

தமிழ்நாடு மத்தியப்
பல்கலைக்கழகம்



CENTRAL
UNIVERSITY OF
TAMIL NADU

தமிழ்நாடு கெந்திரிய
விஸ்வவித்யாலய

ESTABLISHED BY AN ACT OF PARLIAMENT IN 2009

நீலக்குடிபரிசர்/Neelakudi Campus ,திருவாரூர்/Thiruvarur- 610 005

estate@cutn.ac.in

04366 277 466

e-Procurement Notice

Ref.: CUTN/ENGG/ELE/Tender/2025-26/23

Dated:26.02.2026

Online tenders are hereby invited in **Two Bid System** from eligible interested bidders for the work “Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN, Thiruvarur.”

Bidders can download complete set of bidding documents from e-procurement Platform <https://eprocure.gov.in/eprocure/app> from 26.02.2026 onwards. Bidders need to submit the bids online for the interested items by uploading all the required documents through <https://eprocure.gov.in/eprocure/app>.

Last Date/ Time for receipt of bids through e-procurement is: 18-03-2026 (Server time).

Late bids shall not be accepted.

For further details regarding Tender Notification & Specifications please visit website: <https://eprocure.gov.in/eprocure/app> and www.cutn.ac.in

IMPORTANT DATE SHEET

Published Date	26.02.2026
Bid Document Download Start Date	26.02.2026
Date of Pre-bid Meeting	09.03.2026 @ 12.30 Noon
Last date & time for receipt of Tenders	18.03.2026 @ 15.00 Hrs
Bid Opening Date (Technical)	19.03.2026 @ 15.00 Hrs
Bid Opening Date (Price)	Will be announced after technical evaluation

Bidding Procedures

Instructions for Online Bid Submission

Instructions to the Bidders to submit the bids online through the Central Public Procurement Portal for e-Procurement at <https://eprocure.gov.in/eprocure/app>.

1. Possession of valid Digital Signature Certificate (DSC) and enrolment / registration of the contractors / bidders on the e-Procurement / e-tender portal are prerequisite for e-tendering.
2. Bidder should register for the enrolment in the e-Procurement site using the “Online Bidder Enrolment” option available on the home page. Portal enrolment is generally free of charge. During enrolment / registration, the bidders should provide only valid and true information including valid E-mail id. All the correspondence shall be made directly with the contractors / bidders through E-mail id as registered.
3. Bidder need to login to the site through their user ID / password chosen during enrolment / registration.
4. Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY / TCS / nCode / eMudra or any other Certifying Authority recognized by Controller of Certifying Authorities (CCA) India on eToken / Smartcard, should be registered.
5. The registered DSC only should be used by the bidder in the transactions and should ensure safety of the same.
6. Contractor / Bidder may go through the tenders published on the site and download the tender documents / schedules for the tenders.
7. After downloading / getting the tender document/schedules, the Bidder should go through them carefully and then submit the documents as required, otherwise bid will be rejected.
8. Any clarifications may be sought online through the tender site, through the contact details or during pre-bid meeting if any. Bidder should take into account the corrigendum if any published before submitting the bids online.
9. Bidder may log into the site through the secured login by the user id / password chosen during enrolment / registration and then by submitting the password of the e-Token / Smart card to access DSC.
10. Bidder may select the tender in which he / she is interested in by using the search option and then move it to the ‘my tenders’ folder.
11. From my tender folder, he / she may select the tender to view all the details uploaded there.
12. It shall be deemed that the bidder has read and understood all the terms and conditions before submitting the offer. Bidder should go through the tender schedules carefully and upload the documents as asked; otherwise, the incomplete bid shall stand rejected.
13. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and ordinarily it shall be in PDF /xls / rar / jpg / dwf formats. If there is more than one document, all may be clubbed together and provided in the requested format. Bidders Bid documents may be scanned with 100 dpi with black and white option. It is advisable that each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip / rar and the same if permitted may be uploaded. The file size being less than 1 MB the transaction uploading time will be very fast
14. The Bidder scan update well in advance, the documents such as certificates, annual report details etc., under “MySpace option” and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.
15. The details of the DD / any other accepted instrument, physically delivered, should tally with the details available in the scanned copy and the data entered during bid submission time, otherwise

submitted bid shall not be acceptable or liable for rejection.

16. While submitting the bids online, the bidder shall read the terms and conditions and may accept the same to proceed further to submit the bid packets.
17. The bidder has to digitally sign and upload the required bid documents one by one as indicated. Very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read, understood and agreed with all clauses of the bid document including General conditions of contract without any exception.
18. The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files, the bid may be rejected.

PRICE BID

19. If the price bid format is provided in a spread sheet file like BoQ_XXXXX.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Priced-bid / BOQ template shall not be modified/replaced by the bidder; else the bid submitted is liable to be rejected for the tender.
20. The bidders are advised to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission due date and time (as per Server System Clock). The TIA shall not be held responsible for any delay or the difficulties faced during the submission of bids online by the bidders.
21. The time settings fixed in the server side and displayed at the top of the tender site, shall remain valid for all actions of requesting, bid submission, bid opening etc., in the e-Tender system. The bidders should follow such time during bid submission.
22. **The estimated value mentioned in the Tender document is inclusive of GST. However, the Bill of Quantities (BoQ) uploaded / submitted in the CPP Portal shall be quoted exclusive of GST.**

EVIDENCE FOR ONLINE BID SUBMISSION

23. After the bid submission (i.e. after Clicking “Freeze Bid Submission” in the portal), the acknowledgement number indicated by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and also be used as entry pass to participate in the bid opening.
24. All the data being entered by the bidders would be encrypted using Public Key Infrastructure (PKI) encryption techniques to ensure the secrecy of the data. The data entered is not retrievable by unauthorized persons during the bid submission and until the time of bid opening by any person.
25. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers / bid openers’ public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
26. The confidentiality of the bids is maintained with the use of Secured Socket Layer (SSL) 128-bit encryption technology. Data storage encryption of sensitive fields is done.
27. The bidder should logout of the tendering system using the normal logout option available at the top right-hand corner and not by selecting the (X) exit option in the browser.
28. For any queries regarding e-Tendering process, the bidders may contact at address as provided in the tender document. Similarly for any further queries, the bidders are advised to contact over phone: 1-800-233-7315, 0120-4001005 or send an E-mail to cppp-nic@nic.in.

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Estate Section (Civil)

TENDER DOCUMENT

(Two bid system)

“TECHNICAL BID”	
Tender Id no	CUTNELE20252623
Tender Ref. no	CUTN/ENGG/ELE/Tender/2025-26/23
Name of Work	Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTH, Thiruvarur.
Value of Work	Rs.39,08,915/- [Electromechanical Equipment = Rs.27,33,635/- and One Year Operation & Maintenance = Rs.11,75,280/-]
Period of Work	09 Months plus One year Operation & Maintenance.
Date of issue of Tender	26.02.2026
Last Date & Time for Receipt of Tenders	18.03.2026 up to 15:00 Hrs.(Office time)



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சंसदद्वारा पारित अधिनियम 2009 के अंतर्गत स्थापित

CENTRAL UNIVERSITY OF TAMIL NADU

(Established by an Act of Parliament, 2009)

नीलकुडीपरिसर/Neelakudi Campus ,तिरुवारूर/Thiruvarur- 610 005

Estate Section

estate@cutn.ac.in

04366 277 466

NOTICE INVITING TENDER (NIT)

01	Tender Ref. no	:	CUTN/ENGG/ELE/Tender/2025-26/23
02	Name of work	:	Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN, Thiruvarur.
03	Estimated cost	:	Rs.39,08,915/- [Electromechanical Equipment = Rs.27,33,635/- and One Year Operation & Maintenance = Rs.11,75,280/-]
04	Earnest Money Deposit (EMD) fee(Refundable)	:	<p>The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs.78,178/- by way of a demand draft/CUTN Account/Bank Guarantee. The demand drafts/ Bank Guarantee shall be drawn in favor of “Central University of Tamil Nadu” payable at Thiruvarur. The demand drafts for earnest money deposit must be closed in the envelope containing the technical bid. The EMD of the successful bidder may be a part of Performance Guarantee and for unsuccessful bidder(s), it would be returned (without interest) after award of the contract. Tenders received without EMD shall not be accepted.</p> <p>Details of University for deposition of EMD: Name: Central University of Tamil Nadu. Name of Bank: State Bank of India Branch Name: Central University of Tamil Nadu, Thiruvarur Branch Account No. 359691 48573 IFSC:SBIN0018724</p> <p>Note: Start-ups vendors shall be exempted from submission of Earnest Money Deposit as registered as start-ups with DPIT Certificate</p> <p>NSIC/MSME/SSI Registration shall NOT be accepted for exemption</p>
05	Tender document fee	:	NIL
06	Validity of Tender	:	90 days (From the date of opening of Financial bids)
07	Type of Tender (Works/Goods/Services)	:	Works (Electrical works contract)
08	Period of Work	:	09 Months plus One year Operation & Maintenance. (From the date of commencement of the work which will be calculated from the date of handing over of site to the contractor.)
09	Defects Liability period (DLP)	:	01 Year (for works) (From the date of actual completion of entire work and handing over to CUTN, Thiruvarur)

10	Date of issue	:	26.02.2026
11	Date & time of Pre-bid meeting	:	Estate Section, (KAILASH SATYARTHI BLOCK), CUTN On 09.03.2026 at 12.30 Noon.
12	Duration of submission of bids	:	21 days
13	Last date & time for receipt of Tenders	:	18.03.2026 up to 15:00 Hrs.(Office time)
14	Date & time of bid opening		
	(a) Technical bid opening	:	19.03.2026 at 15:00 Hrs.(Office time)
	(b) Financial bid opening	:	(Will be intimated through email separately, for those who are technically qualified based on the evaluation as per the conditions specified in the tender document.)
15	Mode for submission of Tender	:	Online mode (CPP Portal – www.eprocure.gov.in)
<ul style="list-style-type: none"> • The estimated value mentioned in the Tender document is inclusive of GST. However, the Bill of Quantities (BoQ) uploaded / submitted in the CPP Portal shall be quoted exclusive of GST. 			
<ul style="list-style-type: none"> • Bidders are advised to regularly check our website (www.cutn.ac.in and <i>CPP Portal – eprocure.gov.in</i>) for any corrigendum/amendments till the opening of tender. All pages should be signed by bidder. The tender document contains 01 to 56 pages. 			

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Registrar, CUTN, Thiruvarur



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Estate Section

estate@cutn.ac.in

04366 277 466

The Registrar, Central University of Tamil Nadu (CUTN), Neelakudi campus, Thiruvarur-610 005 invites Tender in Two Bid system (1.Technical, 2. Financial) from contractors having similar experience of working in Central/State Government/Public sector undertakings/Autonomous Organisations of the Central/State Government.

