders/ any vendor or other persons not officially concerned with such process.

2.14. Undue influence by the bidder:

Any action to influence the procurement process or contract execution for undue advantage will be improper and may result in the rejection of the bidder's bid/ offer.

2.15. Clarification on offers/ bids:

To assist in the evaluation of offers/ bids, IDMC Limited may request the bidders/ vendors for clarification of their bids, including breakdown of unit rates. The request for clarification and the response shall generally be in writing but no change in the price or substance of the bid shall be sought, offered or permitted. The Purchaser may, depending on the nature of the query, contact the concerned bidder on the telephone number provided in the bid document only for the purpose of understanding and/ or resolving the query. For this purpose, the bidder is requested to provide the name and contact details of its designated officer.

2.16. Correction of errors:

2.16.1. The offers will be checked by IDMC Limited for any arithmetic errors in computation and summation. Errors will be corrected as follows:

2.16.2. "Where there is a difference between rates in figures and in words, the rates that correspond to the amounts worked out by the bidders, shall be taken as correct. However, when the amount of an item is not worked out or it does not correspond with the rates written either in figures or words, then the rates quoted by the bidder in words shall be taken as correct. When the rates quoted by the bidder in figures and words tallies but the amount is not worked out correctly, the price quoted by the bidder shall be taken as correct and not the amount."

2.16.3. The amount stated in the form of bid will be adjusted by IDMC Limited in accordance with the above procedures for the correction of errors, and with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the quoted rates (Price) of bid then his bid shall be rejected.

2.16.4. IDMC Limited reserves the right to accept or reject any variation, deviation, or alternative offers.

2.17 IDMC Limited's right to accept any offer/ bid and to reject any or all offers/ bids:

As mentioned above in clause no. 1.7

2.18 Notification of award and issuance of Purchase order:

Prior to the expiry of the period of offer/ bid validity prescribed in the enquiry/ bid documents, IDMC Limited will notify the finalized bidder/ vendor here in after referred to as the "/ Successful bidder/ Bidder", in writing on acceptance of their offer/ bid and issue a Letter of Intent/ Award, followed by a detailed Purchase order mentioning all the required terms and conditions and (hereinafter and in the Conditions of the Contract referred to as the "Contract price").

2.19 License and permit for goods/ services:

No license or permit shall be provided by Purchaser/ Owner/ IDMC Limited for the exports of goods and services being provided by the Successful bidder against this enquiry or work order.

2.20 Amendment to the bidding document:

At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by

amendment. The amendment will be notified in writing by mail to all registered Bidders.

2.21 Modification in the bid:

2.21.1 The Bidder may modify or withdraw its bid after the bid submission, provided that written notice of the modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of bids.

2.21.2 No bid may be modified after the deadline for submission of bids.

2.22 Language of bid:

The Bid prepared by the Bidder and all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in another language so long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the bid, the English translation shall govern.

2.23 Personal discussion:

If required, IDMC Limited may desire to hold personal discussions with shortlisted vendors. The discussions, if required, are likely to be held at IDMC Limited's office in Anand or through the Online Teams meeting. Date shall be intimated through e mail by designated person of IDMC.

3. General conditions of contract

3.1. Definitions and Interpretation:

3.1.1. In the Contract, as hereinafter defined, the following words and expressions shall have the meanings hereby assigned to them, except where the context otherwise requires.

3.1.2. OWNER/ PURCHASER/ IDMC shall mean IDMC Limited and shall include its successors and assignees, as well as its authorized representatives.

3.1.3. IDMCL shall mean IDMC Limited.

3.1.4. The bidder/ Vendor shall be the firm/party/individual who submits the offer/ bid against this enquiry.

3.1.5. Contractor/ Successful bidder/ Bidder shall mean the successful vendor/ bidder whose Offer/ Bid has been accepted by the Owner/ IDMC Limited and on whom a work order/ PO has been placed and shall include his heirs, legal representatives, and assignees.

3.1.6. Contract price/rate shall mean the prices/ rates of the accepted Offer/Bid

3.1.7. Contract shall mean the work order or Purchase order along-with articles of agreement, the conditions, the Annexure, the schedule of quantities, and/ or specifications attached herewith.

3.1.8. "Notice in writing" shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received) by courier/ registered to the last known address or the registered office of the addressee and shall be deemed to have been received when in the ordinary course of post, it would have been delivered.

3.1.9. Site shall mean the actual place where the machine being purchased will be installed and commissioned as specified in technical specifications.

3.1.10. Month shall mean from the beginning of a given date of a calendar month to the end of the preceding date of the next calendar month.

3.1.11. Week shall mean seven consecutive days.

3.1.12. Day shall mean a day from midnight to midnight.

3.1.13. Award shall mean the written acceptance of the Offer/ Bid by IDMC Limited/owner given to the successful bidder/ Vendor/ Bidder.

3.1.14. Constructional Plant shall mean all appliances or things of whatsoever nature required in or about the execution and maintenance of the Works but does not include the materials or other things required/intended to form or forming part of the Works.

3.1.15. Specifications shall mean the specification referred to in the Enquiry Document/ Bid Document and any modification thereof or addition thereto as may from time to time be furnished or approved in writing by IDMC Limited.

3.1.16. Drawings shall mean drawings referred to in the specifications and any modification of such drawings approved in writing by IDMC Limited and such other drawings as may from time to time be furnished or approved in writing by IDMC Limited.

3.1.17. Approved/ Approval shall mean approval in writing, including subsequent written confirmation of previous verbal or written approval.

3.1.18. I.S.S. shall mean Indian Standard Specifications as published by Bureau of Indian Standards, India.

3.1.19. Government shall mean the Government of India or the Government in state of Gujarat.

3.1.20. Enquiry document shall mean the Bid document.

3.1.21. Headings and marginal note: All headings of and notes to the clauses of these Conditions of Contract or of and to the Specifications or any other bid document are solely for the purpose of giving concise indication and not a summary of the contents thereof, and they shall never be deemed to be the part of or be used in the interpretation or construction thereof or of the Contract.

3.1.22. Singular and plural: In this Contract document unless otherwise stated specifically the singular shall include the plural and vice-versa wherever the context so requires.

3.1.23. Cost: The cost shall be deemed to include all the overhead costs whether on or off the site.

3.1.24. Purchaser: IDMC Limited.

3.1.25. Installation: Something (such as a piece of equipment) that is put together and made ready for use.

3.1.26. Testing, commissioning and handover : It is the process of assuring that all systems and components of an industrial plant are designed, installed, tested, operated, and maintained according to the operational requirements and the Purchase Order specifications of the owner or final client.

3.2. Application:

These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3.3. Documents mutually explanatory:

Except if and to the extent otherwise provided by the Contract, the provisions of the General Conditions and Special Conditions of the Contract shall prevail over those of any other documents forming part of the Contract. Several documents forming the Contract are to be taken as mutually explanatory.

3.4. Program to be furnished:

3.4.1. The successful bidder shall, after the receipt of the PO, submit to the Purchaser a program showing the schedule of various activities weekly as well as monthly in which he proposes to carry out the supply, installation, testing and commissioning within the timelines agreed for inclusion in the contract.

3.4.2. If at any time it should appear to IDMC that the actual progress of the Works does not conform to the approved program, as referred above, the successful bidder shall produce, at the request of IDMC, a revised program showing the modifications to the approved program necessary to ensure completion of the Works within the time for completion as defined in the contract.

3.5. Standards:

The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

3.6. Use of contract documents and information:

3.6.1. The Bidder shall not, without the Purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Bidder in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

3.6.2. The Bidder shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in clause 3.6.1 except for purposes of performing the Contract.

3.7. Patent rights and royalties:

The Bidder shall indemnify IDMC Limited from and against all claims and proceedings for or on account of infringement of any patent rights, design trademark or name or other protected rights in respect of any constructional plant, machine work, or material and for in connection with the supply of the machine or any of them and from and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof or in relation thereto.

3.8. Inspection and tests:

3.8.1. The Purchaser or its representative shall have the right to inspect and/ or test the Goods to confirm their conformity to the Contract. The technical specifications shall specify what inspections and tests the Purchaser requires.

