



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING (IITDM), KANCHEEPURAM**
Vandalur - Kelambakkam Road, Melakottaiyur
Chennai-600 127

**NOTICE INVITING TENDER
(E-PROCUREMENT THROUGH CPPP)**

Name of the Work:	Operation and Maintenance of 950 KLD Capacity Sewage Treatment Plant (STP) based on MBBR/FBBR Technology, including providing of Manpower, Supply of Chemicals, and Electrical Repair & Maintenance at IITDM Kancheepuram.
Tender No.:	IITDM/2026-27/ENGG/Civil/002; Dated: 09.06.2026

Important: All communications are to be addressed to in the name of **The Registrar, IITDM Kancheepuram** only and not in the name of any officer and mails shall be sent to official email id estate@iitdm.ac.in.

भारतीय सूचना प्रौद्योगिकी अभिकल्पना,
एवं विनिर्माण संस्थान, कांचीपुरम



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, KANCHEEPURAM

(An Institute of National Importance under Ministry of Education, Govt of India)
Melakkottaiyur, Vandalur-Kelambakkam Road,
Chennai – 600 127, Tamil Nadu.

NOTICE INVITING TENDER (E-PROCUREMENT THROUGH CPPP)

Indian Institute of Information Technology Design and Manufacturing (IIITDM) Kancheepuram invites **e-tender under TWO BIDS** with prequalification systems from the vendors who fulfils the eligibility as given below in the campus.

Particulars	Quantity Required
Operation and Maintenance of 950 KLD Capacity Sewage Treatment Plant (STP) based on MBBR/FBBR Technology, including providing of Manpower, Supply of Chemicals, and Electrical Repair & Maintenance at IIITDM Kancheepuram.	As per Annexure – III (Part A & B)

The tender document may be downloaded from the website <http://iiitdm.ac.in> or Central Public Procurement Portal <https://eprocure.gov.in/eprocure/app>

The offers, in the prescribed format shall be submitted online at <https://eprocure.gov.in/eprocure/app> as per the tender document. No tender will be accepted in hard copy, fax, email or any other such means. The intending, bidders must be registered with Central Public Procurement Portal <https://eprocure.gov.in/eprocure/app>.

a)	Tender Number / Date	IIITDM/2026-27/ENGG/Civil/002; Dated: 09.06.2026
b)	Pre-bid meeting / Site visit	16.06.2026; 11:00 Hrs.
c)	Bid Submission Last Date	29.06.2026; 15:00 Hrs.
d)	Technical Bid Opening	30.06.2026; 15:00 Hrs.
e)	Earnest Money Deposit (EMD)	Rs. 1,73,200/- (submission of EMD through SBI E'Collect/ Deposit to the bank account through NEFT or RTGS) https://www.onlinesbi.sbi/sbicollect/icollecthome.htm
f)	Security Deposit / Performance Guarantee	Successful Bidder shall submit the Security Deposit at 7.5% of Contract value.

TERMS & CONDITIONS GOVERNING THE CONTRACT

1. Eligibility Criteria: In order to be considered for the contract of the works as detailed under 'Technical Bid' in this Tender Document, the tenderer shall:

- 1.1 Have a corporate or works office at Chennai, for which the same valid certificate/proof (i.e, GST certificate, property tax bill, landline bill, etc.) shall be submitted.
- 1.2 Valid proof of firm registration, ESI & EPF registrations shall be submitted.
- 1.3 Be a specialized agency having Experience in executing similar "STP operation & maintenance works" preferably awarded by the State Govt. / Central Govt. / Autonomous / Reputed corporate institutions / Residential complexes for the value enlisted below and executed on or after 01/01/2020 with the STP Capacity more than or equal to 950 KLD.
 - (i) Rs. 27.71 lakhs Excl. GST for a single work order
 - (Or)
 - (ii) Rs. 17.32 lakhs Excl. GST each for two work orders

At least one work should be in progress and shall produce valid documentary proof of completion for the scheduled works mentioned.

- 1.4 The tenderer shall have a minimum annual turnover of Rs.30.00 lakhs during each of the last five financial years ending on 31.03.2026. Proof in the form of GSTR-9 returns for the respective years shall be enclosed along with the tender.

2. Earnest Money Deposit/Bid Declaration Form:

2.1 **Bidders shall deposit EMD through SBI E'Collect/ through NEFT/ RTGS to the following bank account: for an amount of Rs. 1,73,200/-, which must be paid online, and it shall be received on or before the last date and time of bid submission. Proof of payment for the EMD shall be attached to the technical bid. Physical mode of payment, i.e., Banker's cheque or Demand drafts, is unacceptable.**

2.2 Steps for submission of EMD through SBI E' Collect.

- a) Go to the link - <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>.
- b) Please select "IIITDM – KANCHEEPURAM A/C" from the drop-down list.
- c) Please select "Earnest Money Deposit (EMD)" from the Payment Category drop-down list.
- d) Kindly fill in all tender details, contact details, and EMD amount and make payment.
- e) After successful payment, the proof of payment for EMD shall be attached along with the technical bid.

2.3 Bank Account details for depositing EMD:

- Beneficiary name: IIITDM, Kancheepuram
- A/c No.: 50100551446350
- IFSC Code: HDFC0002075
- Bank Name: HDFC Branch: Kelambakkam

2.4 In the case of payment failure/ mismatch of particulars, the bid will be cancelled.

2.5 The EMD will be retained/ adjusted against the security deposit for the successful bidder.

- 2.6 For the unsuccessful bidders, the EMD amount will be refunded within 30 days from finalization of tender/award of work.
- 2.7 The bidder shall enclose the cancelled cheque/ Bank details to refund the EMD amount in case of unsuccessful bids.
- 2.8 EMD shall be forfeited if any tenderer withdraws their offer within the bid validity period

3. Security Deposit & Contract Agreement:

3.1

Acceptance of work.	within seven (07) working days from the date of receipt of the work order.
Submission of Security Deposit & Agreement.	within fourteen (14) working days from the date of receipt of the work order.
Commencement of work.	within fourteen (14) working days from the date of receipt of the work order.