Earnest Money Deposit	Earnest money Deposit(EMD) of Rs.78,178/-
Online	<p>The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs.78,178/- by way of a demand draft / CUTN Bank Account / Bank Guarantee. The demand drafts/ Bank Guarantee shall be drawn in favor of “Central University of Tamil Nadu” payable at Thiruvarur. The demand drafts for earnest money deposit must be closed in the envelope and send it to University address.</p> <p>The EMD of the successful bidder may be a part of Performance Guarantee and for unsuccessful bidder(s), it would be returned (without interest) after award of the contract. Tenders received without EMD shall not be accepted.</p> <p><u>Details of CUTN Bank details for deposition of EMD:</u> Name: Central University of Tamil Nadu. Name of Bank: State Bank of India Branch Name: Central University of Tamil Nadu, Thiruvarur Branch Account No. 359691 48573 IFSC:SBIN0018724</p> <p>Note: Start-ups vendors shall be exempted from submission of Earnest Money Deposit as registered as start-ups with DPIIT Certificate.</p> <p>NSIC/MSME/SSI Registration shall NOT be accepted for exemption</p>

Eligibility Criteria:-

1) Experience of having successfully completed similar work individually cost not less than as stated below during the last 7(seven)years ending previous day of last date of submission of tender application.

(i) Three similar completed works* experience, at least one of them should be for Central/State Government/Public sector undertakings/Autonomous Organisations of the Central/State Government each of value not less than **Rs.15,63,566/-**.

(Or)

(ii) Two similar completed works* experience, at least one of them should be for Central/State Government/Public sector undertakings/Autonomous Organisations of the Central/State Government each of value not less than **Rs.23,45,349/-**

(Or)

(iii) One similar completed work* experience in Central/State Government/Public sector undertakings/Autonomous Organisations of the Central/State Government value of cost not less than **Rs.31,27,132/-**.

2) “Performance certificate” from the department where the work completed, (Minimum good & above). (Form-A)

(*) “**Similar works**” means experience in SITC of Electromechanical equipment of STP/ ETP and WTP, minimum of 100 KLD capacity or above of municipal/ Residential/ Educational institute sewage wastewater treatment system. At least 3 years’ experience in above said work of municipal/ Residential/ Educational institute sewage wastewater treatment system is mandatory, technical qualified agency should make a presentation before Financial bid opening.

Work Completion certificates, Performance certificates issued by Competent Authority will only be considered. Competent Authority means officer not below the Rank of Executive Engineer/ Equivalent would be acceptable. Necessary documentary proof like “Work Completion Certificates” in case of works carried out for Government Departments and “TDS” in case of works carried out for private parties should be enclosed in addition to the work completion certificates.

The cost/value of executed works shall be brought to current cost level by enhancing the actual cost/value of work at simple rate of **7% per annum**, calculated from the date of completion to previous day of last date of submission of tender application.

“**Cost/value of works**” means final cost as mentioned in the final bill carried out under single contract including cost of materials, if any, supplied by clients. However the cost of materials issued free of cost shall not be considered for calculating the cost/value of work.

- 3) **Annual Turnover:** Average Annual Financial turnover should be at least **Rs.11.73 lakh** during the immediate last 3 consecutive financial years. (IT return submission)
- 4) **Profit/loss:** The bidder should not have incurred any loss (profit after tax should be positive) in more than two years during available last Three consecutive balance sheets, duly audited and certified by the Chartered Accountant. (Form –B)
- 5) **Solvency Certificate:** Should have a latest solvency certificate of **Rs.15.64 lakh** from any Nationalised / scheduled Bank. (Form: C)
- 6) Contractor has to submit separate registration code No. for PAN, GST, ESI, EPF, Labour license (renewal /current), Labour Identification Number (LIN) on contractor’s name / firm.
- 7) Joint venture bids are not permitted and shall not be accepted or considered and shall be summarily rejected.
- 8) The bidder shall provide and submit information and details regarding litigation/Arbitration cases, if any, for the last 3 years.

Note: Start-ups vendors shall be relaxation in prior annual turnover and prior experience for contractors registered as start-ups with **DPIIT Certificate**.

It is tenderer’s responsibility to watch for any corrigendum or amendment till the opening of the particular tender that will be posted only at CUTN website (www.cutn.ac.in).

1. **Pre-bid meeting (Online/Offline):** The Tenderers or his authorized official representatives are invited to attend a Pre- bid Meeting which will take place at CUTN, Thiruvavur on **09.03.2026 at 12.00 Noon**. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage. The Tenderers are required to submit questions if

any in writing so as to reach the Deputy Registrar (Estate), CUTN before the date of pre bid meeting. Non-attendance at the Pre-bid Meeting will not be a cause for disqualification of a Tenderer. However, Clarifications given in the Pre- bid meeting are the part of tender documents and bound to be agreed & signed by lowest bidder during the issue of work order.

2. Tenders received in time will be opened at **15:00 Hrs** (Office time) on **19.03.2026 at Estate Section, CUTN, Thiruvarur**. In the event of this day being declared as a holiday, the tenders will be opened at the scheduled time and place on next working day.
3. Other details and the method of evaluating the capacity of the prospective contractors are detailed in the enclosed documents.
4. The Registrar, CUTN reserves the right to accept or reject any or all the tenders without assigning any reason thereof.
5. After award of the contract, if performance of the selected contractor is not found to be satisfactory during the Contract period , CUTN reserves the right to terminate the contract at any time by giving due notice and forfeiting from the bills to compensate the extra cost to be incurred by CUTN in carrying out the service through alternate agency.
6. The Registrar, CUTN also reserves the right to disqualify such bidders in the future tenders whose performance was not satisfactory against the earlier contracts entered into CUTN, Thiruvarur.

Earnest Money Deposit (EMD):-

The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of **Rs.78,178/-** by way of a demand draft/CUTN Account/Bank Guarantee. The demand drafts/ Bank Guarantee shall be drawn in favor of “Central University of Tamil Nadu” payable at Thiruvarur. The demand drafts for earnest money deposit must be closed in the envelope and send it to University address. The EMD of the successful bidder may be a part of Performance Guarantee and for unsuccessful bidder(s), it would be returned (without interest) after award of the contract. Tenders received without EMD shall not be accepted.

Details of CUTN Bank details for deposition of EMD:

Name: Central University of Tamil Nadu.

Name of Bank: State Bank of India

Branch Name: Central University of Tamil Nadu, Thiruvarur

Branch

Account No. 359691 48573 IFSC: SBIN0018724

The rate of earnest money deposit shall be as below:

- **2%** of the estimated cost put to tender (i.e.) **Rs.78,178/-**
- The bid security is normally to remain valid for a period of 45 (forty five) days beyond the final bid validity period

Refund/ forfeiture of Earnest Money Deposit (EMD):-

EMD by the tenderer will be forfeit if the tenderer does not commence the work within the period as per LOA / Contract. In case the LOA / contract is silent in this regard then within fifteen (15) days after award of contract the tender will be cancelled. EMD submitted by all unsuccessful tenderers shall be refunded normally within fifteen (15) days of acceptance of award of work by the successful tenderer. EMD of successful tenderer will be returned after receiving Performance Guarantee. EMD shall not carry any Interest.

If lowest tenderer withdraws his tender before the said period or issue of acceptance, whichever is earlier or makes any modification in the terms and conditions of the tender which are not acceptable to the University, then CUTN, shall without prejudice to any other right or remedy, be at liberty to forfeit 100 % of the said earnest money.

Performance Guarantee (PG):-

The successful tenderer shall deposit an amount equal to **5%** of the tendered and accepted value of the work (without limit) as performance guarantee in the forms of: Demand Draft or A scheduled bank guarantee or Banker's Cheque. The time allowed for submission of the performance guarantee by the contractor shall be **21 days** from the issue of the Letter of Acceptance, depending upon the magnitude and/or urgency of the work.

The Performance Guarantee shall be initially valid up to the stipulated date of completion plus sixty (60) days. In case the time for completion of work gets enlarged, the contractor shall get the validity of Performance Guarantee extended to cover such enlarged time for completion of work.

Unless the contractor whose tender is accepted, signs the Contract Agreements and makes the necessary Performance Guarantee (PG) specified in Para above within fourteen (14) days of the date of the order directing him to do so, the amount of Earnest Money Deposit already deposited by him will be forfeited and acceptance of his tender withdrawn.

CUTN shall not be responsible for any loss of securities, due to liquidation for any other reasons, what-so-ever or any depreciation in the value of the securities while in their charge or for any loss of interest there on.

All compensation or other sums of money payable by the Contractor to CUTN under the terms of this contract or under any other contract with CUTN may be deducted from the Last bill.

Return of Performance Guarantee (PG):- The Performance Guarantee will be returned to the contractor after successful completion of the contract and handing over to CUTN, including Defects Liability Period (DLP) plus sixty (60) days and extension period (if awarded) and extension period (if awarded) with the final bill without interest.

Defects Liability period (DLP):- Generally, the Defects Liability period (DLP) for any work under Central University of Tamil Nadu (CUTN) will be **six (6) months (If the works cost less than ten lakhs) (Or) 1 Year (If the works cost more than ten lakhs)** from the date of actual completion of the entire work and handing over to CUTN, Thiruvaur as a whole, wherein all the defects shall be rectified by the contractor at his own cost. However the contractor shall be responsible for safety, quality and soundness of this work including structural elements beyond defect liability period.

Notification of award of works:-

The Letter of Acceptance (LOA) will be issued by CUTN, Thiruvaur to the successful bidder. The issuance of LOA shall not constitute an Award of work.

Validity of Bids:-

The bid shall be valid and open for acceptance of the competent authority for a period of minimum 90 days from the date of opening of the financial bids and no request for any variation in quoted rates and / withdrawal of tender on any ground by successful bidder shall be entertained. A bid valid for a shorter period shall be rejected by the CUTN as non-responsive.

Payment:-

Payment will be made on submission of bill on satisfactory completion of works. **The running account bill is not admissible.** All payments shall be made in Indian currency by means of NEFT or RTGS with a reasonable time, after the certification of bills by the Estate section. The Contractor shall submit their Bank account details as given in Annexure-II with bills. Necessarily bill should be submitted by the contractor after obtaining the signature from the Engineer in charge by obtaining all formalities. The following payment will be recovered from the bills: Statutory deductions like Income Tax, as applicable. Any other recovery if becomes due.

GST amount raised in the invoice will be reimbursed on submission of proof of remittance to the government.

No advance payment will be made to the contractor

Disallowance of payment:-

If payment has been made in bill for any item of work but later on some defect is noticed, Engineer In-Charge is authorized to disallow the payment in the subsequent bills till rectification of the work.

Liquidated Damages for Delay in Performance:

The service provider shall pay liquidated damages to the Procuring Entity at the rate **0.5% per week** subject to maximum of five percent (5%) of contract value will be levied. In Case of inordinate delays as per para 7.4.5-3 of manual of procurement of works, maximum limits on LD shall be 10% (instead of 5%) on the total contract value.

Penalty for non-performance:

If the service provider has not corrected a Defect within the time specified in the Procuring Entity's notice, a penalty for Lack of performance will be paid by the service provider at the rate of **Rs.1000/-** per day.