3.8.2. The inspections and tests may be conducted on the premises of the Bidder, at point of delivery and/or at the Good's final destination. Where conducted on the premises of the Bidder, all reasonable facilities and assistance including access to drawings and production data-shall be furnished to the inspectors at no charge to the Purchaser. In case of any defects or deficiency notified by the Purchaser's inspection authority, the Bidder will rectify and make good the same without delay and not proceed with further processing of such item(s) of Goods without obtaining approval from the inspection authority.

3.8.3. Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject them and the Bidder shall either replace the rejected Goods or make all alterations necessary to meet specification requirements free of cost to the Purchaser.

3.8.4. The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at the destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Purchaser or its representative prior to the Goods shipment from the country of origin.

3.9. Packing and marking:

3.9.1. The Bidder shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to temperature, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit. The Bidder will be responsible for internal damage if any, even if outwardly there is no damage to the package.

3.9.2. The packing, marking and documents within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract and, subject to Clause 3.18 and any subsequent instructions given by the Purchaser.

3.9.3. Each package shall be marked to indicate:

Name of the Bidder

Purchase Order number

Details of items in the package

Gross, net, and tare weights on the item

Name of the consignee Destination

Country of origin

3.9.4. The cost of the individual cases aggregating to the total machine cost shall have to be submitted to IDMC prior to dispatch. The Bidder will have to replace the respective item of the individual cases at the cost declared, in case of damage/loss etc. IDMC Limited shall not permit deviation from this clause. The Bidder finally executing the contract would be deemed to have accepted this clause.

3.10. Delivery and documents:

Upon shipment/ dispatch, the Bidder shall notify to the purchaser the full details of dispatch including purchaser order no., description of the goods, quantity, mode of transport, place of loading, date of dispatch, packing details with the individual costs etc. The Bidder will mail the following documents to the purchaser with a copy to the Insurance Company:

Original and two copies of:

The Bidder's invoice showing purchase order no. description of goods, quantity, unit price, total amount;

a. Delivery note/case-wise detailed packing list identifying contents of each package/ lorry Receipt/Bill of landing, individual case values (for replacement purposes, in case of damage) etc.

b. Manufacturer's/Bidder's warranty certificate;

c. Inspection Certificate issued by the nominated inspection agency, and the Bidder's Factory inspection report;

d. Certificate of origin;

e. Any other document evidencing payment of statutory levies;

f. The Bidder's certificate certifying that the defects pointed out during inspection have been rectified;

Note: The nomenclature used for the item description in the invoice/s, packing list/s and delivery note/s etc. should be identical to that used in the purchase order. The dispatch particulars including name of transporter, LR/BL no. and date should also be mentioned in the invoices.

3.11. Insurance

Bidders (Price basis shall be applicable as per Incoterm mentioned in clause no. 2 (m) - Instructions to bidders)

3.12. Transportation:

3.12.1. Transportation and insurance upto the site shall be in the scope of bidder.

3.13. Incidental services:

As specified in the Special Conditions of Contract, the Bidder will be required to provide any or all of the following services:

a. The bidder shall provide all the details/load for safe unloading of materials at project site.

b. Furnishing list of tools and tackles required for assembly and/or maintenance of the supplied goods; Any special tools required for assembly and installation shall be provided by the bidder

c. Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; and manuals covering the operation and maintenance of automation software and control systems. The soft copy of manuals shall also be provided.

d. Performance or supervision or maintenance and/or repair of the supplied Goods, for a period agreed by the parties, provided that this service shall not relieve the Bidder of any warranty obligations under this Contract; and

e. Conduct 15 working days onsite /offsite training during installation and commissioning as per the requirement of the purchaser.

3.14. Spare parts: - Applicable as per technical specifications

Bidder shall also provide costing & breakup quantity of spares.

3.15. Warranty:

3.15.1. The Bidder warrants that the Goods and equipment, supplied, installed, and commissioned under the Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Bidder further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the Purchaser's Specifications) or from any act or omission of the Bidder, that may develop under normal use of the supplied Goods in the conditions obtaining in the country of final destination. The Bidder also guarantees that the Goods supplied shall perform satisfactorily as per the signed/rated/-installed capacity as provided for in the Contract.

3.15.2. The warranty period is 12 months after the date of successful commissioning, product trial & acceptance, and completion certificate duly signed by both parties or handover of the plant.

3.15.3. The Purchaser shall promptly notify the Bidder in writing of any claims arising under this warranty.

3.15.4. Upon receipt of such notice, the Bidder shall promptly respond and resolve the issue maximum within 7 working days from the date of notice by way of repair or replace the defective Goods or parts thereof, without costs to the Purchaser.

3.15.5. If the Bidder, having been notified, fails to remedy the defect(s) within a reasonable period mentioned in clause no 3.15.4, the Purchaser may proceed to take such remedial action as may be necessary, at the Bidder's risk and expense and without prejudice to any other rights which the Purchaser may have against the Bidder under the Contract.

3.16. Payment:

Payment for supply component:

3.16.1. 20% advance against submission of equivalent security in the form of Bank guarantee from a reputed bank with banker confirmation and shall valid till receipt of last consignment at purchaser site in acceptable condition.

3.16.2. 60% will be payable in 60 days against receipt of materials at site in acceptable condition.

3.16.3. The 10% will be payable in 30 days after successful installation of machine/equipment by acceptance of purchaser in writing.

3.16.4. Balance 10% will be payable in 30 days against final acceptance of satisfactory performance of the complete plant for uninterrupted running of 15 days continuously, on completion of other contracted services including training and acceptance by the purchaser in writing, within the scope of this contract and on submission of an equivalent amount of performance bank guarantee (PBG) valid for a period of 12 months from the date of successful commissioning, product trial & acceptance by the purchaser.

Payment for Installation, Testing, Commissioning, acceptance & Training:

3.16.5. 90% of the contract price against successful installation and commissioning shall be paid in 30 days on actual completion of installation/erection and approval by the purchaser (against detailed break up cost to be furnished by the Bidder in advance and accepted by the Purchaser)

3.16.6. On final acceptance:
The balance 10% shall be paid on continuous satisfactory running of the complete plant/equipment for one month, on completion of other contracted services and accepted by the purchaser's representative, within the scope of this contract.

Payment for Service Cover, Non-Comprehensive AMC & Comprehensive AMC:

3.16.7. 100 % shall be paid in 15 days against submission of visit report accepted by the purchaser's representative, within the scope of this contract.

Note:

1) All bank guarantees should be issued by a Nationalized/ class- I Indian/ Foreign Bank in the format provided in the bid.

3.16.8. The Bidder's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by shipping documents, submitted pursuant to Clause 3.10, and fulfillment of other obligations stipulated in the Contract.

3.16.9. All payments under this contract shall be made in the currency in which the bid price was quoted.

3.17. Change orders:

3.17.1. The Purchaser may, at any time, by a written order given to the Bidder make changes within the general scope of the Contract in any one or more of the following:

a. Drawings, designs, or specifications, where Goods to be furnished under the Contract is to be specifically manufactured for the Purchaser:

b. The method of shipment or packing;

c. The Services to be provided by the Bidder.

3.17.2. If any such change causes a substantial increase or decrease in the cost of, or the time required for, the Bidder's performance of any part of the work under the Contract, whether changed or not changed by the order, an equitable adjustment shall be made in the Contract Price or delivery

schedule, or both, and the Contract shall accordingly be amended. Any claims by the Bidder for adjustment under this clause must be asserted within sixty (60) days from the date of the Bidder's receipt of the Purchaser's change order.

3.18. Contract amendment:

Subject to Clause 3.17, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

3.19. Assignment:

The Bidder shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

3.20. Liquidated damages:

If the Bidder fails to deliver any or all the goods or perform the services within the times period (s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the contract prices, as liquidated damages, a sum equivalent to:

(1) 0.5% of the full contract value for every completed week (week comprising of 7 days including holidays and any incomplete week shall be ignored for the calculations of liquidated damages) of delay in the supplies/commissioning.

(2) The total amount so deducted shall not exceed 7.5% of the Contract value. Once the maximum is reached, the Purchaser may consider termination of the contract pursuant to Force Majeure.

Any incremental taxes and levies on account of delay in performance of the Contract by the Bidder shall be to the Bidder's account.