- 3.2 **Security Deposit:** Successful Bidder shall submit the Security Deposit of **7.5%** of the Contract value in the form of a Crossed Demand Draft/Pay Order/Banker’s cheque/FDR drawn/Bank guarantee in favor of “The Registrar, IIITDM Kancheepuram,” payable at Chennai within fourteen (14) working days of the receipt of Notification of Award (NOA) / Award of Work order from IIITDM Kancheepuram.
- 3.3 In case of failure to commence the work by the Contractor after signing of the contract or handover of the site, the Institute shall be at liberty to terminate the Award and forfeit the Security Deposit.

4. Pre-Bid meeting:

- 4.1 For better appreciation of “Technical Bid” under this contract, the pre-bid meeting scheduled on **16.06.2026 @11:00 hrs.**
- 4.2 The bidders are advised to inspect and examine the site and satisfy themselves before submitting their bids. The tenderer shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A tenderer shall be deemed to have full knowledge of the site whether he/she inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. Submission of bids by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.

5. Preparation of bids - Two bid system (simultaneous receipt of separate technical and financial bids):

5.1 Technical bid shall consist of only prequalification document along with supported documents, which shall be uploaded as detailed below:

- 5.1.1 Complete prequalification papers, Name of the Agency and also commercial terms etc., offered (**Note: Price column in this cover should be kept blank**).

- 5.1.2 Duly filled and digitally signed Bid submission & self-declaration Proforma (**As per Annexure – I**), EMD transaction details (SBI Collect e-Receipt) & Cancelled cheques/ Bank details, GST Certificate, Firm Registration/ service certificate, ESI Certificate, EPF Certificate as required.
- 5.1.3 Duly filled and digitally signed copy of Technical Qualification Proforma (**As per Annexure – II**), **Technical bid (As per Annexure – III (Part A & B))** along with a copy of the similar Work order, work completion certificate with STP capacity as per the eligibility criteria referred in clause no. 1
- 5.2 Financial bid/ Techno commercial bid as per Annexure-IV** indicating price for the items mentioned in the technical bid, special concession in rates if any applicable for Educational Institutions shall also be offered and indicated clearly.
- 5.3 Both the covers should be submitted through online Central Public Procurement Portal <https://eprocure.gov.in/eprocure/app> before due date and time.**

6. Technical terms:

- 6.1 The selected contractor will have to carry out Comprehensive operation and maintenance of Sewage Treatment Plant (STP) installed in the IIITDM, Kancheepuram.
- 6.2 The contract is inclusive of day to day operation & maintenance of STP plant, mixing of required chemicals, preventive, breakdown & trouble shooting maintenance of motor pumps and panels (i.e., Electrical / Electronics / Mechanical / Electro-mechanical) of all installation of the systems, repairs, spare installations, testing & commissioning as per the relevant CPWD, Indian Electrical & civil and other product standards for the systems.
- 6.3 The contract also includes periodical checking & cleaning of all the items / parts mentioned in annexure-3 as well as to its subparts i.e., civil, electrical & mechanical parts, filters, motors, blowers, electric control panels, drives, automation systems, connecting cables, wires as well as checking of STP plant efficiency etc., as per direction of Engineer in charge. During service of Systems/ Equipments, Safety / precautionary items shall be supplied to the operator, which is in the scope of contractor and if required WORK IN PROGRESS, OUT OF SERVICE & DANGER PLATES etc., shall be kept in places in terms of safety.
- 6.4 The contract shall include providing all manpower, tools and tackles like ladder, stools, spanners, testing equipment, special equipment's, cranes, jacks, etc., and replacement of defective spare parts etc. The procurement of defective parts is in the scope of institute. Whereas, the same is not applicable if the fault occurred due to contract manpower misconduct/irresponsibility.
- 6.5 Daily, Weekly, Monthly Periodical maintenance & Breakdown maintenance as and when required should be carried out and including replacement of parts / sub parts for the effective functioning of the equipment during the contract period and all the necessary services / complaints / replaced equipment's reports should be submitted to IIITDM, Kancheepuram, the register for all such periodical maintenance to be maintained and subject to inspection by IIITDM.

- 6.6 Break down maintenance including any number of complaints / break downs for the period of contracted year shall be carried out by the contractor with in the stipulated time of complaint i.e., the complaint/call shall be completed within 24 hours if it is minor work and consumable replacements. The major components like motors, pumps, coils, blower fans, pipes etc., as applicable must be replaced within 07 working days upon material procurement by the agency as per relevant items (under special repair / replacement working days may be extended with prior approval of Engineer-in- charge of IIITDM for replacement).
- 6.7 The selected contractor shall ensure that the persons deployed are punctual, disciplined and vigilant in performance of their duty. The tenderer shall engage medically and physically fit persons and they shall be duty bound to display the same at the time of providing the service. The tenderer must employ adult labour only. Employment of child labour will lead to termination of contract.
- 6.8 **All the manpower deputed by the selected contractor shall wear uniform, safety helmet, Safety shoe, safety hand Glove, Nose mask and other safety Personnel Protective Equipments (PPEs) as per STP maintenance standard with identification badge/ID card issued by the Contractor.**
- 6.9 The selected contractor shall deploy his persons in such a way that the persons get weekly rest, the working hours/leave for which the work is taken from them, under relevant provisions of central Minimum Wages Act, and such other Acts as applicable. As amended from time to time or furnishing any information, or submitting or fulfilling any settlement under the provision of the said regulations and rules which is materially incorrect, they shall without prejudice to any other liability pay to the Registrar of the Institute a sum as may be claimed by the Institute.
- 6.10 The contractor shall follow all safety norms & security rules framed by Govt. norms & IIITDM from time to time regarding removal of materials from site, issue of identity cards, control of entry of persons and other similar matters.
- 6.11 The contractors' personnel shall not disclose any information or drawings furnished to him by IIITDM. Any drawings, records and other information prepared by the contractor or by IIITDM or jointly by both for the execution of the work shall not be disclosed without the prior approval of the IIITDM. No photograph of the institute or in and around places within the premises of IIITDM shall be taken.
- 6.12 The contractor shall keep his work spot and surroundings neat, clean and tidy. It should be free from dust, rubbish, scrap, surplus materials and unwanted tools and equipments. The Engineer in charge or his authorized representative has the right to stop the work, if the contractor fails to improve upon the house keeping after having been notified.
- 6.13 Engineer in charge will have the right to withdraw the work permit for any of the workmen for reasons of misconduct, incompetence in work, violation of safety and fire rules, negligence on duty etc.
- 6.14 Any other work covered under respective terms and conditions, if required or insisted by any regulatory body including tests and calibrations, etc., shall be undertaken by the agency.
- 6.15 The knowledge/Information of availability of manpower on daily basis shall be the responsibility of contractor himself and not by IIITDM. Contractor should ensure availability of his representative throughout the contract period who shall be responsible for manpower availability and their record keeping.