Last & final bill:-

The Last & final bill complete in all respect shall be submitted by the bidder within Sixty (60) days from the date of completion of work. The total quantity may vary as per actual work execution/site requirement/and user suggested changes during execution.

Settlement of final bill shall be made subject to deduction of all dues recoverable from or payable by bidder, settlement of all disputes and furnishing of all required documents/clarifications and grant of extension of time, if any, by CUTN's competent authority.

CUTN reserves the right to carry out the post-payment Audit and technical examination of the work and final bill including all supporting vouchers, abstracts etc., and enforce recovery of any sum becoming due as a result thereof in the manner provided in the presiding sub-paragraphs. Such recovery shall be enforced any time even after passing the final bill.

The Contractor should submit the last & final bill along with a "NO CLAIM CERTIFICATE"

Important Instructions to Tenderers**Section-I****1. General**

1. Items of work other than those mentioned in the Bill of Quantities (Tender Schedule) attached hereto will be carried out at the rates to be fixed by this University as per relevant clauses of CPWD Works Manual.
2. Time is the essence of the contract. Being a time bound project, the contractor should make all efforts to complete the work in time.
3. Even though the overall completion period is indicated as **09 Months plus One year Operation & Maintenance** the work shall be completed progressively and handed over as per agreed split up schedule if any.
4. The tender value includes cost of cement, reinforcement steel, structural steel and all other related material required for completion of the work.
5. The tenderers are advised to visit the site and get themselves acquainted with the site conditions before submitting the offer.
6. **The payment is made at the rate set out in the contract for the measured quantity executed as per M book. Reasonable variations in quantities (typically $\pm 10\%$ to $\pm 15\%$) may be permitted during execution with approval of the Engineer-in-charge along with justifiable reason. Variation beyond $\pm 25\%$ to $\pm 30\%$ shall required prior sanction of the Competent Authority.**
7. Tender quantity is only approximate and liable for variation without entitling the tenderer to any compensation, till the total value of contract vary by more than 30% (thirty percentages).
8. Quoted rate shall remain valid for a period of 90 days from the date of opening of Financial bids(i.e.)from the date of tender opening for the release of work order and will be firm throughout the contract period of **09 Months plus One year Operation & Maintenance** or till completion of work, once awarded and no cost escalation is allowed on any account.
9. The item rate offered is for finished item of works and shall provide for the complete cost towards fuel, tools, tackles, plant & machinery, temporary works, labour, materials, levies, taxes, transport, lay-out, repairs, rectifications, maintenance till handing over, supervision, labour colonies, establishment, services, roads, revenue expenses, overheads, profits & all other incidentals etc., complete.
10. The Tenderer should be a GST Registered Contractor and should have filed returns with respect to GST and proof of documents should be furnished. If the proof of ESI, EPF & GST

registration is not furnished the tender of the tenderer will not be eligible for opening financial bid and become disqualified.

11. Some changes are likely in the quantities furnished as well as in the layout, design and specifications of the work. The rates quoted shall be deemed to be inclusive of all such contingencies.
12. The work shall be carried out as per drawings released then and there, BIS/CPWD specifications, and standard code of practice and as per the instructions of Engineer-in-charge.
13. All the materials to be used in the work and the nature of work shall conform to the respective BIS, CPWD and National Building Organisation, Standard Specifications forming part of "Delhi standard schedule of rates" specifications. All materials brought by the Contractor for incorporation in the work shall be got inspected and approved by the Engineer-in-charge before they are incorporated in the work.
14. Since the responsibility for the quality, workmanship and accuracy of any work being carried out under this contract lies with the contractor, the contractor should ensure that no work is done without the presence of contractor's representative at the work spot, whose strength depends on the value of contract awarded. The contractor should arrange for surveying construction site at his own cost.
15. The decision of Engineer-in-charge shall be final and binding on the contractor regarding clarification of items in this tender schedule. The works contract to be entered into with the successful tenderer will be governed by the CPWD Works Manual in force. The contractor shall strictly adhere to various labour laws in force.
16. To safeguard the persons working at height in roof, wall etc., sufficient number of Industrial Safety nets shall be provided at tenderer's cost in appropriate level and locations. The working and including Supervisors, Engineers should wear the personal protective items and safety measures such as helmets, safety belts, shoes, etc., before entering into working place.
17. The tenderer has to deploy adequate labour of required categories such as Unskilled, Skilled, Mason, Carpenter, Plumber, Welder, Fitter, Mistry, Technically experienced, etc. so as to execute the works simultaneously in all areas of work.
18. Expertise labour only to be engaged for specialized items of work like laying of ceramic tiles, marbles, cuddapah slabs, granite slabs and false ceiling, partition, wall panelling, architectural finishing etc. and work experienced persons shall be engaged for fabrication, water supply and aligning works, sewerage system work, etc.
19. The contractor shall follow norms of CUTN security system for movement of men & materials within the University premises.
20. The contractor should extend fullest co-operation with the third party agencies engaged, if any by CUTN, to adhere the Quality Control Procedures ensuring quality. The contractor should also extend full co-operation to the other contractors who may be doing other works in the same areas to enable them to execute their portions of work without any delay or difficulty.
21. Tenderers are requested to furnish a cancelled cheque leaf to accept Electronic fund transfer / RTGS transfer for any payment from Central University of Tamil Nadu, Thiruvarur.
22. No advance / mobilization advance will be given. LD / Penalty clause is applicable as per CPWD Works Manual in force.
23. Central University of Tamil Nadu, Thiruvarur reserves its right to reject a tender due to unsatisfactory past performance in the execution of a contract awarded against a different Tender.
24. Tenderer has to quote rates both in figures and in words for all the items given in the Bill of Quantities provided in the Financial Bid. In case of any difference in the rates quoted in figures and in words, the lower of the two rates will be taken as the tendered rate. Unit rate quoted shall be the basis for arriving the total value of the tender. The total amount for every item shall be arrived by multiplying the unit rate with the quantity indicated for that item. In case of any arithmetic deviation is noticed in the total amount, the same will be corrected and evaluated by taking unit rate as basis and multiplying with the quantity indicated.
25. Tenders received after the due date and time of opening, will not be accepted. The contractor's responsibility under this contract shall commence from the date of receipt of the LOI/LOA by the tenderer. The scheduled period of completion for this work is as mentioned in page No. 02, and the Contractor will have to plan his work accordingly.

26. Generally, the maintenance period/ Defect Liability Period for any work under Central University of Tamil Nadu (CUTN) will be Twelve (12) months from the date of completion.
27. All the documents shall be duly signed with seal in all pages. Any deviation to this tender terms & condition and schedules of this tender will cause total rejection of the offer submitted. Incomplete offers will become liable for rejection.
28. The works contract to be entered into with the successful tenderer will be governed by the CPWD Works Manual in force.

Arbitration:

Except where otherwise provided for in the contract all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions hereinbefore mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the work or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the Sole Arbitration of the Hon'ble Vice Chancellor/ Registrar of CUTN and if Hon'ble Vice Chancellor/ Registrar is unable or unwilling to act, to the sole arbitration of some other person appointed by the Hon'ble Vice Chancellor/ Registrar, willing to act as such arbitrator. The cases referred to Arbitration shall be other than those for which the decision of the Engineer-in-charge is expressed in the contract to be final and conclusive. There will be no objection if the arbitrator so appointed is an employee of CUTN and that he had to deal with the matters to which the contract relates and that in the course of his duties as such he had expressed views on all or any of the matters in dispute or difference.

The arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason, Hon'ble Vice Chancellor/ Registrar as aforesaid at the time of such transfer, vacation of office or inability to act, shall appoint another person to act as arbitrator in accordance with the terms of the contract. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor. Subject as aforesaid the provision of the Arbitration & Reconciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

It is a term of the contract that the party involving arbitration shall specify the dispute or disputes to be referred to arbitration under this clause together with the amount or amounts claimed in respect of each such dispute. The arbitrator(s) may from time to time with consent of the parties enlarge the time for making and publishing the award.

The work under the Contract shall, if reasonably possible, continue, during the arbitration proceedings and no payment due or payable, to the Contractor shall be withheld on account of such proceeding.

The *Arbitrator* shall be deemed to have entered on the reference on the date he issues notice to both the Parties fixing the date of first hearings. The *arbitrator* shall give a separate award in respect of each dispute or difference referred to him. The venue of arbitration shall be such place as may be fixed by the *Arbitrator* in his sole discretion. The award of the arbitrator shall be final, conclusive and binding on all parties to this contract.

In the event of disputes or differences arising between one public sector enterprise and a Govt. Department or between two public sector enterprises the above stipulations shall not apply or its amendments for arbitration shall be applicable.

Any dispute or claim arising out of/relating to this Contractor the breach, termination or the invalidity thereof, shall be settled by the Hon'ble Courts of Justice at Thiruvavur.

Force Majeure:-

If at any time during the continuance of this contract the performance in whole or in part by either party of any obligations under this contract shall be prevented or delayed by reason, of any war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine, restrictions or acts of **GOD** (hereinafter referred to as events) then provided notice of happening of any such events is given by either party to other within **Twenty one(21) days** from

the date of occurrence thereof neither party shall reason of such events be entitled to terminate this contract nor shall either party have any such non-performance and delay is resumed as soon as practicable after such events has come to an end or ceased to exist. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason or any such event claims for extension of time shall be granted for period considered reasonable by CUTN subject to prompt notification by the tenderer to CUTN of the particulars of the events and supply to the CUTN if required of any supporting evidence. Any waiver of time in respect of partial instalment shall not be deemed to be a waiver of time in respect of remaining deliveries. The correspondence exchanged against the tender from both tenderer and CUTN through email are considered as valid document legally though it is not signed. It is treated as valid confirmations made on behalf of the respective company and very much comes under the legal ambit of the business transaction and hence it is binding on both the parties to the business. Any transaction pertaining to the tender from both the parties of business done round the clock irrespective of the office or business hours of the companies, are valid legally and binding on both the parties. This applies to the extent only in such cases where deadline time for transaction is not specifically declared by either or both the parties to the business. In case Letter of Intent (LOI) or Letter of Acceptance (LOA) is issued through email, the computer generated time and date of mail shall be construed as the official time and date of release of LOI/LOA. In as much as this date is within the last date of validity given by the tenderer, the LOI/LOA is said to have been issued within the validity period and shall be binding on both the parties to the business. Tenderers participating in the tender should declare in their Technical bid that whether they have been black-listed / kept on hold for a specified period / given Business holiday for a specified period by any Public sector undertaking or Government departments. The reasons for such action with details and the current status of such hold shall be clearly furnished to CUTN. If no such details are mentioned in the offer then it will be construed that the subject tenderer is not under any such hold. But at a later date, if it comes to the notice of CUTN about any such hold under enforcement on the subject tenderer, CUTN will have every right to reject the offer of such vendors at any point of time and also under any stage of the finalisation of the subject tender irrespective of the status of the subject tenderer in that tender. Such tenderers will not be permitted to participate in the further tender proceedings and will be communicated suitably. They will not be also considered for any on-going tenders even if participated till the hold is officially lifted and confirmed in writing.