3.21. Termination for default:

The contract can be terminated on the following grounds:

3.21.1. Bidders default:

3.21.1.1. If the Bidder shall assign the Contract, without the consent in writing of the Purchaser first obtained, or if in the opinion of the Purchaser, the Bidder:

a. Has abandoned the Contract, or

b. Without reasonable excuse has failed to commence the Works or has suspended the progress of the works for twenty-eight days after receiving from the purchaser written notice to proceed, or Despite previous warnings by the Purchaser, in writing, is not executing the works in accordance with the Contract or neglecting to carry out his obligations under the contract.

3.21.1.2. Consequent to such termination of Contract, the Purchaser shall also be entitled to recover the advance paid, if any, to the Bidder along with interest @ 18% per annum compounded quarterly on the last day of March, June, September and December on the advance paid for the entire period for which the advance was retained by the Bidder.

3.21.2. Default of the Purchaser

3.21.2.1. In the event of the Purchaser:

a. Becoming bankrupt or (being a company) going into liquidation other than for the purpose of a scheme of reconstruction or amalgamation, or

b. Being unable to continue to meet his contractual obligations for unforeseen reasons due to economic dislocation.

3.21.2.2. Nothing in this clause contained shall prejudice the right of the Bidder to exercise, either in lieu of or in addition to the rights and remedies in this Clause specified any other rights or remedies to which the Bidder may be entitled.

3.22. Force majeure:

3.22.1. Notwithstanding the provisions of Clauses 3.20, 3.21 the Bidder shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force majeure.

3.22.2. For purposes of this clause, "Force majeure" means an event beyond the control of the Bidder and not involving the Bidder's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser either in its sovereign or contractual capacity, wars or

revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

3.22.3. If a Force Majeure situation arises, the Bidder shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Bidder shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force majeure event.

3.23. Inspection of goods during manufacturing at Bidder works/ operations:

The Purchaser and any person authorized by him shall have the right to inspect the physical progress at the site of the successful bidder, after providing reasonable and not less than three days' notice.

3.24. Time for completion shall mean the completion of performance of contract:

As given in clause 4.3 in the special conditions of contract.

3.25. Certification of completion of works:

The successful bidder shall obtain a certificate of completion from IDMC Limited at the time of complete plant hand over for the commercial production after successful commissioning and performance trial of the supplied plant and machinery and fulfilment of other obligations stipulated in the contract.

3.26. Resolution of disputes:

3.26.1. The Purchaser and the Bidder shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Bidder have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms as specified in the special conditions of contract. These mechanisms may include but are not restricted to, conciliation mediated by a third party, adjudication in an agreed national or international forum, and/or international arbitration. The mechanism shall be specified in the Special conditions of the contract.

Applicable law:

The Contract shall be interpreted in accordance with the laws of the Union of India.

3.27. Notices:

3.27.1. Any notice given by one party to the other pursuant to the Contract shall be sent in writing to the address specified for that purpose in the Special Conditions of Contract.

3.27.2. A notice shall be effective when delivered or on the notice's effective date, whichever is later.

3.28. Right to use defective goods:

If after delivery, acceptance and installation and within the warranty period, the operation or use of the Goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such Goods until rectifications of defects, errors, or omissions by repair or by partial or complete replacement are made without interfering with the Purchasers' operation.

3.29. Jurisdiction:

This invitation for bids is issued by IDMC Limited and on behalf of its head office situated at Anand (Gujarat). For the settlement of any dispute arising out of the contract against this bid, only the Courts at Anand, Gujarat, India shall have jurisdiction.

4. Special conditions of contract

4.1. General:

The following Special conditions of Contract shall supplement the General conditions of Contract, given in chapter 3. Wherever there is a conflict, the provisions herein shall prevail over those in the General conditions of Contract.

4.2. Taxes:

For bidders
The offer rates being as per price basis (Incoterm) mentioned in Instruction to Bidder. All the taxes and duties will be paid by the Purchaser. All payments will be made in the currency in which the Purchase order will be placed.

4.3. Time of completion:

The expected total time of completion of the Design, Engineering, Manufacturing, Supply, Installation, Testing, Commissioning, acceptance of GFS tanks are period of 5(Five) months from the issue of the purchase order to successful commissioning and handover to purchaser.

4.4. Drawings/ specification:

The bidder shall furnish a standard Plant layout drawing along with the bid.

4.5. Safety regulations & compliance:

The successful bidder has to follow all the safety requirements during the unloading, erection, testing and commissioning as per the standard safety laws, compliances and as per the guideline of IDMC.

4.6. Office space at site:

IDMC Limited shall provide office space at the site location to the personnel of the Bidder during erection and commissioning period.

4.7. Installation, start up, commissioning and trial runs:

As per attached technical specifications.

4.8. Rating:
As per attached technical specifications

4.9. Instruction Manual:

As per attached technical specifications

4.10. Resolution of Disputes (Clause 3.26 of General Conditions of Contract):

In the event of any dispute in the interpretation of the terms of the order/contract or difference of opinion between the parties on any point in the order/contract arising out of or in connection with the agreement accepted order/contract or with regard to the performance of any obligation hereunder by either party, the parties hereto shall use their best efforts to settle such disputes or difference of opinion amicably by mutual negotiations. In case no agreement is reached, either party may forthwith give to the other, a notice in writing of the existence of such question, dispute, or difference of opinion, and the same shall be referred to the adjudication of a sole arbitrator to be appointed by IDMC whose decision in the matter shall be final and binding on the parties.

The arbitration proceedings shall be governed under the provisions of the Indian Arbitration and Conciliation act, 1996, and the rules there under or any statutory modifications thereof for the time being in force. In the order/contract, the venue of such Arbitration shall be Anand, Gujarat and the Courts of Anand alone shall have jurisdiction regarding any matter arising out of the order/contract.

4.11. Rights reserved by IDMC Limited:

IDMC Limited at its sole discretion and without assigning any reason thereof reserves the right to accept and/ or reject any or all the bids. Further it shall be the prerogative of IDMC Limited to revise/ modify the qualifying criteria specified in the invitation to bid without assigning any reasons whatsoever.

4.12. Limitation of Liability:

Notwithstanding anything to the contrary herein, Bidders' s entire liability for claim, whether based on contract, warranty (except warranty of title), tort (including negligence), strict liability, or otherwise for any loss arising out of its performance or failure to perform this contract shall:

(A) not exceed the contract price of the equivalent supplied plant and machinery hereunder which was the cause of such claim:

(B) in no case extend to direct, indirect special incidental, or consequential damages, of any nature or kind, including, without limitation, lost profits, lost production, lost revenues, or lost business opportunities; and

(C) termination upon expiration of the warranty period.

5. Form of Bid

Enquiry Reference No	:	IDMC/ Sourcing & VD/ 2026-27/ Enquiry/ 213 dated 19.06.2026
Name and address of Purchaser	:	IDMC Limited, 124-128, GIDC Estate, Vithal Udyognagar- 388121, Anand District, Gujarat, India, Tel: +91-2692-220521

Gentlemen:

Having examined the Conditions of Contract, Technical Specifications and the Drawings included in or referred to in the Bidding Documents including Addenda Nos. (Insert Numbers), the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver Goods and Services including installation and commissioning as detailed in the price bid, in conformity with technical specifications and drawings (except to the extent of deviation statement furnished in our bid) and the Conditions of Contract as mentioned in or referred to in the said Bidding Document for the sum as may be ascertained in accordance with the Bid Prices and made part of this bid and the said conditions.

Our acceptance to all the conditions of the Bidding Document in this bid form shall persist over any other terms and conditions, if any, given in our bid.

We undertake, if our bid is accepted, to commence and complete delivery of all the goods and Services including installation and commissioning as specified in the Schedule of Quantities of the Bid Document, from the date of receipt of your Purchase Order.

If our bid is accepted, we will obtain the bank guarantees as per the conditions of the Contract for the due performance of the Contract.

We agree to abide by this bid for the period of 120 days from the date fixed for bid opening as per the Instruction to Bidders and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your Purchase Order/notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of _____ 2026.