- 6.16 The contractor shall depute staff round-the clock to ensure maintenance services on all days in a Month as per requirement.
- 6.17 The contractor shall note that they shall have to carry out their work in close & smooth co-ordination with other contractors/agencies working in the same premises.
- 6.18 Police Verification of the antecedents of the persons to be engaged at IIITDM Kancheepuram shall be obtained by the tenderer in advance and made available to IIITDM Kancheepuram within 3 months from the award of contract.
- 6.19 The Registrar of the Institute or any person authorized by the Registrar shall be at liberty to carry out surprise check on the persons deployed by the tenderer in order to ensure that required numbers of persons are deployed and that they are providing the service properly.
- 6.19.1 All tools and accessories used for operation, maintenance, replacement, repairs, testing/measuring etc., are contractor's scope those tools & tackles should be submitted and approved by Engineering in charge.
- 6.19.2 Work without proper tools and tackles will not be permitted. Before starting the contract, the tenderer has to get the approval for tools for maintenance.
- 6.19.3 Minimum tools requirements are:
- | | | |
|--|---|---------|
| i. Cutting plier | - | 1 Nos. |
| ii. Screw driver set | - | 1 set |
| iii. Ring spanner full set | - | 1 Set |
| iv. Double handed spanner full set | - | 1 Set |
| v. Wrench spanner | - | 2 No's. |
| vi. Hammer | - | 1 No's. |
| vii. Box spanner | - | 1 Set |
| viii. Digital Insulation tester/Megger/Earth resistance tester | - | 1 Nos. |
| ix. Clamp meter & multi meter | - | 1 No |
| x. Allen key spanner set | - | 1 set |
| xi. Drilling Machine (Power) | - | 1 No's |
| xii. Hex saw, Poker | - | 1 Set |

And other related to the operation and maintenance work related tools and tackles.

- 6.20 Quoted rate is inclusive of all service, repair, rectification, spare/material replacement & transport of all the Sewage Treatment Plant equipment as well as all its subparts for smooth & effective functioning of STP water system.
- 6.21 The contractor shall display a board / notice / log sheet of the process of Sewage Treatment Plant Operation & Maintenance schedule and shall maintain necessary records or registers about the operation and maintenance, date of service carried out / next due date duly signed by the service engineer / technician of contractor.
- 6.22 The contractor shall intimate & record each and every repair or service carried out during the contract period and shall be submitted to the Engineer-in-charge of IIITDM.
- 6.23 The Contractor shall employ its labour in sufficient numbers to maintain the required rate of progress and of quality to ensure workmanship of the degree specified in the Contract and to the satisfaction of the Engineer-in-Charge.

6.24 Work shall be executed and completed as per the technical terms and conditions of this document. In case the Contractor fails to complete the assigned work within specified Period, IIITDM Kancheepuram may recover Liquidated Damage and/or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram on its part would be required to handover the site to the Contractor free from any encumbrance.

7. Commercial terms:

- 7.1 **The contract shall be in force for a period of TWO YEARS**, whereas work order will be issued on an annual basis taking into the account of satisfactory performance of the preceding year, further it may be extendable for a period of one more year on same price, terms and conditions of last year.
- 7.2 Payment will be made on monthly basis after satisfactory completion of the operation & maintenance service during that period and upon submission of necessary reports of FORM XVII as per register of wages, ESI, EPF & Salary slip correspondences as required. The rate inclusive of operation, maintenance, inspection, testing, fault rectification and incidental expenses etc.,
- 7.3 The persons deployed shall remain under the control and supervision of the selected contractor and shall be liable for payment for their wages etc., and all other dues which the tenderer is liable to pay under various labour regulations and other statutory provisions.
- 7.4 The tenderer shall ensure that all the employees get **minimum wages [Zone A]** as per the Central Minimum Wages Act, 1948 read with Minimum Wages (Tamil Nadu) Rules, 1953 and such other benefits as are admissible under various labour laws. He shall provide full information in respect of wages etc., paid to his employees so deployed in conformity with the provisions of contract Labour (Regulation and Abolition) Act, 1970.
- 7.5 IIITDM Kancheepuram shall pay the agreed amount on production of monthly bill (in duplicate) for the amount due towards services rendered during the preceding one month. The monthly bill shall include supporting documents towards receipt of payment by the persons employed. No other charges of any kind shall be payable. No advance payment shall be made to the agency. There would be no increase in rates payable to the agency during the contract period except in case of enhancement of Minimum wages by the central Govt. The income tax as applicable shall be deducted from the bill unless exempted by the Income Tax Department.
- 7.6 The tenderer shall also submit the proof of having deposited the amount on account of salary, ESI, EPF and Bonus towards the persons deployed in their respective names before submitting the bill to the institute. In case, the tenderer fails to do so, the Institute shall recover the same from the dues of the contractor and remit the contribution directly to the concerned authorities in the codes of the contractor. Further necessary action as deemed fit will be taken against the contractor. The tenderer shall obtain ESI card to the employer and shall furnish the same to Institute on demand. The Institute will reimburse the ESI only based on previous month remittance proof.