Section-II

General Conditions of Contract

1. Items of work other than those mentioned in the Bill of Quantities (Tender Schedule) attached hereto will be carried out at the rates to be fixed by this University as per relevant clauses of CPWD Works Manual.
2. The Contractor shall maintain all registers and records in the proper manner and as required by the regulations of the various authorities concerned and indemnify the Employer from the consequences due to any inaccurate or faulty documents on the part of the Contractor.
3. The works contract to be entered into with the successful tenderer will be governed by the CPWD works Manual 2019 or the latest in force.
4. The successful tenderer/Contractor shall observe all safety regulations and take necessary safety precaution as called for and Safety Precautions enclosed herewith.
5. Some changes are likely in the quantities furnished as well as in the layout, design and specifications of the work. The rate quoted shall be deemed to be inclusive of all such contingencies. The quantity of work may be varied; actual work shall be executed as per site requirement. The extra item work may be made if required.
6. All the materials to be used in the works and nature of work shall conform to respective CPWD, BIS and National Buildings Organisation Standard Specifications and shall be got approved by the Engineer – in – charge before actual incorporation in the works.
7. All materials brought by the Contractor for incorporation in the work shall be got inspected and approved by the Engineer-in-charge before they are incorporated in the work
8. Engineer in charge or his duly authorized representative shall have all reasonable times access to Contractor's premises of work and shall have the power at all the reasonable times to inspect and

test any portion of the work or examine the materials and workmanship of the structures during their manufacture and test. The contractor shall give due notice in writing to the Inspecting Engineer of CUTN when the materials supplied to be incorporated in the work are ready for inspection and test. No material shall be incorporated in the work until the inspecting Engineer certified in writing that such materials have been inspected and approved by him or else the rejected material should be removed from site immediately.

9. The Contractor shall closely scrutinize all the drawings issued in connection with the work by this organization and bring to the notice of the Engineer-in-charge if any discrepancies, omissions in the drawings before undertaking the actual work pertaining thereto.
10. The Contractor shall be responsible for providing at his own expense for all precautions to prevent loss or damage from any and all risks and to minimize the amount of any such loss or damage and for the necessary steps to be taken for the said purpose.
11. The contractor should submit in advance every fortnight a detailed programme of work to be undertaken from time to time strictly in conformities with the "Time and Progress Chart" covering the entire constructed work and reschedule them wherever necessary during the progress of the work so as to achieve the target set.
12. The contractor should extend full co-operation to the other contractors who may be doing other works in the same areas to enable them to execute their portions of work without any delay or difficulty.
13. No night work will be permitted without the written permission of the Engineer – in – charge.
14. Permission for erection of temporary work sheds etc., at site will have to be obtained from CUTN in writing in advance.
15. In all matters of dispute, the decision of the Registrar, Central University of Tamil Nadu, Neelakudi campus, Thiruvarur - 610 005 shall be final and binding on the tenderer/contractor.
16. **Water charges** will be recovered at the rate of **1%** of the executed value of the water used items.
17. **Charges for electricity** should paid to University as per meter readings & TNEB rates or fixed amount as per the direction of Engineer In charge, if electricity is consumed.
18. **Labour welfare cess of 1%** of bill value will also be recovered from the bills and submitted to the authorities of the department.
19. **25% of 11.025 [EPF (8.75%) & ESI (2.275%)]** has been considered in the total cost. So, EPF and ESI amount will be reimbursed after submission of proof of payment receipt.

Section-III

General Safety Precautions

The following safety measures should be strictly adhered to, during execution of works at sites and safety precautions to be observed while transporting materials inside University premises.

1. In the event of any injured/fatal accident for the work men during the course of contract period, the compensation and other medical expenses towards the incident are lies with the Contractor. No way Central University of Tamil Nadu (CUTN), Thiruvarur is responsible.
2. All personal protective equipment conform with standard specification and Contractor including their Sub-contractors, agents and labour engaged on the work are required to scrupulously adhere to the safety regulations, safety precautions and measures. Any violation thereof will invite punitive action being taken against them. Also contractors with frequent violations of safety regulations will not be entrusted with further work in this University.
3. Providing helmet, safety belt, etc., for high level work and sufficient number of Industrial Safety nets at appropriate level to safeguard the persons working at high level particularly in roofing etc.,
4. Providing the working platform with toe board and handrail for continuous working at heights.
5. Providing safety belt and life line at all times for men working at heights.
6. The gas cylinders must be always handled on trolleys or kept tied down not in use. They should never be rolled as Roller for conveying.
7. Cylinders should not be used without regulators.
8. All excavations must be barricaded and red lamps must be provided.
9. All electrical connections must be properly earthed.
10. Providing dust or fume respirator in places where dust and fume concentration exists.

11. Providing goggles and welding screens.
12. Providing acid and alkali proof rubber gloves for handling acid and alkali and chemical which are corrosive.
13. Providing rubber gloves for working on electrical works.
14. Ensuring proper lashing of the components while being transported in vehicles.
15. The vehicles must have side supports or have body to support the materials conveyed.
16. The materials should not be allowed to extend or overflow the sides of the vehicles.
17. Materials should not be allowed to overhang from the rear edge of the body of the vehicle.
18. Driver of the vehicle must possess license.
19. Vehicle must not be overloaded prescribed limits.
20. Red flags and lights for parts projecting from the body of vehicle must be provided.
21. The speed restrictions within the Institute must be strictly adhered to.
22. Both the head lights as well as park lamps must be in working conditions.
23. The light on right side, i.e., over the driver's cabin shall be in working condition.
24. Vehicles carrying material should have proper registration documents and must be produced on demand by our Security Staff.
25. The vehicle should not travel at more than 20 kmph in our premises.
26. The Driver of the vehicle must possess heavy duty license and produce on demand by the Security Staff.
27. Vehicles carrying inflammable liquids in the tank containers should have grounding chain or the tank should be coated with insulating material also to avoid Static Electricity.
28. In road junctions, speed breakers and railway crossing, the speed should be lowered and vehicle should proceed cautiously.
29. The driving should 'Keep to the Left' at all places.
30. The vehicle should not be parked in road which could obstruct the vehicular traffic.
31. No person other than driver should be allowed to sit or stand on the prime mover or trailer.
32. The vehicle should pass only through the approved routes. Short cuts should be forbidden.
33. There must be a safe distance behind another moving truck.
34. The driver should avoid making quick starts, jerky stops or quick turns at excessive speed.

Terms and Conditions regarding compliance with various labour laws by the contractors for Central University of Tamil Nadu, Thiruvarur.

35. The Contractor shall in respect of labour employed by him either directly or through subcontractors, comply with or cause to be complied with the following statutory provisions and rules and in regard to all matters provided therein. Any other law or modifications to the below or to the Rules made thereunder from time to time.
 - i. Workmen Compensation Act, 1923.
 - ii. Payment of Wages Act, 1936 and related Central Rules.
 - iii. Employment of Children Act, 1938.
 - iv. Employees Liability Act, 1938.
 - v. Industrial Disputes Act, 1947.
 - vi. Employees' State Insurance (ESI) Act, 1948.
 - vii. Minimum Wages Act 1948 and related Central Rules.
 - viii. Employees Provident Funds & Miscellaneous Provision's (EPF) Act 1952.
 - ix. Contract Labour (Regulation & Abolition) Act, 1970
 - x. Payment of Gratuity Act, 1972.
 - xi. Inter-State Migrant Workmen (ISMW) Act, 1979.
 - xii. Motor Vehicle Act, 1988.
 - xiii. Building and Other Construction Workers (BOSW) Act, 1996.
36. In case of any theft or pilferages, loss or other offences, the Contractor will investigate and submit a report to the Registrar, Central University of Tamil Nadu, Thiruvarur and maintain liaison with the police. FIR will be lodged by CUTN, wherever necessary. If need be, joint enquiry comprising of both the parties shall be conducted and responsibility fixed.
37. The Contractor shall not employ in connection with the work any person who has not completed 18 years of age.

38. The Contractor employing **20 or more** workmen is required to obtain **Labour license** from the authorities (The Deputy Chief Inspector of Factories / Assistant Commissioner of Labour as the case may be). The license shall be amended and / or renewed wherever, there is an increase in the workmen employed by him or in the event of contract being extended or renewed. The Contractor shall inform the license number to the CUTN Management before taking up the work.
39. The Contractor (Licensed or unlicensed) shall promptly furnish every information and document required by CUTN authorities for the purpose of fulfilling their obligations as Principal Employer and shall render all necessary assistance for the same.
40. The Contractor shall fix wage periods in respect of which wages shall be payable. No wage period shall exceed one month. The Contractor shall pay wages to the workmen employed by him at the rate which shall not be less than the minimum wages applicable under Law from time to time. The Contractor shall ensure payment of wages to the contract labour employed by him within three days from the end of wage period in case the wage period is one week or a fortnight and in all other cases before 7th day of the following month.
41. All Payment of wages shall be made on working days at the work site and during the working time and on date notified in advance. In case the work is completed before the expiry of the wage period final payment shall be made within 48 hours of the last working day.
42. Where the employment of any worker is terminated by or on behalf of the Contractor, the wages earned by him shall be paid before the expiry of the second working day from the day on which his employment is terminated. Wages due to every worker shall be paid to him direct or to the person authorized by him in this behalf. All wages shall be paid in current coin or currency in both.

Cancellation of Contract:-

43. CUTN, whose decision shall be final and conclusive, shall without prejudice to any other right or remedy which shall have accrued shall accrue thereafter to CUTN cancel the contract in any of the following cases and the Contractor shall be liable to make payment to CUTN for any loss or damage resulting from any such cancellation to the same extent as provided in the case of cancellation for default,

If the Contractor shall

- i. Offer or give or agree to give to any person in CUTN service, any gift or consideration of any kind, as an inducement or reward for doing or for bearing to do or for having done or for borne to do any act, in relation to the obtaining or execution of this or any other contract for CUTN service,

Or

- ii. Enter into a contract with CUTN in connection with which commission has been paid or agreed to be paid by him or with his knowledge, unless the particulars of any such commission and the terms of payment thereof have previously been disclosed in writing to CUTN.

Or

- iii. Obtain a contract with CUTN as a result of ring tendering or by non-bonafide methods of competitive tendering, without first disclosing the fact in writing to CUTN.

44. CUTN, Thiruvaur, without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter to CUTN shall cancel the contract in any of the following cases:

If the Contractor

- i. Being an individual or if a firm any partner thereof shall at any time be adjudged bankrupt or have a receiving order for administration of his estate, made against him or shall take any proceedings for liquidation or composition under any bankruptcy Act or assignment of his effects of composition or arrangement for the benefit of his creditors or purport to do so, or if any application made under any Bankruptcy Act for the time being in force for the sequestration of his estate or if a trust deed be granted by him on behalf of his creditors.