_____
Signature

_____
(In the Capacity of)
Duly authorized to sign bid for and on behalf of

(Name & Address of Bidder): _____
_____

Name of Witness: _____

Signature: _____ Address: _____

BIDDING TERMS DEVIATION STATEMENT FORM

The following are the particulars of deviations from the requirements of the bidding conditions/ terms:

CLAUSE	DEVIATION	REMARKS (INCLUDING JUSTIFICATION)

The terms and conditions prescribed in the bidding document shall prevail over those of any other document forming a part of our bid, except only to the extent of deviations furnished in this statement.

Dated: Signature and Seal of Bidder
Place:

Note :-

Where there is no deviation, the statement should be returned duly signed with an endorsement indicating “NO DEVIATIONS”.

TECHNICAL DEVIATION STATEMENT FORM

The following are the particulars of deviations from the requirements of the bidding conditions/ terms:

CLAUSE	DEVIATION	REMARKS (INCLUDING JUSTIFICATION)

All the bidders to submit their bids as per the scope of supply mentioned in the technical specifications in totality and no any deviation shall be considered in the scope of supply.

The terms and conditions prescribed in the bidding document shall prevail over those of any other document forming a part of our bid, except only to the extent of deviations furnished in this statement.

Dated: Signature and Seal of Bidder
Place:

Note :-

Where there is no deviation, the statement should be returned duly signed with an endorsement indicating “NO DEVIATIONS”.

6. Acceptable forms of Bank Guarantees

Bank Guarantee to secure performance

Currency: INR / EURO / USD / ETC..	Amount in figures		
Amount in words			
Date of execution		Date up to when in force/ Date of expiry	
Date of Claim/ Demand (up to 45 days beyond the date of expiry)			
Name and address of beneficiary	IDMC Limited, Plot no. 124-128, GIDC Estate, Vithal Udyognagar, District Anand, Gujarat -388121		
Name and address of the vendor and/ or service provider (i.e. purchaser of the bank guarantee from the bank)			

THIS deed of guarantee made on this_____day of_____, between _____(name of the bank issuing this guarantee), herein after called 'the bank', on the first part and_____ (hereinafter referred to as 'vendor and/ or service provider in relation to IDMC Limited' and 'purchaser in relation to the bank' respectively) on the second part.

WHEREAS, the purchaser of the bank guarantee has been engaged by IDMC Limited as a vendor and/ or service provider for_____(e.g. design, manufacture, and supply of equipment or installation/ testing/ commissioning/ job work/ preventive maintenance/ break-down maintenance/ consulting or advising services as envisaged in the purchase order(s)/ contract(s)_____dated _____) which is required to be performed in pursuance of the said purchase order(s)/ contract(s);

WHEREAS, the vendor and/ or service provider is required to submit this bank guarantee for a sum of Rs._____(Rupees_____only) as security for fulfilling its obligation to secure performance of the____(description of goods and/ or services) under the said purchase order(s)/ contract(s).

AND WHEREAS, at the request of the vendor and/ or service provider, the bank has agreed to guarantee the refund of the said amount in case the aforesaid goods and/ or services do not perform to the satisfaction of IDMC Limited as per the terms and conditions of the said purchase order(s)/ contract(s).

NOW THIS DEED OF GUARANTEE DOES WITNESSETH AS UNDER:

1. That in consideration of IDMC Limited having awarded the said purchase order(s)/ contract(s), the bank does hereby irrevocably guarantee and indemnify that if the vendor and/ or service provider has supplied and/ or provided___ _____(description of goods and/ or services), which is not to the satisfaction of IDMC Limited, as per the details, terms and conditions contained in the said purchase order(s)/ contract(s), *supra*, the Bank shall, without demur, repay and indemnify IDMC Limited within seven (7) working days as the bank may be called upon to pay subject to a ceiling of Rs._____(Rupees_____);

2. We,___(name of the bank), further agree that this performance guarantee will remain in full force and effect up to_____by which duration IDMC

   Limited believes it may be reasonable to certify that the defect liability period has been successfully completed as per the details contained in the purchase order(s)/ contract(s),supra.

3. That the bank shall not question any of the details, terms and conditions contained in the said purchase order(s)/ contract(s), *supra*, including but not limited to the amount of consideration agreed upon between IDMC Limited and the vendor and/ or service provider for the purposes of determining its acceptance of liabilities under this bank guarantee and forthwith accept the demand of IDMC Limited to determine this bank guarantee.

4. That at the written request of either IDMC Limited or the vendor and/ or service provider, the bank shall renew this bank guarantee before it's date of expiry.

5. The Bank agrees that the amount hereby guaranteed shall be immediately due and payable to IDMC upon serving the bank with a notice before the date of expiry or date of claim/ demand, whichever is earlier. The claim can be lodged by IDMC Limited up to 45 days beyond the date of expiry or extended date of expiry.

6. This Bank Guarantee shall be subject to the law as applicable in India.

7. "In the event of invocation, the details to be sent to the branch address with branch email id _____ Marking a copy to our back-office email id _____."

8. Notwithstanding anything stated herein before:

   (i) The Bank's liability under this guarantee is restricted to Rs. _____/-(Rupees_____only);

(ii) This guarantee shall remain in force till_____and;

(iii) The Bank is liable to pay the guaranteed amount or any part thereof under this bank guarantee only if IDMC Limited serves upon the Bank a written claim/ demand on or before_____(Date of Claim/ Demand) including 45 days of grace period from the date of expiry.

IN WITNESS WHEREOF, the bank has signed on this_____day of_____,2026.

Signature of Bank Manager

Bank Guarantee for advance payment

Currency: INR / EURO / USD / ETC..	Amount in figures		
Amount in words			
Date of execution		Date up to when in force/ Date of expiry	
Date of Claim/ Demand (up to 45 days beyond the date of expiry)			
Name and address of beneficiary	IDMC Limited, Plot no. 124-128, GIDC Estate, Vithal Udyognagar, District Anand, Gujarat -388121		
Name and address of the vendor and/ or service provider (i.e. purchaser of the bank guarantee from the bank)			

THIS deed of guarantee made on this_____ day of_____,between _____(name of the bank issuing this guarantee), herein after called 'the bank', on the first part and_____ (hereinafter referred to as 'vendor and/ or service provider in relation to IDMC Limited' and 'purchaser in relation to the bank' respectively) on the second part.

WHEREAS, the purchaser of the bank guarantee has been engaged by IDMC Limited as a vendor and/ or service provider for_____(e.g. design, manufacture and supply of equipment or installation/ testing/ commissioning/ job work/ preventive maintenance/ break-down maintenance/ consulting or advising services as envisaged in purchase order(s)/ contract(s)_____ dated _____) which is required to be supplied/ provided latest by _____(dd/mm/yyyy) in pursuance of the said purchase order(s)/ contract(s)

WHEREAS, IDMC Limited is required to pay the vendor and/ or service provider a sum of Rs. _____ (Rupees_____only) against submission of this bank guarantee towards part value of_____(description of goods and/ or services) ordered to be manufactured/ supplied/ provided under the said purchase order(s)/ contract(s);

AND WHEREAS, at the request of the vendor and/ or service provider, the bank has agreed to guarantee the refund of the said amount, in case the aforesaid goods and/ or services do not deliver to the satisfaction of IDMC Limited as per the terms and

conditions of the said purchase order(s)/ contract(s).

NOW THIS DEED OF GUARANTEE DOES WITNESSETH AS UNDER:

1. That in consideration of IDMC Limited having agreed to pay an advance of Rs. _____ (Rupees_____) to the vendor, the bank does hereby irrevocably guarantee and indemnify that if the vendor and/ or service provider fails to supply/provide to IDMC Limited the goods and/ or services as per the details, terms, and conditions contained in the said purchase order(s)/ contract(s), *supra*, the Bank shall, without demur, repay and indemnify IDMC Limited within seven (7) working days all such advances paid by IDMC Limited to the vendor and/ or service provider as the bank may be called upon to pay subject to a ceiling of Rs._____(Rupees_____);

2. That the guarantee furnished herein shall be realized and discharged the moment the vendor and/ or service provider supplies/ provides the equipment to the satisfaction of IDMC Limited, as per the details, terms and conditions contained in the said purchase order(s)/ contract(s);

3. That the bank shall not question any of the details, terms and conditions contained in the said purchase order(s)/ contract(s), *supra*, including but not limited to the amount of consideration agreed upon between IDMC Limited and the vendor and/ or service provider for the purposes of determining its acceptance of liabilities under this bank guarantee and forthwith accept the demand of IDMC Limited to determine this bank guarantee.