- 7.7 If the Contractor fails to complete the operation or maintenance work during the period as per the work order, IIITDM Kancheepuram shall without prejudice to its other remedies, deduct as liquidated damages 0.5% of the Contract Value (or) particular item of work value for each and every week of delay (part of the week shall be considered as full week) subject to maximum of 10% of the Contract Value (or) particular work value and the same shall be deducted from the bill(s) or any other payment due to the Contractor. The competent authority will evaluate the incomplete work/delayed work and take appropriate decision for penalty/liquidity damages. In addition to it, Institute shall be at the liberty to terminate the Contract, and/or forfeit the Security Deposit, in case, Contractor fails to complete the assigned work within the 'AMC Period'.
- 7.8 The Contractor shall take at his own cost, necessary insurance cover in respect of staff and other personnel to be employed or engaged by him in connection with the afore mentioned services personnel by services to be rendered. The contractor responsible for the safety of their staff during the performing duty at site. The copy of insurance cover shall be furnished to the institute for record purpose.
- 7.9 Statutory deductions of taxes at source will be carried out from the payment due at the prevalent rates as prescribed by the government.

8. Other conditions:

- 8.1 The institute reserves the right to reject any or all the bids without assigning any reasons thereof. No tenderer shall have any cause of action or claim against IIITDM Kancheepuram for rejection of his bid.
- 8.2 The Director, IIITDM Kancheepuram reserves right to withdraw / relax any of the terms and conditions mentioned above so as to overcome the problem encountered by the contracting parties.
- 8.3 The Director, IIITDM Kancheepuram reserves the right to terminate the contract at any time without assigning any reasons by giving a **one-month notice** to the contracting agency/firm/company.
- 8.4 The tender document is not transferable and Conditional Tenders / Non-compliance of any of the conditions set in tender document shall render the bid liable for rejection.
- 8.5 IIITDM Kancheepuram reserves the right to seek any clarification from the bidders or waive any minor deviation in the provisions governing the contract at its sole discretion.
- 8.6 IIITDM Kancheepuram reserves the right to suitably increase or reduce the manpower and the consumables mentioned in this tender. The payment will be made correspondingly as per the actual number of persons engaged in the work.

9. Special Conditions:

- 9.1 The effluent from Septic tank, sewage sump shall be treated in Sewage Treatment Plant so that the same can be used for Horticultural and flushing purpose as per condition of Govt. pollution control board norms.

9.2 The following standards as prescribed by Ministry of environment shall be followed.

The Desired quality of treated sewage		
Sl. No.	Parameters	Result
1	pH	6.5-9.0
2	Flow	15m ³ /hr. & 5 m ³ /hr.
3	BOD ₃ 27 ^o C	<30 mg/l
4	TSS	<100 mg/l
5	Fecal coliform	<1000 MPN per 100 ml

9.3 The treated water shall be pumped in to Hostel overhead tanks (OHT) and horticulture purpose systematically as per the requirement.

9.4 The tenderer shall not give sub contract or assign any item of work. The contractor will be responsible for smooth maintenance of the whole O&M of STP work.

9.5 The contractor shall ensure the proper functioning of the sewage treatment scheme as specified and as per approved standards and contractor is full responsible for worker's safety and security as per standards.

9.6 Sample of treated water shall be collected in the presence of Engineer-in-charge or his authorized representatives and tested at the intervals of three months at NABL accredited/TNPCB approved laboratory to ensure the satisfactory performance of the plant

9.7 A register shall be maintained for the following details.

9.7.1 Attendance sheet containing name of operators, working hours and shift details.

9.7.2 Copies of test results of the treated water (used for Horticulture & flushing purpose)

9.7.3 Log book with details of Breakdown and remedial measures taken.

9.7.4 Stock entry of consumption of chemicals.

9.8 Restrictions may be imposed by the security staff or department etc., on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/ instructions and nothing extra shall be payable on this account.

9.9 The contractor or their employees shall in no case use sewage Treatment Plants as housing/accommodations. Use of stoves (Electrical/Gas) in STP premises is strictly prohibited.

9.10 This work involves the following jobs:

9.10.1 Operation of plant 24x7 including operation & maintenance of all connected pumps, valves, etc., cleaning of all chambers, collection of cake from sludge chamber beds, stacking, etc., complete as required.

9.10.2 Required chemicals for day to day operations, shall be arranged by the successful tenderer as per the relevant item of work. The successful tenderer is responsible for conducting various tests, maintaining necessary registers for obtaining certificate for the treated water in conformity to the standards, etc.

9.10.3 The contractor is responsible for safe custody of material and equipment under this contract till handing over back to institute.

9.10.4 Contractor shall adopt a preventive maintenance schedule for avoiding break-downs.

9.10.5 The job of operation and maintenance shall include all the items prescribed in the tender documents. The Operation & maintenance of the plant shall be performed round the clock, the contractor has to make the arrangements accordingly, if required the duties/timings will be changed as the direction of the Engineer in charge. The cost of repairs/modifications necessary due to negligence of worker shall be recovered from the contractor as per assessment of Engineer in charge. If the contractor fails to repair within the period given to him the same will be got repaired departmentally or through other agency at his risk and cost.

9.10.6 At the work site, necessary first aid arrangements shall be available.

9.10.7 If any worker is absent on any day, the contractor shall arrange a substitute worker in his/her place without fail by making appropriate arrangements and shall be able to keep the prescribed number of labour present on any given time/day.

10. Fraud and Corruption: IIITDM Kancheepuram requires that bidders, suppliers, contractors, and any other entities engaged in the execution of works observe the highest standards of ethics. In pursuit of this policy. The terms set forth below are defined as follows:

10.1 "**Corrupt Practice**" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of a public official in the execution of a work.

10.2 "**Fraudulent Practice**" means a misrepresentation or omission of facts to influence the execution of a work.