Or

- ii. Being a Company, shall pass a resolution or the Court shall make an order for the liquidation of its affairs, or a receiver or Manager on-behalf of the debenture holders

shall be appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or Manager,

Or

- iii. Assigns, Transfers, Sub-lets or attempts to assign, transfer or sub-let any portion of the work without the prior written approval of the CUTN.
45. Whenever CUTN exercise the authority to cancel the contract under this conditions, CUTN may have the work done by any means at the Contractor's risks and expenses provided always that in the event of the cost of the work so done (as certified by Engineer in charge which is final and conclusive) being less than the contract cost, the advantage shall accrue to the CUTN and if the cost exceeds the money due to Contractor under the contract, the Contractor shall either pay the excess amount ordered by Engineering section, CUTN or the same shall be recovered from the Contractor by other means.
 46. In case, the CUTN carries-out the work under the provisions of this condition the cost to be taken into account in determining the excess cost to be charged to the Contractor under this condition shall consist of the cost of the materials, hire charges of tools and plants and/or labour provided by the CUTN with an addition of such percentage to cover superintendence and establishment charges as may be decided by Engineering section, CUTN, whose decision shall be final and conclusive.
 47. CUTN, Thiruvaur, without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter to CUTN shall cancel the contract in any of the following cases:
If the Contractor
 - i. Fails to comply with any of the Terms and Conditions of the contract or after reasonable notice in writing with orders properly issued there under.
 - ii. Makes default in carrying out the work as directed and continues in that state after a reasonable notice from Engineer in charge or his authorised representative.

Termination of Contract:-

48. Without prejudice to any of the rights or remedies under this contract, if the Contractor dies, or if the firm is dissolved or the company is liquidated, CUTN shall have the option of terminating the contract without compensation to the Contractor.
49. If at any time after the award of contract, CUTN shall for any reason whatsoever not require whole or any part of the work to be carried out the Engineer in charge shall give notice in writing of the fact to the Contractor who shall have no claim to any payment of compensation or otherwise howsoever on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not derive in consequence of the fore-closing of the work.
50. CUTN reserves the right to issue show cause/termination notice to the contractor by giving one month period on violation of any terms & conditions. Further, on expiry of one month, two more notices can be served giving each 15 days beyond which the agreement will stand terminated automatically unless the firm has fulfilled and complied with all obligations within the said period. During the notice period of termination of contract, the agency shall keep discharging his duties as before till the expiry of notice period.

Important conditions of Contract:-

51. The quantities given in the Bill of quantities of the tender are approximate only.
52. The contractor who has been terminated during the last three years is not eligible to participate in the tender. If tenders are received from them, those documents will not be considered for evaluation.
53. During execution of the work, if there is any delay, stoppage of work on any reason, the same shall be recorded by the contractor in the hindrance register available with EMD, with the signatures' of the concerned authorities.

Section-IV

- 1.1 The "Technical Bid" (application to qualify) shall contain data and information to enable the institute to draw up a list of agencies who can take part in the tender process and who's "Financial Bids" (Tenders) can be opened.

The following documents should be enclosed:

- i. Letter of Acceptance of bid in the enclosed format.(Annexure-A)
- ii. Performance certificates of works- *Form –A* (format enclosed)
- iii. Financial information in *Form –B* (format enclosed)
- iv. Solvency certificate from a Nationalised Bank –*Form -C* (format enclosed).

- 1.2 All information called for in the enclosed forms should be furnished against the respective columns in the forms. If information is furnished in a separate document, reference to the same should be given against respective columns. Such separate documents shall be chronologically placed at the end of the prescribed application. If information is 'nil' it should also be mentioned as 'Nil' or 'No such cases'. If any particular / query is not applicable in case of the applicant, it should be stated as 'Not applicable'. However, the applicants are cautioned that furnishing of incomplete/ambiguous information, suppression of facts and alteration of prescribed format will entail outright rejection of tender application. Application made by fax and those received late after the prescribed date and time will not be entertained.
- 1.3 The applicant should sign in each page of the application. Overwriting should be avoided. Correction, if any, shall be made by neatly crossing out, Initialling, dating and rewriting.
- 1.4 References, information's and certificates from the respective clients certifying suitability, technical know-how or capability of the applicant should be signed by an officer not below the rank of Executive Engineer / Project Manager or equivalent.
- 1.5 The applicant may furnish any additional information which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. However the applicants are also advised not to attach superfluous / additional information beyond the requirement of the Bid. No information will be entertained after technical bid is submitted, unless it is called for by the EE/Estate Section /CUTN.
- 1.6 Documents submitted in connection with the tender will be treated as confidential and will not be returned.

2. Definitions

In these documents the following words and expressions have their meaning hereby assigned to them.

2.1 Employer means The Registrar, CUTN, Thiruvapur.

2.1 Applicant means individual, proprietary firm, and firm in partnership, limited company (private, public and corporation).

3. Method of Application Submission

3.1 If an individual makes the application, It shall be signed by him above his full type written name and current address.

3.2 If a proprietary firm makes the application, it shall be signed by the proprietor (with seal) above his full typewritten name & the full name of his firm with its current address.

3.3 If the application is made by a firm in partnership, it shall be signed (with seal) all the partners of the firm above their full typewritten names and current addresses or alternatively by a partner holding power of attorney for the firm in which case, a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed along with current addresses of all the partners of the firm shall also accompany the application.

3.4 If a limited company or a corporation makes the application, it shall be signed by a duly authorized person holding power of attorney for signing the application, in which case, a certified copy of the power of attorney shall accompany the application. Such limited company or corporation may be required to furnish satisfactory evidence of its existence. The applicant shall also furnish a copy of the Memorandum and Articles of Association duly attested by a Notary Public.

4. Final Decision Making Authority

The Registrar/ Honourable Vice Chancellor CUTN, Thiruvapur reserves the right to accept or reject all or any of the applications and to annul the qualification process / tender process at any time without assigning any reason or incurring any liability to the applicants.

5. Particulars – Provisional

The Particulars of work given in all Sections are provisional. They are liable to change and must be

considered as advance information only to assist the applicant.

6. Site Visit

The applicant is advised to visit the site of work at his own cost and examine the surroundings to collect all information during working hours with prior permission from the Estate Section.

7. Financial Information's:-

The applicant should furnish the annual financial statement for the last 3 years in *Form-Bas* attached in this tender document.

8. Experience in Similar Works

8.1 The applicant should furnish the following:-

(a) List of all works of similar nature successfully completed during last **7 years** and are in Progress in *Annexure-I*.

8.2 Particulars of completed works and performance of applicant duly authenticated/certified by an officer not below the rank of Executive Engineer or equivalent should be furnished for each work completed or in progress in *Annexure-I, Form-A*.

9. Organizational Information

Applicant is required to submit the following information in respect of his organization in *Annexure-I*.

- a. Name and postal address including telephone, mobile number, E-mail ID, etc.
- b. Copies of original documents defining the legal status, place of registration and principal places of business.
- c. Names and titles of officers to be concerned with the work, with designation of individuals authorized to act for the organization.
- d. Information on any litigation/arbitration in which the applicant was involved during the last five years including any current litigation / arbitration in process.

10. Tender Submission and Decision

After the details submitted by the applicant regarding his financial capacity, previous experience etc. are studied and evaluated, a list of agencies who can take part in the tendering process shall be prepared and all concerned will be intimated. The financial bids (Tender) of the applicants, who have been qualified after evaluation, shall be opened on the date and time to be intimated later, in the presence of the tenderers or their authorized representatives who may be present, by the committee constituted for this purpose.

11. Authority to sign the tender document

The tender must be signed by the person / persons competent to sign as indicated below. Same stipulations will also apply in the case of Receipt of payments for the work done.

11.1 If the Applicant is an individual, he should sign above his full type written name and current address.

11.2 If the Applicant is a proprietary firm, the Proprietor should sign above his full typewritten name and the full name of his firm with its current address.

11.3 If the Applicant is a firm in partnership, the documents should be signed by all the Partners of the firm above their full typewritten names and current addresses. Alternatively the Documents should be signed by a Partner holding Power of Attorney for the firm and in this case a certified copy of the Power of Attorney should accompany the tender documents. In both cases a certified copy of the Partnership deed and current address of all the partners of the firms should be furnished.

11.4 If the Applicant is a limited Company, or a Corporation, the documents shall be signed by a duly authorized person holding Power of Attorney for signing the documents, accompanied by a copy of the Power of Attorney. The Applicant should also furnish a copy of the Memorandum of Articles of Association duly attested by a Public Notary.

DESIGN PHILOSOPHY

PLANT CAPACITY

The Sewage Treatment Plant is designed for a capacity of 100 KLD @ 24 hrs operation. Flow Rate: 5 m³ /hr

PROCESS DESCRIPTION:-

Primary Treatment:-

Screen Chamber:- Large Debris entering in to the system will be protected with a Screen Chamber.

Collection Sump: - The sewage is then pumped to collection sump and it is aerated for even mixing of the sewage.

Secondary Treatment:-

Moving Bed Bio Reactors:- The Moving Bed Bio Reactors (MBBR) is filled with high quality self supporting cylindrical shaped Poly Propylene Material. Bacterial Growth shall be generated by providing compressed air in Bio-Reactor (MBBR) and get attached to the PP media to form fixed film. Here the BOD, COD, Organic Pollutants get digested easily.

Clarifier:- Treated Water and Sludge will be separated and it will be taken to Clarified Water Tank.

Tertiary Treatment:-

Disinfection:- Hypo is used as disinfectant.

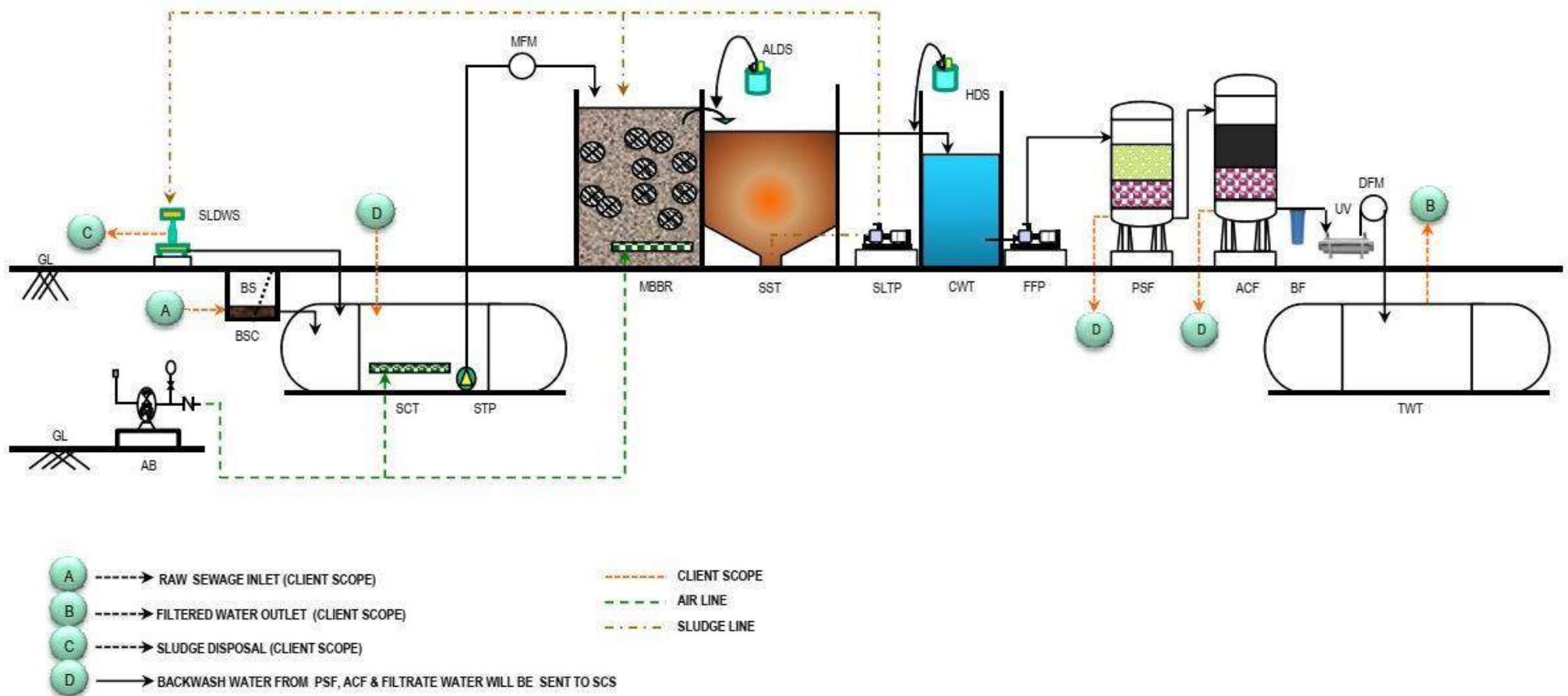
Pressure Sand Filter:- It is used as final polishing unit for the removal of suspended solids.