4. That at the written request of either IDMC Limited or the vendor and/ or service provider, the bank shall renew this bank guarantee before it's date of expiry.

5. That the Bank agrees that the amount hereby guaranteed shall be immediately due and payable to IDMC on serving the bank with a notice before the date of expiry or date of claim/ demand, whichever is earlier. The claim can be lodged by IDMC limited up to 45 days beyond the date of expiry or extended date of expiry.

6. This Bank Guarantee shall be subject to the law as applicable in India.

7. "In the event of invocation, the details to be sent to the branch address with branch email id _____ Marking a copy to our back-office email id _____."

8. Notwithstanding anything stated herein before:

   a. The Bank's liability under this guarantee is restricted to Rs. _____/-(Rupees_____only);

b. This guarantee shall remain in force till_____and;

c. The Bank is liable to pay the guaranteed amount or any part thereof under this bank guarantee only if IDMC Limited serves upon the Bank a written claim/ demand on or before_____(Date of Claim/ Demand) including 45 days of grace period from date of expiry.

IN WITNESS WHEREOF, the bank has signed on this_____day of_____, 2026.

Signature of Bank Manager

7. Schedule Of Requirement

Design, Engineering, Manufacturing, Supply, Installation, Testing, Commissioning & Acceptance of

Glass fused steel tanks.
Volume : 2800M3(Size : 18Mtr. Dia x 12 Mtr. Height):02 Tanks
Volume : 160M3 (Size: 08 Mtr dia X 3.5 Mtr Height):03 Tanks

7.1 Schedule of Requirement:

IDMC Limited invites techno-commercial bids from reputed, experienced and technically competent Glass-Fused-to-Steel (GFS) tank manufacturers/OEMs for the complete Design, Engineering, Manufacturing, Supply, Installation, Testing, Commissioning and Final Acceptance of GFS tanks on a single-source responsibility basis.

The proposed tank package shall be executed for IDMC's 75 MTPD dung-based Compressed Biogas (CBG) projects at Ode, Anand, Gujarat.

Pack. No	Description	Quantity	Completion Period
1	Complete design, engineering, manufacturing, supply, installation, testing, commissioning and acceptance of GFS tanks, including all associated accessories and structural components.	1 Job	**5 Months**

Note:

1. Bidders shall submit item-wise prices against all items specified in the Schedule of Quantities.
2. Quoted prices shall cover the complete scope of supply and services defined in this tender.
3. The bidder shall be responsible for the overall design adequacy, quality, performance, safety and timely completion of the contracted package.
4. The bidder shall consider both project locations while preparing the technical and commercial offer

Project Site Details

Site Address	Compressed Biogas Plant- Amul Dairy Amul Research and Development Association (ARDA), Nokha Talav, Ode village, Taluka: Umreth, District: Anand, Gujarat– 388210.

As part of the proposed biogas facilities, Glass-Fused-to-Steel (GFS) tanks are envisaged for process storage and digestion applications.

IDMC intends to appoint an experienced and technically competent GFS tank manufacturer/OEM for the complete execution of the tank package, including:

- Design and engineering.
- Manufacturing and fabrication.
- Supply and transportation.
- Installation and erection.
- Inspection and quality assurance.
- Testing and commissioning.
- Performance verification and final handover.

The successful bidder shall execute the entire package on a single-source responsibility basis and shall remain responsible for the overall performance, quality, safety, structural integrity and timely completion of the contracted works.

The bidder shall ensure that all design, engineering, manufacturing and installation activities comply with the applicable codes, standards, statutory requirements and project-specific technical specifications

Schedule of Quantity:

Schedule of Quantity of Glass Fused Steel Tanks			
Biogas project at Ode,Anand,Gujarat.			
Sr. No	**Description**	**Quantity as per Tender**	**UOM**
	Design & Supply of GFS Tanks for Amul		
1	GFS tank 2800 M3 Volume	2	Lot
2	GFS tank 160 M3 Volume	3	Lot
	Instalaltion-testing -commissioning		
3	Installation, Testing & Commissioning of GFS Tanks at Ode-Anand,Gujarat.	1	Job

8. Technical Specifications

Design, Engineering, Manufacturing, Supply, Installation, Testing & Commissioning of Glass fused steel tanks volume of 1800m3 & 160 m3 at Biogas project at- Ode, Anand, Gujarat, India.

8.1 INTRODUCTION

IDMC Limited is setting up a 75 MTPD dung-based biogas plant at Ode, Anand ,Gujarat. In order to Biogas project, it is proposed to set up Glass fused steel tanks for the process equipment.

PROJECT SITE DETAILS

Site Address :1	Compressed Biogas Plant- Amul Dairy Amul Research and Development Association (ARDA), Nokha Talav, Ode village, Taluka: Umreth, District: Anand, Gujarat– 388210.

The bidder shall consider all relevant site-specific conditions while preparing the technical and commercial offer, including:

- Site-specific environmental and climatic conditions.
- Ambient temperature and operating temperature.
- Wind loading requirements.
- Seismic loading requirements.
- Soil and foundation interface conditions.
- Transportation and site accessibility restrictions.
- Installation and material handling requirements.
- Process operating conditions.
- Applicable statutory and safety requirements.

The bidder shall verify the suitability of the proposed tank design for the specified operating and environmental conditions

8.2 TECHNICAL SPECIFICATION AND SCOPE OF SUPPLY

Sr. No.	Parameter	Description
A	**TANK DETAILS**	
1	Size & Quantity	18-meter dia. and 12 meter height (11 m liquid depth + 1 m free board) : **Qty. 02 Tanks** 8-meter dia. and 3.5 m height (3.0 m liquid depth + 0.5 m free board) : **03Tanks**
2	Volume	2800 M3 each tank (18Mtr Dia x 12 Meter height) 160M3 each tank (8 meter Dia x 3.5 Meter height)
3	MOC	Glass Fused Steel (GFS)
4	Roof	GFS Fixed Leakproof Roof
5	For Wind velocity	As per location and as per IS: 875.
6	Seismic zone	As per Location and as per IS:1893
7	Specific Gravity	For Wastewater- 1.1
8	PH Range	4 to 12
9	Design Pressure	GFS Roof- Design Pressure -200 mmWC, Operating Pressure – 60 to 80 mmWC Vacuum Design pressure = (-)25 mm WC (As per process requirements) GFS Wall – Atmospheric Pressure + Full of Water (except roof)
10	Design Temperature	Up to 55 Deg C.
11	Design standard	Tank Wall thickness - in compliance with AWWA D 103-09 Rest other material as per applicable Standards.
B	**TANK WALL**	
1	Type	Bolted, Panelled, GFS Tank
2	Shape	Circular
3	MOC of Tank Sheets	Enamel Grade Mild steel, as per IS:2062 Grade A
4	Coating	Enamel Coating
5	Coating thickness	350 Micron
6	Thickness of wall sheets	Minimum 3 mm at top and increasing till bottom of tank, as per OEM design

7	Mechanical Properties of sheet	Ultimate Tensile Strength- minimum 400-450 Mpa. / as per applicable standards
9	Sheet Dimensions (Wall)	as per design by OEM
C	**ROOF FOR GAS COLLECTION**	
1	Roof Type	Conical Roof
2	MOC	Glass Fused Steel (GFS Roof)
3	GFS Coating	250 Micron
4	Rafters MOC	MS-HDG/GI
5	Central dome	MS-Bitumen Coating from Inside
6	Central Dome Dia.	Approx. 1000-1500 mm. (As per Design)
7	Any Agitator on roof	Not applicable
8	Railing and Ladder on Roof	MS-HDG/GI, Railing and Ladder from tank wall till central dome. Qty-01. Railing Height – 1.2 m. Pipe OD-32mm.
9	Roof Manhole	Not applicable
D	**HORIZONTAL STIFFNERS**	
1	Purpose	Connecting the tank to the foundation by use of anchor bolts/ protection against wind.
2	Profile	L – Shape/As per design requirement
3	Possible Dimensions	As per Design Requirements
4	Angle Type for Stiffening	ISA65/ISA75 (as per design requirement)
5	MOC	MS-HDG/GI
E	**NOZZLES and INSIDE PIPING**	
1	MOC	SS-304
2	Nozzle Schedule	BS TABLE 10D / ANSI 16.5 class 150 (Drilling dimensions and PCD of flanges to match standard, Flange thickness as per applicable Standard).
3	Nozzle Sizes and Quantity	As per process requirement/approved drawings
4	Wall Manhole	WALL MANHOLE (800 mm, QTY-1)
F	**NUTS, BOLTS and ANCHOR FASTNERS**	
1	MOC	Hot Dipped Galvanized
2	Grade	M 12 Grade 8.8, Mushroom headed
3	Protection of Nuts from Atmosphere	PP Caps from outside
4	Protection of Bolts from Liquid	PP fixed Cap on Bolt head.