10.3 "**Collusive Practice**" means a scheme or arrangement between two or more parties designed to manipulate competition, restrict fair execution, or artificially influence contract terms.

10.4 "**Coercive Practice**" means harming or threatening to harm, directly or indirectly, persons or their property to improperly influence work execution.

IIITDM Kancheepuram will terminate or take appropriate legal action against a contractor if it determines that the contractor, directly or through an agent, has engaged in corrupt, fraudulent, collusive, or coercive practices during the execution of the work.

12. Civil structure of STP tanks, surrounding area drains, sludge drying beds etc., should also be maintained properly. Contractor shall keep the surrounding area neat & clean.

13. Further, refer & comply with the in detail “Tender general terms and conditions” available at IIITDM > FORMS > ENGINEERING SECTION > TENDER GENERAL TERMS AND CONDITIONS” enclosed in the mentioned web link. These conditions are part and parcel of the contract agreement.

http://old.iiitdm.ac.in/img/intranet_forms/ENGINEERING_SECTION/ENGINEERING_SECTION_Tender_General_terms_and_conditions.pdf

Sd/-
REGISTRAR
IIITDM KANCHEEPURAM

BID SUBMISSION & SELF DECLARATION PROFORMA

Name of the Work	Operation and Maintenance of 950 KLD Capacity Sewage Treatment Plant (STP) based on MBBR/FBBR Technology, including providing of Manpower, Supply of Chemicals, and Electrical Repair & Maintenance at IIITDM Kancheepuram.
Tender No.	IIITDM/2026-27/ENGG/Civil/002; Dated: 09.06.2026

To
The Registrar,
 IIITDM Kancheepuram,
 Chennai – 600 127.

Dear Sir,

- 1.1 I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/ Public sector undertaking/ Autonomous Body, etc., anywhere in the country.
- 1.2 I/We hereby offer to quote for work as defined in ‘Financial bid/ Techno-Commercial Bid’ and the relevant Annexures at the quoted price given in the ‘Techno-Commercial Bid’ Proforma as per Annexure-IV and agree to hold this offer open for ‘03’ months from the due date.
- 1.3 I/We have read, understood, and complied with all Terms and Conditions stipulated in the Tender document necessary for the submission of this bid.
- 1.4 It is further stated that I/We have fully read and understood the ‘Techno-Commercial Bid’ Terms and Conditions in the Tender Document governing this contract and shall abide by them in total if awarded the Contract.
- 1.5 The EMD amount will be returned to the unsuccessful bidder, as mentioned in the tender document.
- 1.6 **I/We do hereby agree that if our Firm has not provided a copy of valid work order/ purchase order as per the eligibility criteria, it will not be considered for the further evaluation process.**

Date:

Digital Signature

Note: This form duly typed on the letterhead of the bidder and duly signed should be uploaded forming Annexure-I of this Bid document.

TECHNICAL QUALIFICATION PROFORMA

Name of the bidder (Firm):	
Contact details of the bidder: Contact person Name & Address: Land line: Mobile: Email ID:	
Valid Firm Registration/ Service Certificate: (Please enclose the copy of certificate) (should have 5 years' experience in the field.)	
Average Annual Turnover shall be of minimum 'Rs. 30 lakhs' for the last five financial years: (Please enclose the copy of GSTR9 returns for the last '5' financial years as proof)	
GST No.: (Please enclose the copy of GST)	
PAN No.:	
ESI No.: (Please enclose the copy of ESI)	
EPF No.: (Please enclose the copy of EPF)	
Bid Submission & Self-declaration Proforma: (Please enclose the annexure-I)	
Technical Bid: (Please enclose the Annexure – III (Part –A & B)	
Experience: Be a specialized agency having Experience in executing similar STP operation & maintenance works” preferably awarded by the State Govt. / Central Govt. / Autonomous / Reputed corporate institutions / Residential complexes for the value enlisted below and executed on or after 01/01/2020 with the STP Capacity more than or equal to 950 KLD. <ul style="list-style-type: none"> • Rs. 27.71 lakhs Excl. GST for a single work order (Or) • Rs. 17.32 lakhs Excl. GST each for two work orders (Please enclose the copy of valid Work Order / Purchase Order)	

Declaration:

I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in NIT.

Digital Signature

TECHNICAL BID**A) Manpower & consumables:**

Operation & Maintenance of Sewage Treatment Plant of 950 KLD capacity with MBBR/FBBR system, including engagement of manpower, supply of chemicals, and repair and maintenance of electro-mechanical installations at IIITDM, Kancheepuram.

(i) Manpower requirement & qualification details

Description	Manpower	Qualification / Experience
STP Technician (Highly Skilled)	1	Minimum 6 years of relevant practical experience in the Sewage Treatment Plant
STP Operator (Skilled)	7	Minimum 3 years of practical experience.

A). Requirement of Manpower & Wages as per Central Minimum Wages Act

Sl. No.	Work Description	Per day Minimum wages (Effective from Apr-2026)	Wages for the month (30 Days)	Qty	Total Amount per Month	Total Amount per Annum
1	STP Technician (Highly skilled)	₹ 1,094.00	₹ 32,820.00	1	₹ 32,820.00	₹ 3,93,840.00
2	STP Operator (Skilled)	₹ 1,008.00	₹ 30,240.00	7	₹ 2,11,680.00	₹ 25,40,160.00
Sub Total - 1 per annum (Rs.) (Excl. GST)						₹ 29,34,000.00

(iii) Supplying of following chemicals for STP and depositing in the institute for a requirement of three months in advance and getting it issued at site on monthly basis and mixing the chemicals at required intervals for routine maintenance.