Activated Carbon Filter:- It is used as final polishing unit for the removal of color and odor.

Treated Water Tank:-

The filtrate water from Pressure Sand Filter and Activated Carbon Filter is collected in the treated water tank.

FLOW SCHEME



Note: STP tank is constructed Partially above ground level and partially below ground level.

SCHEDULE OF EXCLUSIONS

1. Incoming pipeline to the treatment plant and outgoing pipeline from the treatment plant.
2. Incoming power and control cabling to the panel.
3. Plant lighting, Utilities like water, electricity etc.
4. Unloading and safe storage of materials at site.
5. Ventilation systems, Laboratory equipments
6. Sludge disposals.
7. Manpower to operate the plant during the Erection and Commissioning.
8. NOC/Approval from Statutory Bodies.
9. All piping, cabling etc. beyond the termination points as mentioned in your offer.
10. Any other item which is not specifically mentioned in our scope.

COMMISSIONING

It will be responsibility of the Purchaser to make all necessary arrangements and provide all facilities and materials for carrying out pre-commissioning tests before the date of readiness for such tests as intimated by us. In the event of delay on the other part of purchaser in making these arrangements and consequent delay in commissioning of equipment, the purchaser will release all such payment, which could have been due to us on commissioning of equipment.

OPERATING PERSONNEL

The purchaser will ensure that his operating personnel is made available before pre-commissioning to enable them witness all commissioning tests and satisfy themselves about all guarantee parameters.

WARRANTY FOR EQUIPMENT

All our equipment is thoroughly inspected before dispatch and therefore can be depended upon for long and trouble free service. Our liability in respect of any defect or failure in the equipment supplied and commissioned by us or any loss, injury or damage attributable therefore shall be limited to making good by replacement or repairs, provided the equipment is operated and maintained in accordance with our instructions and arise totally from proven faulty design, materials or workmanship. This warranty shall be valid for a period of 12 months from the date of commissioning of the equipment or 18 months from the date of last invoiced dispatch, whichever is earlier. Our liability in no case shall exceed the invoiced value of the equipment supplied by us, and we shall not be liable for any consequential damage or loss such as loss of profits, loss of business opportunities, damage to goodwill or business reputation or any other contractual liability or loss suffered by the Purchaser to third parties.

All warranties other than title either express or implied whether arising under law or equity including warranties of merchantability and fitness for a particular purpose are excluded from the contract. This is the essence of the contract.

This warranty is valid subject to the following conditions:

- i. Bought out components are guaranteed by us only to the extent of guarantees given to us by our suppliers. Electrical components such as heaters, motors, contactors, etc., rubber components and instruments such as pressure gauges, etc. are however not covered under this warranty.
- ii. In respect of the equipment where dispatch after readiness is delayed due to specific instructions or lack of instructions from you, the warranty will be limited to 18 months from the date of readiness for despatch of equipment as notified by us.
- iii. No repairs or replacements, unless authorized by us in writing, will be carried out by any other party on our equipment during the warranty period.

The warranty period does not cover the following:

- i. Normal wear and tear
- ii. Damages/defects arising out of mal-operation of the plant by the purchaser and accidents.
- iii. The equipment or part thereof being subject to accident, alteration, abuse or misuse.
- iv. The equipment not being operated and maintained as per Operation and Maintenance Instructions.

SCOPE OF WORK:-

- Design, Supply, Erection & Commissioning of Sewage Treatment Plant (STP) based on with MBBR Technology, Tertiary Treatment, includes design & engineering, manufacturing, transporting, installing, testing and commissioning complete including all local and central taxes, freight charges, transit insurance, inspection charges, loading, unloading, conveyance to store/site and stacking the same.
- Plant Operation for 01 year from date of completion of work and date of commissioning of plant.

Letter of Acceptance of Bid

To

The Registrar,
Central University of Tamil Nadu,
Neelakudi Campus, Thiruvarur,
Tamil Nadu - 610 005.

Sub: Acceptance of Terms & Conditions of Tender.

Tender Ref No: **CUTN/ENGG/ELE/Tender/2025-26/23**

Name of Tender/Work: Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN, Thiruvarur.

Sir/Madam,

I/We, the undersigned, declare that:

- a. I/We have downloaded/obtained the tender document(s) for the above mentioned 'Tender/Work' from the website(s) namely: *www.cutn.ac.in (or) www.etenders.gov.in*.
- b. I/We hereby certify that I/We have read & accept the entire terms and conditions of the tender documents page no **01 to 56** (including few documents like Annexure(s), schedule(s), etc), which part of the contract agreement and I/We shall also abide hereby by the terms/conditions/clauses contained therein. The corrigendum(s) issued from time to time by your University too have been taken into consideration, while submitting this acceptance letter.
- c. I/We also declare that Government of India or any other Government body has not declared me/us ineligible or black listed me/us on charges of engaging in corrupt, fraudulent, collusive or coercive practices or any failure/lapses of serious nature.
- d. I/We hereby certify that all the submitted statements are true & correct. My/Our bid shall be valid for a period of **90 days** from the date of opening of financial bids in accordance with the Tender documents and it shall remain binding upon me/us and may be accepted at any time before the expiration of that period.
- e. If my/our bid is accepted, I/We commit to submit a performance security & agreement in accordance with the Tender documents.
- f. I/We hereby unconditionally that you are not bound to accept highest ranked bid/lowest bid or any other bid that you may receive and also aware that Financial bid documents will not be opened if I/we are unqualified to take part in the tendering processes.
- g. I/We submit the requisite solvency certificate and authorize the Registrar, CUTN, Thiruvarur or his authorized representative to approach the bank concerned to confirm the correctness of the certificate. I / we also authorize the Registrar, CUTN, Thiruvarur or his/her representative to approach individuals, firms and corporations to verify our competence and general reputation.

Yours sincerely,

Authorised Signatory
(Full Name & Designation)

(Authorised person should attach a copy of Authorization for signing on behalf of Bidding company)

Format for Technical Bid
Qualifying Informations (Mandatory)

The information to be filled by the Bidders in the following prescribed format required for purposes of Pre-qualification (copies duly signed and self-attested being enclosed).

Sl.No	Description / Requirement from the Tenderer		Informations (If necessary, separate sheets shall be used)	Pg. No
1.	Name of Contractor/Firm	:		
2	Earnest Money Deposit (EMD) fee(Refundable)			
3.	Place of Registration, Registration Certificate No, Class &value: CPWD/State PWD/MES /BRO/Railways/PSU/Any (Please tick (√) Which is applicable) (attach self-attested copy)	:		
4.	Status of the tenderer: (Public Ltd/Private Ltd /Partnership Firm/Sole Proprietor)			
5 (a)	Year of establishment of firm	:		
5(b)	Principal place of business	:		
5 (c)	Permanent Address	:		
5(d)	Mailing Address with Contact No, Email Id	:		
6 (a)	Details of PAN: (attach self-attested copy)	:		
6(b)	GST Registration: (attach self-attested copy)	:		
6 (c)	Employees Provident fund(EPF) Registration: (attach self-attested copy)	:		
6(d)	Employees State Insurance(ESI) Registration: (attach self-attested copy)	:		
6(e)	LIN Number: (Labour Licence) (Renewal/ Currant) (attach self-attested copy)	:		
	Eligibility Criteria:-			
7.	1. Experience of having successfully completed similar work individually cost not less than as stated below during the last 7 (seven) years ending previous day of last date of submission of			

tender application.

(i) Three similar completed works* experience, at least one of them should be for Central/State Government/Public sector undertakings/Autonomous Organisations of the Central/State Government each of value not less than **Rs.15,63,566/-**

(Or)

(ii) Two similar completed works* experience, at least one of them should be for Central/State Government/Public sector undertakings/Autonomous Organisations of the Central/State Government each of value not less than **Rs.23,45,349/-**

(Or)

(iii) One similar completed work* experience in Central/State Government/Public sector undertakings/Autonomous Organisations of the Central/State Government value of cost not less than **Rs.31,27,132/-**

2) "Performance certificate" from the department where the work completed, (Minimum good & above). (Form-A)

(*) "Similar works" means experience in SITC of Electromechanical equipment of STP/ ETP and WTP, minimum of 100 KLD capacity or above of municipal/ Residential/ Educational institute sewage wastewater treatment system. At least 3 years' experience in above said work of municipal/ Residential/ Educational institute sewage wastewater treatment system is mandatory, technical qualified agency should make a presentation before Financial bid opening..

Work Completion certificates, Performance certificates issued by Competent Authority will only be considered. Competent Authority means officer not below the Rank of Executive Engineer/ Equivalent would be acceptable. Necessary documentary proof like "Work Completion Certificates" in case of works carried out for Government Departments and "TDS" in case of works carried out for private parties should be enclosed in addition to the work completion certificates.

The cost/value of executed works shall be brought to current cost level by enhancing the actual cost/value of work at simple rate of **7 % per annum**, calculated from the date of completion to previous day of last date of submission of tender application.