5	ANCHOR FASTNERS	Suitable Mech/Chem type as per design
G	**TANK ACCESSORIES**	
1	Wall Sealant	Polyurethane based sealant
2	Bottom Groove Sealant	SPU/Epoxy Raisin Hardener
3	Railing	At top along the periphery MSEP pipe thk. 32 mm including kick plate as per GA drawing approved by the Engineer in charge
4	Ladder – Outside	Spiral Ladder running on tank wall with suitable railing
5	Platform	Top Circumferential Platform, MOC- MS, Width – 1.1 m. Extended platform where PRV and air blower for easy movement.
6	Pressure cum Vacuum Relief Valve (PVRV) on Tank wall	Qty-01, as per design
7	Support arrangement	Proper support to be provided for insulation and cladding.
H	**INSULATION**	
	Insulation Support	The Bidder shall design and provide all necessary insulation support components including Spacer, brackets/supports, Retaining clips, Fasteners, Clamps and fixing accessories, any other accessories required for secure and proper installation of the tank insulation.
I	**APPROVED MAKE**	ROSTFRIE STEELS/ PERMASTORE LIMITED/ NOVARIOUS GLOBAL

Note: The Bidder shall be fully responsible for the design, engineering, detailing, supply, and incorporation of all supports, clips, brackets, spacer arrangements, attachment provisions, and any other accessories required for installation of the insulation and cladding system on the Glass-Fused-to-Steel (GFS) tank. Such requirements shall be identified and incorporated during the tank design stage in consultation with the GFS tank OEM to ensure structural adequacy, integrity of the tank coating system, and compatibility with the insulation system.

8.3 INSTALLATION, TESTING, COMMISSIONING, PRODUCT TRIAL AND PERFORMANCE GUARANTEES

General Scope of Installation

The bidder shall consider all relevant site-specific conditions while preparing the technical and commercial offer, including:

- Site-specific environmental and climatic conditions.
- Ambient temperature and operating temperature.
- Wind loading requirements.
- Seismic loading requirements.
- Soil and foundation interface conditions.
- Transportation and site accessibility restrictions.
- Installation and material handling requirements.
- Process operating conditions.
- Applicable statutory and safety requirements.
- Final inspection, commissioning and handover.
- Site cleaning and removal of packing materials and installation waste.
- Post-commissioning support as specified in this tender.

8.4 Third-Party Design Vetting, Verification and Certification

The bidder shall be fully responsible for obtaining independent third-party design vetting and verification of the complete GFS tank design and engineering package.

The bidder shall include the complete third-party design vetting and certification process within its scope of work and quoted contract price.

The scope shall include the following:

1. Submission of Design Documents

The bidder shall submit the complete tank design, engineering drawings, structural design calculations, foundation loading details, roof design calculations, wind and seismic load calculations, pressure and vacuum design calculations, and all other relevant technical documents to an independent, competent and technically qualified third-party inspection/design vetting agency.

2. Technical Review and Verification

The appointed third-party agency shall carry out comprehensive technical review and verification of the following:

- Overall tank design and engineering.
- Structural adequacy and stability.
- Material specifications.

- Applicable design codes and standards.
- Design load combinations.
- Hydrostatic and liquid head calculations.
- Wind and seismic loading calculations.
- Roof structural design.
- Pressure and vacuum design conditions.
- Bolted connections and joint arrangements.
- Horizontal stiffeners and wind bracing.
- Anchor bolts and foundation connections.
- Associated structural components and accessories.

Third-Party Design Vetting Certificate

The bidder shall obtain a duly signed and stamped Third-Party Design Vetting Certificate from the appointed independent agency.

The certificate shall confirm that the submitted tank design, engineering drawings and calculations have been independently reviewed and verified against the applicable design standards and specified project requirements.

Submission of Certified Documents to IDMC

The bidder shall submit the following documents to IDMC for review and records:

- Third-Party Design Vetting Certificate duly signed and stamped.
- Detailed Third-Party Design Vetting Report.
- Approved and vetted tank design calculations.
- Vetted General Arrangement (GA) drawings and fabrication drawings.
- Foundation loading and anchor bolt details.
- Structural stability and load calculation reports.
- Wind and seismic calculation reports.
- Roof structural design calculations.
- Pressure and vacuum design calculations.
- Compliance statement against applicable design codes and tender specifications.

8.5 Closure of Third-Party Observations

All observations, comments, discrepancies and recommendations raised by the third-party agency shall be duly addressed and incorporated by the bidder.

Revised documents shall be resubmitted for final vetting and certification wherever required.

The bidder shall obtain final confirmation from the third-party agency after closure of all observations.

8.6 Mandatory Approval Before Manufacturing

The bidder shall ensure that the complete third-party design vetting and verification process is successfully completed and all certified documents are submitted to IDMC before commencement of manufacturing.

Manufacturing shall not commence until:

- The complete design and engineering package has been vetted by the independent third-party agency.
- The duly signed and stamped Third-Party Design Vetting Certificate has been submitted to IDMC.
- The detailed vetted design report and approved design calculations have been submitted to IDMC.
- The required written approval for manufacturing has been obtained from IDMC.

8.7 Cost Responsibility

The entire cost towards third-party design vetting, verification, inspection, certification, documentation and associated services shall be borne by the bidder and shall be deemed included in the quoted contract price.

No additional payment shall be entertained by IDMC on this account.

8.8 Retention of Design Responsibility

Submission of third-party vetting certificates shall not absolve the bidder of its complete responsibility for the correctness, safety, structural integrity, performance and contractual compliance of the tank design.

The bidder shall remain fully responsible for the adequacy and performance of the complete tank system throughout the contractual and warranty periods.

8.9 Project Site Management and Manpower

The bidder shall deploy adequate qualified and experienced personnel to complete the work within the stipulated completion period.

Position	**Minimum Deployment**
Project Manager	1 No.
Project Site Engineer	1 No.
Site Supervisors	As required
Store In-charge	As required
Skilled Fitters	As required
Qualified Welders	As required
Riggers	As required
Helpers	As required
Safety Personnel	As required

The minimum proposed deployment shall include:

The bidder shall submit the qualifications and experience details of key personnel before commencement of work.

A competent representative with full technical and administrative authority shall be nominated for coordination with IDMC.

The bidder shall submit weekly manpower deployment reports and shall not withdraw key personnel without prior written intimation to the IDMC Site Engineer.

8.10 Unloading, Handling and Storage

The bidder shall be responsible for the safe unloading, handling, shifting and storage of all materials supplied under its scope.

The bidder shall provide all required equipment, including:

- Hydraulic cranes.
- Forklifts and pallet trucks.
- Lifting tackles and slings.
- Jacks and sleepers.
- Scaffolding and staging.
- Certified lifting accessories.
- Other material handling equipment.

Valid inspection and test certificates for lifting equipment shall be submitted before commencement of work.

Any damage arising from improper handling, unloading or storage attributable to the bidder shall be rectified or replaced at the bidder's cost.

The bidder shall inspect the materials received at site against the packing list, purchase order and approved drawings.

A detailed inspection report identifying shortages, damages and discrepancies shall be submitted to IDMC within seven days of receipt of materials.

The bidder shall be responsible for the safe custody and protection of materials handed over to it until installation and commissioning.

8.11 Tank Installation and Alignment

All tanks shall be installed in accordance with approved GA drawings, foundation drawings and OEM installation procedures.