Sl. No.	Description of Chemicals	Qty	Unit	Rate in Rs.	Total amount for three months
1	Bio culture 1st quality 90% bio growth	20	kg	₹ 900.00	₹ 18,000.00
2	Poly electrolyte (Setling chemicals)	30	kg	₹ 495.00	₹ 14,850.00
3	Sodium hypochlorite (10-11%)	750	Litres	₹ 28.00	₹ 21,000.00
4	Caustic soda	5	kg	₹ 95.00	₹ 475.00
5	Hydrochloric acid 33%	40	kg	₹ 14.50	₹ 580.00
6	Air blower oil- Gear oil 320	2	Litres	₹ 365.00	₹ 730.00
7	Grease (SkF)	1	kg	₹ 565.00	₹ 565.00
8	Cow dung	80	kg	₹ 10.00	₹ 800.00
9	Citric acid	25	kg	₹ 95.00	₹ 2,375.00
10	The treated samples shall be collected on request basis and report duly analyzed by NABL accredited/TNPCB approved laboratory and to be submitted to IIITDM	1	Job	₹ 9,000.00	₹ 9,000.00
Total Amount for Three months					₹ 68,375.00
Sub Total - 2 per annum (Rs.) (Excl. GST)					₹ 2,73,500.00

C.) CLEANING OF VARIOUS OVER HEAD TANKS, SUMPS, STP STORAGE TANKS AND WET WELLS ETC., LOCATED AT IIITDM, KANCHEEPURAM

S. No.	Details	Qty	Unit	Rate in Rs.	Amount in Rs.
1	Cleaning of STP storage tanks	3	No's	₹ 10,000.00	₹ 30,000.00
2	Cleaning of sewage wet wells(4 meter dia. and depth 5 meter)	2	No's	₹ 42,000.00	₹ 84,000.00
Sub Total - 3 per Annum					₹ 1,14,000.00
Total Per annum of Fixed Cost (Rs.) (A + B + C) (Excl. GST)					₹ 33,21,500.00

ANNEXURE-B (Variable Cost)

D.) Repair and maintenance work includes replacing of the following STP electromechanical items from its existing location and reinstallation of the same after completing the repair, replacement of the worn out items, rewinding the motor coils whenever required including transportation charges from STP site to workshop and return back etc., as per the manufacturer specification and including providing coupling etc., complete as directed by the engineer-in-charge (These items will be executed as and when required during the maintenance period as per the request of Engineer In charge and payment will be made as per actual)

S. No.	Description of work	Qty	Unit	Rate in Rs.	Amount in Rs.
1	Submersible pump of capacity 0.5 HP to 2.0 HP (Incl.)				
1.1	Motor re winding	1	Each	₹ 2,625.00	₹ 2,625.00
1.2	Replacement of oil seal/Mechanical seal and refilling of new oil	1	Each set	₹ 2,100.00	₹ 2,100.00
1.3	Service and repair of pump impeller	1	Each	₹ 1,050.00	₹ 1,050.00
1.4	Replacement of Pump impeller	1	Each	₹ 3,675.00	₹ 3,675.00
1.5	Replacement of Bearings and bushes	1	Each set	₹ 1,050.00	₹ 1,050.00
1.6	Repair/Replacement of shaft	1	Each	₹ 2,625.00	₹ 2,625.00
2	Submersible pump of capacity above 2.0 HP to 5.0 HP (Incl.)				
2.1	Motor re winding	1	Each	₹ 3,675.00	₹ 3,675.00
2.2	Oil seal/Mechanical seal and refilling of new oil	1	Each set	₹ 2,625.00	₹ 2,625.00
2.3	Service and repair of pump impeller	1	Each	₹ 1,575.00	₹ 1,575.00
2.4	Replacement of Pump impeller	1	Each	₹ 4,200.00	₹ 4,200.00
2.5	Replacement of Bearings and bushes	1	Each set	₹ 1,260.00	₹ 1,260.00
2.6	Repair/Replacement of shaft	1	Each	₹ 3,150.00	₹ 3,150.00
3	Submersible pump of capacity above 5.0 HP to 10.0 HP (Incl.)				
3.1	Motor re winding	1	Each	₹ 5,040.00	₹ 5,040.00
3.2	Oil seal/Mechanical seal and refilling of new oil	1	Each set	₹ 3,150.00	₹ 3,150.00
3.3	Service and repair of pump impeller	1	Each	₹ 1,575.00	₹ 1,575.00
3.4	Replacement of Pump impeller	1	Each	₹ 4,725.00	₹ 4,725.00
3.5	Replacement of Bearings and bushes	1	Each set	₹ 1,575.00	₹ 1,575.00
3.6	Repair/Replacement of shaft	1	Each	₹ 3,675.00	₹ 3,675.00
4	Submersible pump of capacity above 10.0 HP to 15.0 HP (Incl.)				
4.1	Motor re winding	1	Each	₹ 6,825.00	₹ 6,825.00
4.2	Oil seal/Mechanical seal and refilling of new oil	1	Each set	₹ 3,675.00	₹ 3,675.00
4.3	Service and repair of pump impeller	1	Each	₹ 1,575.00	₹ 1,575.00
4.4	Replacement of Pump impeller	1	Each	₹ 5,250.00	₹ 5,250.00
4.5	Replacement of Bearings and bushes	1	Each set	₹ 1,890.00	₹ 1,890.00
4.6	Repair/Replacement of shaft	1	Each	₹ 4,725.00	₹ 4,725.00
5	Centrifugal mono block above 2.0 HP to 5.0 HP (Incl.)				
5.1	Motor re winding	1	Each	₹ 3,675.00	₹ 3,675.00
5.2	Oil seal/Mechanical seal and refilling of new oil	1	Each set	₹ 1,470.00	₹ 1,470.00
5.3	Service and repair of pump impeller	1	Each	₹ 525.00	₹ 525.00
5.4	Replacement of Pump impeller	1	Each	₹ 1,575.00	₹ 1,575.00
5.5	Replacement of Bearings and bushes	1	Each set	₹ 1,890.00	₹ 1,890.00
5.6	Repair/Replacement of shaft	1	Each	₹ 2,625.00	₹ 2,625.00