Details of Completed Works: - (Attach self-attested work order copies of last 07years. If required separate sheet may be enclosed)

Sl. No.	Description of Works	Date of Start	Date of Completion	Address/Location/Name of the Client	Value of Completed work(Rs)

8. Details of On-going Works:- (Attach self-attested work order copies of last 7 years. If required separate sheet may be enclosed)

Sl. No	Description of Works	Date of Start	Date of Completion	Address/Location/Name of the Client	Value of work allotted (Rs)	Value of work executed till date (Rs)
Sl. No	Description / Requirement from the Tenderer	Informations (If necessary, separate sheets shall be used)			Pg.No	
9	“Performance certificate” from the department where the work completed	<i>(Please fill the prescribed form (Form-A) for each completed works ,if required additional form may be attached)</i>				
10	Annual Turnover: Average Annual Financial turnover should be at least Rs.11.72 Lakh during the immediate last 3 consecutive financial years. (IT return submission) Profit/loss: The bidder should not have incurred any loss (profit after tax should be positive) in more than two years during available last Three consecutive balance sheets, duly audited and certified by the Chartered Accountant (Yes/No)	<i>(If yes, attach the filled “form-B” and enclose necessary documents)</i>				
12	Solvency Certificate: Should have a latest solvency certificate of Rs.15.64 lakh from any Nationalised / scheduled Bank	<i>(Attach the filled & signed form :”C”)</i>				
13	Information on any litigation / arbitration in which the applicant was involved during the last five years including any current litigation / arbitration in process.	<i>(Attach necessary documents (or)self-declaration letter on your letter head)</i>				
14	Any other information highlighting the qualifying criteria, competency, credential and capability in handling such works.	<i>(attach self-attested copies)</i>				

I/We hereby certify that the information furnished above &the attached documents as proof of the information are true and correct to the best of our knowledge and understand that these details are required to decide our eligibility to participate in the tender process and opening of our price bid thereon and also authorize the Registrar, CUTN or his/her representative to approach the source of the certificate to verify our competence, if required, for processing the tender. No alteration, modification or any change have been made by me/us in the tender documents/schedule.

Signature with seal

Form-A:

PERFORMANCE CERTIFICATE OF SIMILAR WORKS (*)

(Please fill the prescribed form for each completed works, if required additional form may be attached)

1	Name of work & Location	
2	Agreement No	
3	Estimated cost	
4	Amount of Contract	
5	Date of start	
6	Date of completion	
7	Amount of compensation levied for delayed performance , if any	
8	Performance Certificate:- <i>(Quality of work, Financial soundness, Technical proficiency, Resourcefulness, General Approach & Behaviour, Immediate response for complaints)</i>	

Date:

Signature & Seal of
Executive Engineer or equivalent
Contact No:

Note:

(*) “**Similar works**” means experience in SITC of Electromechanical equipment of STP/ ETP and WTP, minimum of 100 KLD capacity or above of municipal/ Residential/ Educational institute sewage wastewater treatment system. At least 3 years’ experience in above said work of municipal/ Residential/ Educational institute sewage wastewater treatment system is mandatory, technical qualified agency should make a presentation before Financial bid opening.

Work completion certificate, Performance certificates issued by Competent Authority will only be considered. Competent Authority means officer not below the Rank of Executive Engineer/ Equivalent would be acceptable. Necessary documentary proof like “Work Completion Certificates” in case of works carried out for Government Departments and “TDS” in case of works carried out for private parties should be enclosed in addition to the work completion certificates.

Form-B:
Financial Information

Sl. No	Particulars	Financial Years(FY)		
		FY 2022-23	FY 2023-24	FY 2024-25
i	Average Annual financial Turnover as mentioned in Annexure-I			
ii	Profit(+) or Loss(-) (In Lakhs)			
iii	Certified by			
Name & Address of Chartered Accountant:				
iv	Audited balance sheets, Profit & Loss statements, Auditors report, schedules & IT return for the last Three (03) financial years duly certified by the Chartered Accountant & bidder(s), as submitted by the bidder(s) to the Income Tax Department. (attach self-attested copies)			
v	Financial arrangements for carrying out the proposed work:- (if any) (a)Fixed Deposits, (b)Liquid Capital, (c)Working Capital, (d)Line of Credit, Etc. (attach self-attested copies)			
vi	Latest Solvency Certificate in Original from any Nationalised Bank.(Note: <i>Banker's certificates should be on letterhead of the Bank. In case of partnership firm, certificate include names of all partners as recorded with the Bank as said in the Form-C</i>)			
Signature of Chartered Accountant with seal Signature(s) of bidder(s) with seal				

Form-C:

FORMAT -FORM OF BANKER'S CERTIFICATE FROM A NATIONALISED BANK

(On letter head of the Bank)

This is to certify that to the best of our knowledge and information that M/s./Shri

_____ (with address) a

Customers of our bank are / is respectable and can be treated as good for any engagement upto a limit of Rs _____ (Rupees _____)

_____).

This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

(Signature)

Name of Bank & Branch with seal

ANNEXURE – II

MANDATE FORM FOR BILL PAYMENTS THROUGH EAT MODULE IN PFMS

Details of Account Holder

Sl. No	Particulars	Important Details (in block letters)
1	Name of the Contractor/ Beneficiary	
2	Name of the Bank & Branch	
3	Bank Account Number	
4	IFSC Code (11 digits)	
5	PAN Number	
6	GST Number (If applicable)	
7	Email Id	
8	Mobile Number	
9	Address (Including city, Pin code etc.)	

I hereby declare that the particulars given above are correct and complete.

Date:

Signature

ANNEXURE – III

(To be executed on non-Judicial stamped paper of an appropriate value)

FORMAT FOR BANK GUARANTEE TOWARDS PERFORMANCE SECURITY

Date :.....

Tender Ref. No. CUTN/ENGG/ELE/Tender/2025-26/23

Name of Work: Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN, Thiruvapur.

Bank Guarantee No :

Amount of Guarantee :

Guarantee Period : FromTo.....

Guarantee Expiry Date:

Last date of Lodgement:

- a) In consideration of Central University of Tamil Nadu, Thiruvapur, Tamil Nadu (hereinafter called the CUTN) represented by the Registrar, Central University of Tamil Nadu, Neelakudi Campus, Thiruvapur, Tamil Nadu – 610 005 having agreed to exempt M/s.....(hereinafter called “the said contractor from the Order datedmade between the CUTN and M/s.....the contractor for hereinafter called “the said agreement”) of the Performance Guarantee for the due fulfilment by the said contractor of the terms and conditions contained in the said agreement on production of a Bank Guarantee for Rs...../- (Rupees.....only).We..... (herein after referred to as Bank)at the request of M/s.....(Contractor) do hereby undertake to pay to the CUTN and amount not exceeding Rs..... /- (Rupeesonly)against any loss or damage caused to or suffered or would be caused to or suffered by the CUTN by reasons of any breach by the said contractor of any of the terms and conditions contained in the said agreement.
- b) We.....bank..... branch do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on demand from the CUTN stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the CUTN by reasons of breach of the said contractor of any of the terms of conditions contained in the said Agreement or by reason of the contractor failure to perform the said Agreement. Any such demand made on the Bank shall conclusive as regards the amount due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs..... /- (Rupeesonly).
- c) We..... undertake to pay to the CUTN any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any court or Tribunal or Arbitrator relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this guarantee shall be a valid discharge of our liability for payment there under and the contractor shall have no claim against us for making such payment.
- d) Wefurther agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and

that it shall continue to be enforceable till all the dues of the CUTN under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharges or till the CUTN certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor and accordingly discharge this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the expiry date of guarantee (...../...../20.....). We shall be discharged from all liability under this guarantee thereafter.

- e) We.....further agree with the CUTN that the CUTN shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the CUTN against the said contractor and to forbear or enforce any of the terms and conditions relating to the said Agreement and shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor or from any forbearance, act or omission on the part of the CUTN or any indulgence by the CUTN to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties but for this provision have effect of so relieving us.
- f) Bank guarantee shall remain in full force up to...../...../20.....
- g) This guarantee will not be discharged due to the change in the constitution of the bank or the contractor.
- h) We.....lastly undertake not to revoke this guarantee during its currency except with the previous consent of the CUTN in writing.

Notwithstanding anything contained herein

1. Our liability under this bank guarantee shall not exceed Rs..... /- (Rupeesonly).
2. The bank guarantee shall be valid up to...../...../20.....and
3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if you serve upon us a written claim or demand on or before/...../20....
4. We have the power to issue this bank guarantee in your favour under Memorandum and Article of Association and the Undersigned has full power to do so under the power of Attorney dated (date of power of attorney to be inserted).....granted to him by the bank.

Dated day of20.....

Bank:

Corporate seal of the Bank:

By its constituted Attorney signature of a person duly authorized to sign on behalf of the Bank

(To be submitted on non-Judicial stamped paper (Rs.200/-)after award of work)

CONTRACT AGREEMENT NO...../Dated.....

Tender Ref. No. CUTN/ENGG/ELE/Tender/2025-26/23

Name of Work: Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN, Thiruvarur.

THIS AGREEMENT is made on.....(day).....(month)of.....(year)between The Registrar, Central University of Tamil Nadu, Neelakudi campus, Thiruvarur, Tamil Nadu-610 005.(Hereinafter referred to as “Client” which expression shall include his successors and assigns), and whose principal place of office is at Central University of Tamil Nadu, Thiruvarur of the One Part,

AND

M/s.....having its registered office at..... (Hereinafter referred to as “the Contractor”) which expression shall unless excluded by or repugnant to the context be deemed to include his successors, heirs, executors, administrators, representatives and assigns) of the other part above said “Name of Work “at Client’s premises.

- I. WHEREAS the Client invited bids through open tender, vide Notice Inviting Tender datedfor selection of contractor/agency above said “Name of Work” under above said TenderRef. No.
- II. AND WHEREAS the Contractor submitted his bid vide.....in accordance with the bid documents and represented therein that it fulfils all the requirements and has resources and competence to provide requisite works/services to the Client.
- III. AND WHEREAS the Client has selected/s.....as the successful bidder (“the Contractor”) pursuant to the bidding process and negotiation of contract prices, awarded the Letter of Acceptance (LoA) No.....to the Contractor on.....for a total sum of.....[Rupees..... Only].
- IV. AND WHEREAS the Client desires that the above said “Name of Work”(as defined in the Bidding Document) be provided, performed, executed and completed by the Contractor, and wishes to appoint the Contractor for providing requisite works/services to the Client.
- V. AND WHEREAS the Contractor acknowledges that the Client shall enter into contracts with other contractors / parties for the above said “Name of Work “for its office in cases the Contractor falls into breach of the terms and conditions as stipulated in the Tender Document and shall waive its claim whatsoever in this regard.
- VI. AND WHEREAS the terms and conditions of this Contract have been fully negotiated between the Client and the Contractor as parties of competent capacity and equal standing.
- VII. AND WHEREAS the Contractor has fully read, understood and shall abide by all the terms and conditions as stipulated in the Tender Documents for above said “Name of Work “for Client’s office, failing which the Contract is liable to be terminated at any time, without assigning any reasons by the Client.
- VIII. The Client and the Contractor agree as follows:

- a) In this Agreement (including the recitals) capitalized words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
- b) The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
 - i. The Letter of Intent /Letter of Acceptance, issued by the Client.
 - ii. The complete original tender document, including letter of acceptance of tender, as submitted by the Contractor.
 - iii. The Addenda, if any, issued by the Client.
 - iv. Any other documents forming part of this Contract Agreement till date. (Earnest Money Deposit, Performance Bank Guarantee)
 - v. Supplementary Agreements executed from time to time.
- c) Any changes/modifications/amendments required to be incorporated in the Contract Agreement at a later stage shall be discussed and mutually agreed by both the parties and such supplementary agreements shall be binding on both the parties and shall form the part of this contract agreement.
- d) This Contract shall be governed by and construed in accordance with the laws of India. Each Party hereby submits to the jurisdiction as set out in the Dispute Resolution Procedure in the Conditions of Contract.