The bidder shall:

1. Verify foundation levels and reference benchmarks before commencement of installation.

2. Check anchor bolt locations and foundation dimensions.

3. Ensure proper positioning, leveling and alignment.

4. Carry out assembly using OEM-approved procedures.

5. Ensure proper tightening of all bolted connections using calibrated tools.

6. Ensure that the GFS coating is not damaged during handling or installation.

7. Carry out all necessary rectification of installation-related defects.

8. Obtain approval from the IDMC Site Engineer at critical inspection stages.

Any damage to GFS panels during installation shall be immediately reported and rectified in accordance with the OEM-approved repair procedure.

8.12 Hydrostatic Testing and Leak Testing

Hydrostatic testing of all tanks shall be included in the bidder's scope.

IDMC shall provide water at one designated point within the plant premises. The bidder shall arrange pumps, hoses, temporary piping, instruments and distribution arrangements required for testing.

The bidder shall submit a detailed hydrotest procedure for approval before commencement.

Testing shall be conducted in accordance with the approved design standard and OEM recommendations.

The bidder shall prepare and submit hydrotest reports for each tank.

No tank shall be accepted without satisfactory completion of the specified testing and inspection.

8.13 Piping Erection

Where piping erection is specifically included in the approved scope and Schedule of Quantities, the bidder shall undertake installation of associated process and utility piping.

The scope shall include:

- Installation of piping systems as per approved P&IDs and drawings.
- Installation of pipe supports, guides, anchors, hangers and rollers.
- Installation of control valves, relief valves and other piping specialties.
- Installation of flow measurement primary elements.

- Cutting, edge preparation, fit-up and welding.
- Internal cleaning and flushing.
- Hydrostatic testing and submission of test reports.

Piping Material and Fabrication Requirements

All piping shall be manufactured and installed as per applicable BIS/ASME standards and approved drawings.

The bidder shall ensure that all pipe ends are adequately capped during storage and installation to prevent contamination.

Black MS pipes shall receive two coats of red oxide primer or the approved protective coating system.

Where piping passes through RCC walls or slabs, suitable pipe sleeves shall be provided.

SS Piping Welding

SS piping shall be cut accurately and prepared without damaging the existing surface finish.

Welding shall be performed using the TIG welding process with suitable inert gas purging and shielding.

All weld joints shall be properly cleaned using approved stainless-steel-compatible cleaning materials.

Internal weld quality and surface finish shall be suitable for the intended process service.

8.14 Structural Supports, Platforms and Ladders

Fabrication and installation of MS/GI structural supports, platforms, tables, ladders and miscellaneous structural components included in the approved BOQ shall be in the bidder's scope.

All fabricated structures shall be properly cleaned and finished with the specified primer and paint system.

All structural connections, welding and bolting shall comply with approved drawings and applicable standards.

8.15 Statutory and Labour Compliance

The bidder shall comply with all applicable statutory requirements and labour regulations.

Before commencement of work, the bidder shall submit:

1. PAN details.

2. GST registration certificate.

3. PF registration details.

4. ESI registration details, wherever applicable.

5. Workmen's compensation/employees' insurance policy.

6. Labour licence, wherever applicable.

7. Manpower details and identification records.

8. Applicable health certificates.

9. Other statutory documents required by IDMC.

The bidder shall be responsible for maintaining all statutory records for personnel deployed at the project site.

The bidder shall be responsible for all applicable labour-related statutory obligations, insurance and compensation.

8.16 Health, Safety and Environment (HSE)

The bidder shall strictly comply with IDMC's HSE requirements and all applicable statutory safety regulations.

The bidder shall:

- Provide safety helmets, safety shoes, gloves, safety belts and other necessary PPE.
- Ensure proper scaffolding and working-at-height protection.
- Provide adequate fire-fighting equipment during hot work.
- Ensure safe handling of gas cylinders.
- Conduct toolbox talks and safety briefings.
- Maintain safe working conditions at all times.
- Immediately report accidents, incidents and unsafe conditions.
- Ensure proper housekeeping and waste disposal.

All personnel shall undergo the required site safety induction before commencing work.

8.17 Manpower, Machinery and Tools

The bidder shall provide adequate manpower, tools, tackles, machinery and equipment for timely execution of the work.

At least one competent resident engineer shall remain stationed at the project site throughout the installation period.

All lifting tools, tackles, welding machines and other equipment shall have valid inspection and test certificates, wherever applicable.

IDMC reserves the right to instruct the bidder to replace personnel found unsuitable for the project.

8.18 Night Work and Additional Shifts

Night work shall be undertaken only with prior approval from IDMC.

IDMC may instruct the bidder to operate additional shifts to maintain the project completion schedule.

Adequate manpower, lighting and safety arrangements shall be provided by the bidder.

8.19 Electrical Power and Water

IDMC shall provide:

- Three-phase electrical power at one designated point within the plant premises.
- Water for hydrostatic testing at one designated point.

The bidder shall arrange the necessary distribution boards, cables, pumps, temporary piping and other distribution arrangements.

All electrical installations shall comply with applicable safety requirements.

8.20 Accommodation and Transportation

The bidder shall make its own arrangements for accommodation, food, local transportation and other requirements of its personnel.

All such expenses shall be deemed included in the quoted rates.

8.21 Assignment and Subcontracting

The bidder shall not assign or subcontract any part of the contracted work without prior written approval from IDMC.

Approval of subcontracting shall not relieve the bidder of its contractual responsibilities.

The bidder shall remain fully responsible for the quality, safety, statutory compliance and performance of its subcontractors.

8.22 Consumables

All consumables required for execution, including welding electrodes, filler wires, grinding wheels, cutting materials and other accessories, shall be provided by the bidder.

Argon gas required for welding shall be provided by IDMC.

8.23 Housekeeping and Site Cleaning

The bidder shall maintain proper housekeeping throughout the execution period.

All packing materials, scrap, waste and debris generated during the work shall be removed from the working area on a daily basis.

The bidder shall ensure that roads, passages and access areas remain unobstructed.

In case of failure to maintain proper housekeeping, IDMC reserves the right to arrange cleaning at the bidder's risk and cost.

8.24 Modifications and Rectifications

Minor modifications and rectifications arising during execution and requiring up to 24 man-hours shall be carried out by the bidder without additional cost, provided such modifications are within the original contractual scope.

Major modifications or additional work outside the contractual scope shall be paid as per approved unit rates or mutually agreed rates after written approval.

Minor shifting or repositioning of already installed equipment, when instructed by IDMC, shall be carried out without additional cost where it falls within the original scope.

8.25 Trials and Post-Commissioning Support

The bidder shall provide necessary support during water trials, commissioning and post-commissioning activities.

The scope shall include:

1. Field assembly and disassembly of components wherever required.

2. Inspection and validation of equipment before water trials.

3. Prevention of entry of foreign material into tanks, piping and connected equipment.

4. Support during water flushing and hydrostatic trials.

5. Preparation of inspection and trial records.

6. Deployment of one skilled team consisting of a welder, fitter and helper with the necessary tools and tackles.

7. Post-commissioning support until formal handover of the project.

The bidder shall include the cost of accommodation, food and transportation of its personnel in the quoted rates.

If post-commissioning support is required beyond 120 days, the additional deployment shall be governed by mutually agreed rates and a formal amendment to the purchase order.

8.26 General Contractual Conditions

IDMC reserves the right to assign part or all of the remaining work to another contractor if the bidder fails to maintain the required quality, progress or project schedule.

The successful bidder shall deploy additional skilled manpower and resources as required to achieve the stipulated completion schedule.

The successful bidder shall mobilize its complete installation team and arrange for tools, tackles and consumables within two weeks of receipt of the official commencement intimation.

8.27 Contractor's Default

In the event of failure to comply with the contractual conditions, IDMC reserves the right to arrange completion of the pending work through alternative resources at the risk and cost of the bidder, subject to the contract.

Any additional costs and expenses incurred by IDMC due to the bidder's default shall be recoverable in accordance with the contractual provisions.