6	Centrifugal mono block above 5.0 HP to 10.0 HP (Incl.)				
6.1	Motor re winding	1	Each	₹ 4,410.00	₹ 4,410.00
6.2	Oil seal/Mechanical seal and refilling of new oil	1	Each set	₹ 1,680.00	₹ 1,680.00
6.3	Service and repair of pump impeller	1	Each	₹ 525.00	₹ 525.00
6.4	Replacement of Pump impeller	1	Each	₹ 2,100.00	₹ 2,100.00
6.5	Replacement of Bearings and bushes	1	Each set	₹ 2,100.00	₹ 2,100.00
6.6	Repair/Replacement of shaft	1	Each	₹ 3,150.00	₹ 3,150.00
7	Centrifugal mono block above 10.0 HP to 15.0 HP (Incl.)				
7.1	Motor rewinding	1	Each	₹ 6,825.00	₹ 6,825.00
7.2	Oil seal/Mechanical seal and refilling of new oil	1	Each set	₹ 1,890.00	₹ 1,890.00
7.3	Service and repair of pump impeller	1	Each	₹ 525.00	₹ 525.00
7.4	Replacement of Pump impeller	1	Each	₹ 2,415.00	₹ 2,415.00
7.5	Replacement of Bearings and bushes	1	Each set	₹ 2,520.00	₹ 2,520.00
7.6	Repair/Replacement of shaft	1	Each	₹ 4,200.00	₹ 4,200.00
8	Air Blower -10.0 HP (Twin Lobe Rotary)				
8.1	Motor re winding	1	Each	₹ 6,300.00	₹ 6,300.00
8.2	Mechanical seal replacement	1	Each set	₹ 3,990.00	₹ 3,990.00
8.3	Replacement of Bearings and bushes	1	Each set	₹ 2,310.00	₹ 2,310.00
8.4	Repair/Replacement of shaft	1	Each	₹ 4,200.00	₹ 4,200.00
9	Screw pump - 3.0 HP (Single stage & single screw)				
9.1	Motor re winding	1	Each	₹ 3,675.00	₹ 3,675.00
9.2	Mechanical seal replacement	1	Each set	₹ 1,575.00	₹ 1,575.00
9.3	Replacement of Bearings and bushes	1	Each set	₹ 472.50	₹ 473.00
9.4	Repair/Replacement of shaft	1	Each	₹ 2,625.00	₹ 2,625.00
Total of Variable Cost (Rs.) (Excl. GST)					₹ 1,42,538.00

Note:

- GST & Taxes extra as applicable for Govt. educational institutions.
- The wages at A(ii) will be as per the Central Minimum Wages Act and will be paid accordingly.
- ESI will be paid on submission of remittance of proof.
- The quoted service charges shall remain firm and fixed throughout the contract period. Only statutory variations supported by Government notifications shall be considered for reimbursement/recovery as per the Statutory Variation Clause.
- Bonus shall be reimbursed as per statutory provisions applicable from time to time.
- Variable items (Annexure - B) are payable based on actual execution.

Declaration: I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in NIT.

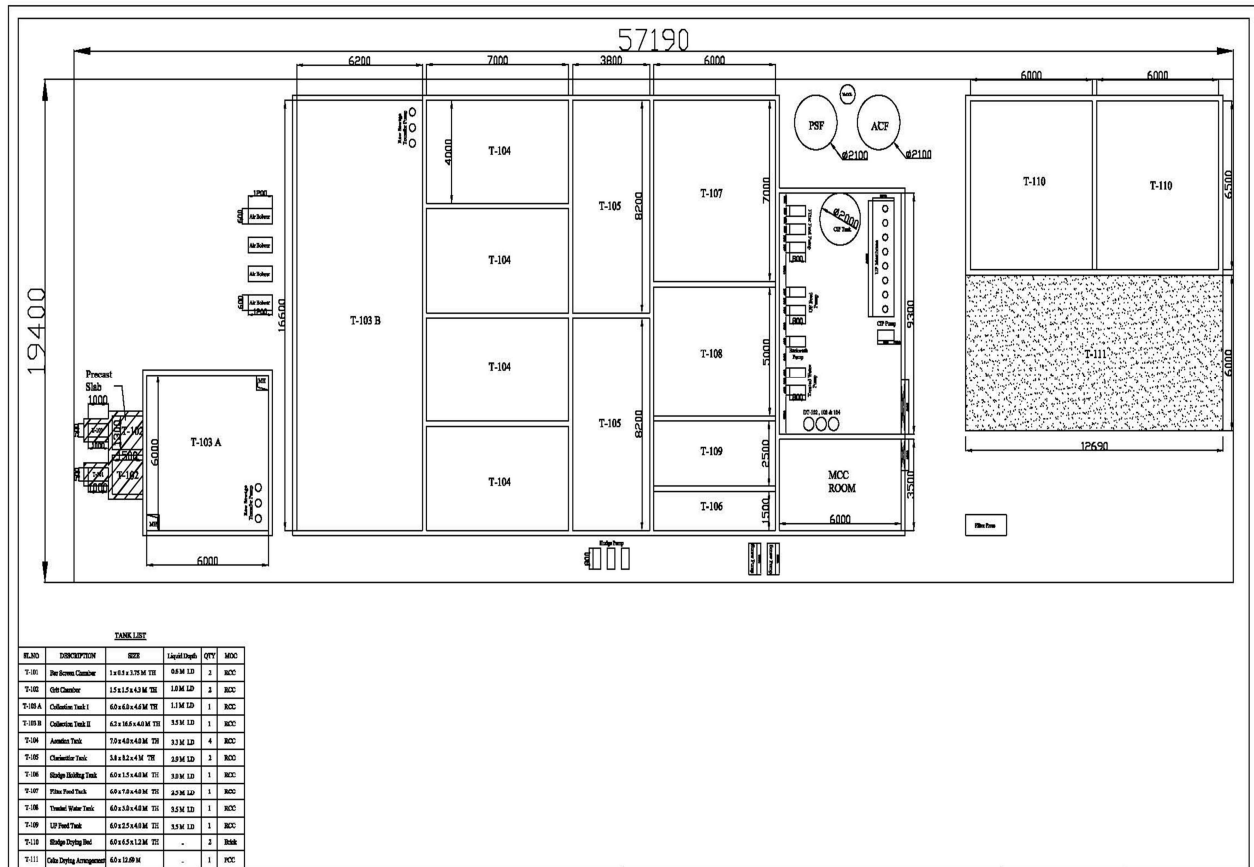
Date:

Digital Signature

B) Schedule of Maintenance:

Sl. No.	Daily (Indicative only)
1	Lifting the sewage as per standards from the sump, and checking all the pump working conditions and recorded in the log book in all the shifts
2	Check all the tank water levels and recorded in the log book in all shifts
3	Analyse & add required chemicals/bio culture in the aeration tank during night time/day time or whenever required, and required MLSS has to be maintained as per TNPCB standards.
4	Check and add the chemical levels of HYPO/HCL/Caustic soda, etc., and record them in the logbook on all shifts.
5	Backwash to be done in all the shifts for sand filter, carbon filter and UF filter and its connected maintenance works etc.,
6	The sludge tank is to be checked for the sludge level, and it shall be removed through the screw pump
7	All the shift log book shall be recorded for all the pumps, Electrical readings/meter readings, water supply, working hours and repair works.
8	Ensure that the treated water should be within the permissible limit as per standards.
9	Fill & ensure that the Ashwatha hostel STP storage treated water tank is filled with treated water 24x7 with systematically (Automation system sim card based to be installed and working condition 24x7)
10	Pump & ensure that garden water to be pumped whenever required.
11	Ensure that STP area neat and clean and green
12	The noise level of pumps and motors shall be within the standards specified by TNCPB residential area. Suitable maintenance shall have to be carried out for the pumps and motors to ensure this condition daily
13	Daily, they have to clean the required bar screen area, oil and grease tank area, removal and cleaning of overflow material, etc., if any in the STP area.
Sl. No.	Monthly (Indicative only)
1	All the pumps, rope, and grease are to be applied.
2	Electrical panel board/ MCB/terminals/pumps working conditions to be checked.
3	Water testing every 2 months, and the report is to be submitted along with the bills
4	All the reading meters and automatic systems to be checked, including the hostel STP delivery pump, etc.
Sl. No.	Quarterly (Indicative only)
1	Drain bed to be cleaned
2	UF chemical wash to be done, and efficiency to be checked
3	All the pumps, blowers, and air compressors need oil changes and greasing.
Sl. No.	Half-Yearly (Indicative only)
1	The compulsory settling tank, filter tank, and sewage wells are to be cleaned as per the relevant item.
2	All electrical motors, pumps, air blowers, diffused air membrane, sluice valves, Motorised control centre, chlorinating device, and all other electrical and mechanical equipment, fixtures, and fittings should be checked, and preventive maintenance carried out.

C) 950 KLD Sewage Treatment Plant (STP) block diagram:



TANK LIST

NO.	DESCRIPTION	SIZE	Liquid Depth	QTY	MAT
T-103	Pre Screen Chamber	1 x 8 x 3.75 M TS	0.8 M LD	2	RCC
T-102	Grit Chamber	1.5 x 1.5 x 4.3 M TS	1.8 M LD	2	RCC
T-103 A	Collection Tank I	6.0 x 6.0 x 4.0 M TS	1.1 M LD	1	RCC
T-103 B	Collection Tank II	6.2 x 16.6 x 4.0 M TS	0.9 M LD	1	RCC
T-104	Aeration Tank	7.0 x 4.0 x 4.0 M TS	0.3 M LD	4	RCC
T-105	Clarifier Tank	3.8 x 8.2 x 4.0 M TS	0.9 M LD	3	RCC
T-106	Solids Drying Tank	6.0 x 1.5 x 4.0 M TS	0.9 M LD	1	RCC
T-107	Filter Tank	6.0 x 7.0 x 4.0 M TS	0.2 M LD	1	RCC
T-108	Thickener Tank	6.0 x 3.0 x 4.0 M TS	0.5 M LD	1	RCC
T-109	UP Feed Tank	6.0 x 2.5 x 4.0 M TS	0.5 M LD	1	RCC
T-110	Solids Drying Bed	6.0 x 6.0 x 1.2 M TS	-	2	BRK
T-111	Solids Drying Arrangement	6.0 x 12.0 M	-	1	RCC

FINANCIAL BID

Tender Inviting Authority:	The Registrar, IIITDM, Kancheepuram	
Name of the Work / AMC:	Operation and Maintenance of 950 KLD Capacity Sewage Treatment Plant (STP) based on MBBR/FBBR Technology, including providing of Manpower, Supply of Chemicals, and Electrical Repair & Maintenance at IIITDM Kancheepuram	
eNIT No.:	IIITDM/2026-27/ENGG/Civil/002; Dated: 09.06.2026	
Name of the bidder:		
PRICE SCHEDULE		
Total Amount per annum in Rs. (Excl. GST)		₹ 34,64,038.00
Percentage rate quoted on the total amount (**Service charges) Excess only (Valid '+' percentage quotes only)		%
GRAND TOTAL PER ANNUM in Rs. (Excl. GST)		
Grand Total in words (Rupees)		/-

Note:

- 1. Quoting of percentage shall be limited to maximum of 2 decimal points & not less than 3.85%.**
2. The percentage rate quoted shall be the basis for determining the 'L1' bidder; in the event of a tie among multiple bidders at the L1 rate, the contract shall be awarded to the bidder with the highest average annual turnover (Rs. 30 Lakhs) calculating over the immediately preceding '5' completed financial years.
3. Service charges for one year may be quoted. The same rate is applicable for two more years.
4. Quoting negative percentages to the estimated amount will not be considered.
5. The bidder is to quote reasonable and competitive service charges and decision of the institute in this regard shall be final and binding on all the parties

Declaration: I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in NIT.

Date:

Digital Signature