The bidder shall verify the suitability of the proposed tank design for the specified operating and environmental conditions

This specification intends to define broad requirements of the mechanical installation work of tankages which shall comprise of:

a. Project Site Management including deployment of the experienced site manager, skilled Engineer and supervisors, approved and qualified welders & fitters, storage in-charge for maintaining store accounting of IDMC supplied materials at site, experienced rigging team, etc., as required.
b. General installation i.e. safe unloading of materials, shifting, positioning, and alignment of all the processing, miscellaneous, and service equipment.
c. Installation of structural supports, platform, tables, and other miscellaneous items as per quantity mentioned in the Summary sheet, annexure A & B.
d. Clean up of work site daily and at the end of the project.
e. Trials and post-commissioning support

8.28 BATTERY LIMITS AND SCOPE OF RESPONSIBILITY

The division of responsibilities between IDMC (Purchaser) and the successful bidder shall be as follows:

Description	Purchaser's Scope	Bidder's Scope
Civil Foundation	Design and construction of foundation/floor based on bidder-approved foundation loading and drawings	Submission of foundation drawings, loads, anchor bolt details and templates
Foundation Bolts	Civil foundation execution	Supply of foundation bolts, nuts, templates and associated erection materials
Tank Supply	—	Complete tank supply, including panels, roof, fasteners and accessories
Installation	—	Unloading, shifting, positioning, assembly and installation
Testing	Water at one designated point	Pumps, piping, instruments, hydrotesting and test reports
Electrical Power	Three-phase power at one designated point	Local distribution boards, cables and safe distribution
Insulation	Insulation and aluminum cladding supply and installation	Complete insulation support arrangement
Commissioning	Coordination and necessary process support	Mechanical commissioning, testing and technical support
Third-Party Design Vetting	Review and records of certified documents	Complete third-party vetting, verification, certification and associated costs

Any exclusions or interface requirements shall be clearly identified by the bidder in its technical offer.

The bidder shall not assume any exclusion unless specifically identified and accepted in writing by IDMC.

8.29 PACKING, TRANSPORTATION AND STORAGE

The bidder shall ensure that all supplied materials are properly packed for road transportation and safe handling.

Packaging shall provide adequate protection against:

- Mechanical damage.
- Scratches and impact.
- Corrosion and moisture.
- Damage to the GFS coating.
- Rough handling during transportation and unloading.

All packages shall be clearly marked with identification numbers, handling instructions and storage requirements.

The bidder shall consider a storage period of up to six months, including possible outdoor storage conditions, before final installation.

All major equipment and components shall carry suitable identification/nameplates indicating manufacturer, capacity, tag number, purchase order reference and other relevant details.

The bidder shall submit packing lists and dispatch documentation before shipment.

8.30 INSPECTION, QUALITY ASSURANCE AND DOCUMENTATION

The bidder shall implement an appropriate Quality Assurance and Quality Control (QA/QC) system throughout design, manufacturing, supply and installation.

The bidder shall submit the following documents, as applicable:

- Design basis and design calculations.
- Tank GA drawings.
- Foundation loading drawings.
- Foundation bolt and template drawings.
- Tank panel layout drawings.
- Nozzle orientation and schedule.
- Roof structural drawings.
- Structural design calculations.
- Material Test Certificates (MTCs).
- GFS coating quality certificates.
- Coating thickness inspection reports.
- Fastener certificates.
- Welding procedure and welder qualification documents, where applicable.
- Inspection and Test Plan (ITP).
- Hydrotest procedure and reports.
- Leak test reports.

- Installation and commissioning reports.
- As-built drawings.
- Operation and Maintenance (O&M) manuals.
- Warranty certificates.
- Third-Party Design Vetting Certificate, duly signed and stamped.
- Detailed Third-Party Design Vetting Report.
- Final vetted and approved tank design calculations.
- Third-party-reviewed GA and fabrication drawings.
- Foundation loading and anchor bolt verification reports.
- Compliance statement against applicable design codes and tender specifications.

IDMC shall have the right to inspect materials and manufacturing activities at the bidder's works, subject to mutually coordinated inspection schedules.

No manufacturing shall commence without submission of the certified third-party vetted design documents and receipt of the required written approval from IDMC.

The bidder shall provide all necessary inspection facilities, records and technical assistance to IDMC and its authorized representatives.

8.31 GUARANTEE AND WARRANTY

The bidder shall provide a comprehensive warranty for all supplied GFS tanks, structural components, accessories and associated equipment for a period of 12 months from the date of successful commissioning, completion of product trials and formal acceptance of the plant.

The bidder shall rectify or replace, at its own cost, any defects attributable to design, material, manufacturing, coating, workmanship or installation during the warranty period.

The warranty shall cover the integrity of the GFS coating and the performance of the tank system under the specified design and operating conditions, subject to the approved operating and maintenance requirements.

The bidder shall attend to warranty complaints within a reasonable time after receiving written notification from IDMC.

All rectification and replacement activities arising from defects covered under warranty shall be carried out without additional cost to IDMC.

8.32 DELIVERY AND PROJECT COMPLETION SCHEDULE

The bidder shall complete the entire package, including design, engineering, manufacturing, supply, installation, testing, commissioning and acceptance, within five months from the date of issuance of the Letter of Intent (LOI) or Purchase Order (PO), whichever is earlier.

The project schedule shall include the following major activities:

Sr. No.	Activity	Target Schedule
1	Kick-off meeting and submission of basic engineering documents	Within 1 week
2	Submission and approval of GA and foundation drawings	Within 3 weeks
3	Detailed engineering and manufacturing	As per approved baseline schedule
4	Material inspection and dispatch	As per approved manufacturing schedule
5	Delivery at project sites	As per project requirement
6	Installation and assembly	As per approved installation schedule
7	Hydrotesting and leak testing	After installation
8	Commissioning and product trial support	Within 5 months
9	Final documentation and handover	Within the contractual completion period

The bidder shall submit a detailed project execution schedule with its technical bid.

The schedule shall clearly identify site-wise engineering, third-party design vetting, manufacturing, inspection, dispatch, installation, testing and commissioning activities.

The bidder shall consider completion of activities at both project locations within the stipulated contractual completion period.

8.33. BID SUBMISSION REQUIREMENTS

The bidder shall submit separate Technical and Commercial Bids.

Technical Bid

- The technical bid shall include:
- Company profile and organizational details.
- Relevant experience in GFS tank design and supply.
- Details of at least three comparable projects, preferably for biogas, wastewater or anaerobic digestion applications.
- GFS tank OEM authorization, if applicable.
- Technical compliance statement against each tender requirement.
- Proposed tank design and construction details.
- Preliminary GA drawings.
- Preliminary design calculations.
- Proposed material specifications and coating details.
- Project execution methodology.
- Manufacturing and installation schedule.
- QA/QC and inspection procedures.
- Proposed manpower deployment.
- List of deviations and exclusions, if any.
- Warranty confirmation.
- Confirmation of undertaking complete third-party design vetting and certification.
- Details of the proposed independent third-party design vetting agency, wherever identified.
- Confirmation that certified third-party design documents will be submitted before commencement of manufacturing.

Commercial Bid

The commercial bid shall include separate prices for:

- Design and engineering.
- Manufacturing and supply of 2,800 m^3 GFS tanks – 2 Nos.
- Manufacturing and supply of 160 m^3 GFS tanks – 3 Nos.
- Tank accessories and structural components.
- Insulation support arrangements.
- Third-party design vetting, verification and certification.
- Packing and transportation.
- Unloading and handling.
- Installation and erection.
- Testing and commissioning.
- Post-commissioning support.

- Any additional services or optional items.
- Applicable taxes and duties.

The bidder shall submit separate site-wise prices for Amul and Sumul facilities.

The bidder shall ensure that all costs associated with the complete scope of work, including third-party design vetting, documentation, certification and associated services, are included in the commercial offer.

8.34 FINAL ACCEPTANCE AND HANDOVER

Final acceptance of the tank package shall be subject to the following:

- Completion of all contractual supply and installation activities.
- Satisfactory inspection of all tanks.
- Successful hydrostatic and leak testing.
- Verification of the GFS coating and structural integrity.
- Completion of all accessories and safety arrangements.
- Submission of approved as-built drawings.
- Submission of QA/QC and testing documentation.
- Submission of O&M manuals and warranty certificates.
- Submission of duly signed and stamped Third-Party Design Vetting Certificate.
- Submission of detailed third-party vetted design report and approved calculations.
- Closure of all outstanding observations.
- Completion of commissioning and applicable product trials.
- Formal acceptance by IDMC.

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