IX. IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed in accordance with the laws of India on the day, month and year indicated above.

Signed on behalf of the Contractor
(with seal & date)

Signed on behalf of Client
(with seal & date)

(Authorised Signatory)

Registrar,
CUTN, Thiruvarur.
(Authorised Signatory)

INTEGRITY PACT

To,

The Registrar,
Central University of Tamil Nadu,
Thiruvarur.

Sub: Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN, Thiruvarur.

Tender Ref. No: CUTN/ENGG/ELE/Tender/2025-26/23

Sir/ Madam,

I/We acknowledge that Central University of Tamil Nadu, Thiruvarur is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that **THEMAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE** of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by Central University of Tamil Nadu, Thiruvarur. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, Central University of Tamil Nadu, Thiruvarur shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully,

(Duly authorized signatory of the Bidder)

ANNEXURE – V

(To be submitted on non-Judicial stamped paper (Rs.200/-) after award of work)

INTEGRITY AGREEMENT

This Integrity Agreement is made at on this day of 20...

BETWEEN

The Registrar, Central University of Tamil Nadu, Thiruvarur (Hereinafter referred as the **‘Principal/Owner’**, which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

..... (Name and Address of the Individual/firm/Company) through..... (Details of duly authorized signatory) (Hereinafter referred to as the **“Bidder/Contractor”** and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender (Tender Ref. no: **CUTN/ENGG/ELE/Tender/2025-26/23**) (hereinafter referred to as “Tender/Bid”) and intends to award, under laid down organizational procedure, contract for **“Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN, Thiruvarur.”** Hereinafter referred to as the “Contract.

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s). AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

- (1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in Connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

- (c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- (2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

1. It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
2. The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
 - (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contractor to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
 - (b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
 - (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
 - (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a wilful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.
5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the

Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.
2. Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
3. Criminal Liability: If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1. The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or another Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
3. If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.
2. The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
3. The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 60 days after the completion of work under the contract including extension period (if awarded) and for all other bidders, till the Contract has been awarded. (if applicable)

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, CUTN.

Article 7- Other Provisions

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters of the Division of the Principal/Owner, who has floated the Tender.

2. Changes and supplements need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
4. Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- Legal and Prior Rights

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first abovementioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)

WITNESSES:

1
(signature, name and address)

2
(signature, name and address)

Place:

Date :

தமிழ்நாடு மத்தியப்
பல்கலைக்கழகம்



CENTRAL
UNIVERSITY OF
TAMIL NADU

தமிழ்நாடு கெந்திரிய
விஸ்வவித்யாலய

ESTABLISHED BY AN ACT OF PARLIAMENT IN 2009

नीलक्कुडीपरिसर/Neelakudi Campus ,तिरुवारूर/Thiruvarur- 610 005
estate@cutn.ac.in 04366 277 466

Estate Section (Civil)

“FINANCIAL BID”	
Tender Id no	CUTNELE20252623
Tender Ref. no	CUTN/ENGG/ELE/Tender/2025-26/23
Name of Work	Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN, Thiruvarur.
Value of Work	Rs.39,08,915/- [Electromechanical Equipment = Rs.27,33,635/- and One Year Operation & Maintenance = Rs.11,75,280/-]/-
Period of Work	09 Months plus One year Operation & Maintenance
Date of issue of Tender	26.02.2026
Last Date & Time for Receipt of Tenders	18.03.2026 up to 15:00 Hrs.(Office time)

SCHEDULE-‘A’

Name of work	Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN Thiruvarur
Total amount of work	Rs.39,08,915/- [Electromechanical Equipment = Rs.27,33,635/- and One Year Operation & Maintenance = Rs.11,75,280/-]/-
Period of Work	09 Months plus One year Operation & Maintenance

Description of Work

Item No.	DSR-2023 /LMR	Sub Heads & Item of Works	Qty	Unit	Rate per Unit (Rs)	Rate per Unit (In words)	Amount (Rs)
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(Refer attached separate sheets under “Table-A, Financial bid”

Note:- The details and Nature of work shown in the Scope of works are only approximate. They are given as a guide for the purpose of tendering only and are liable to variation and alteration of the Competent Authority.

LIST OF APPROVED MAKES/AGENCY OF MATERIALS FOR ELECTRICAL WORKS

The Contractor shall be required to use material of the make given in the list of approved make or specifically mentioned in the Bill of Quantities. CUTN is free to demand the Contractor to use any particular make from the approved list of items. However in case of non-availability of any materials as per the list of approved make, Contractor shall use alternative item of ISI make with prior written permission from the Engineer In-charge but only under unavoidable circumstances. Wherever, material bearing "Standard Mark (ISI)" are used in the work, the Contractor should furnish necessary documents and proof of payments made for the procurement of materials bearing "Standard Mark (ISI)". In case it is established that Standard material (bearing ISI mark) as well as the materials indicated in the list (as mentioned in the above para) are not available in the market, then approved equivalent materials may be used in the work subject to approval from the Engineer-in-charge. For materials bearing "Standard Mark (ISI)" ordinarily no testing is to be done. However, in case of doubt or with a view to check the quality of materials, Engineer-In-charge may send samples for random testing. For use of materials other than materials bearing "Standard Mark (ISI)" Mandatory tests shall be conducted at the frequency specified in the contract. In case frequency of testing is not stipulated in the contract then standard specification (CPWD, ISI etc.) may be considered for frequency at which materials are to be tested. Before bulk purchase of quantities of materials, it is the responsibility of the Contractor to get the samples of materials approved from Engineer-in-charge (EIC) of CUTN. All the materials shall be tested for quality as per the relevant site by the contractor at his own cost. Details of tests shall be provided in the agreement. The consumption of cement shall be calculated as per CPWD/DSR norms.

List of Approved materials			Whether offered Make/ Model/ as per tender (Yes / No)
Sl. No	Material Description	Approved Make	
1	FRLSH PVC insulated copper wire /Power cable / XLPE Cable / Telephone cable/ Coaxial cable / TV cable	Havells/ KEI/ Finolex / RR Kabel/Polycab/ Fort Gloster	
2	MCB/RCBO/Isolator /RCCB	Legrand(DX3)/Siemens (Betagard) / LK (Exora) /Schneider(Acti-9)/ ABB(SB-200M)/C & S (Wintrip)	
3	MCB DB's (Same make MCB DB and MCB's)	Legrand(Ekinox-3)/Siemens(Betagard) / LK (Exora) /Schneider(Acti-9)/ ABB(Itus)/ C & S (Epitome)	
4	MCCB's	Legrand(DPX3) / Siemens (3VA) / LK (L&T)(D-sine) /ABB(XT) / C&S (Winbreak1/2) / Schneider (NSX)	
5	GI Hot Deep Cable trays (perforated)	BEC / RMCON/Apex/Slotco/Steelways/Pilco /AKG /Indiana	
6	DLP Trucking / Floor Trunking (UPVC / GI)	Legrand/ Schneider/ MK/ OBO-Betterman	
7	Occupancy sensor for Light Control	ABB/Honeywell/Schneider/Siemens/Hager /Lutr on.	

8	Decorative Ornamental Powder Coated metallic pole and fittings	K-lite / Bajaj/ Home Décor/ Hi-lite/ Jaquar	
9	Cable lugs & Glands	Comet/Dowells/Gripwel/Raychem	
10	Terrace Pump	Grundfos/ Kirloskar /Wilo/Beaconwier/Xylem Mather & Platt / KSB	
11	Electric Motors	Siemens / Kirloskar /Crompton / ABB/Bharat Bijlee/ Mather & Platt/ Stamford.	
12	Anti-Vibration Mounting	Resistoflex / Dunlop / Easy flex / Vimpa Flexionics	
13	Starters	Siemens/LK(L&T)/ABB/ Schneider/Merlin Gerin/BCH	
14	MV Panel for Sub substation area / Synchronization Panel / APFC Panel/ Fire Fighting Panel /Outdoor feeder pillar	Siddhi Vinayak Power Solution / Brahmputra Power & Control / Mariana / Amit Project Powers & Controls/ Precision System Control, R. P. Control / Kratos/Suraksha Enterprise/Chorus (The manufacturer must have CPRI test certificate of appropriate rating not older than 5 years from the date of call of tender)	
15	Multi function meter/Digital Ammeter/ Volt meter	Schneider/Conzerve /LK(L&T)/ Sceure/AE/ ABB/ Siemens	
16	Selector Switches	Kaycee / LK(L&T) / AE / Legrand/Salzer/ Rass Control/ C&S	
17	Current Transformer, Potential transformer	AE / Kappa / L&T/ ABB/Siemens	
18	Indicating Lamp/Push Button/LED	LK(L&T) / Raas Control / Schneider / C&S/ ABB/Siemens	
19	Contactors, Relays, Timer	LK(L&T) / Siemens /ABB/Siemens	
20	Lugs/Thimble	Dowell's / Comet / Braco / Raychem / Johnson	
21	Cable Gland / Termination	Dowell's / Comet / Braco / Raychem / Johnson	
22	DWC / HDPE PIPE	Sudhakar/ Finolex/ REX/ VIJAY /Ashirvad Precision/ Supreme / Astral/Sri Tulsi	
23	PVC Pipe Sch80/Sch40	Astral/Supreme/Finolex	
24	GM / Forged Brass Ball Valves	Intervalve / Audco/Sant	
25	Sluice Valves	Kirlosakar/Ivc/Sant/ Leader/ Audco	
26	Butterfly Valve	Audco / Intervalve / Bray /Sant	
27	Wafer Type Check Valve	Advance / Intervalve / Bray /Sant	
28	Multiport Valve	Pharer (U.S.A)/ Flack (U.S.A) / Initiative / Aventura	

29	Isolation Ball / Gate / Globe Valve	Sant/Hawa/Honeywell/Lehry	
30	Air Release Valve	Sant/ Watts/ Studor/Honeywell	
31	Y Strainer	Honeywell/ Emerald/ Sant / Vtm/Audco (LK)/Kirloskar	
32	Submersible Pumps	Grundfos / Xylem / Wilo / Ebara/ Pullen/KSB/ Kirloskar	
33	Sludge Pumps/MBR feed pumps and other pumps	Johnson / Wilo / Ebara / Grundfos/ KSB/ Kirloskar	
34	Mixer	Wilo / Grundfos / Xylem	
35	Clear Water Pumps & HSCF Pumps	Grundfos / Xylem / Suzler/ Kirloskar/KSB	
36	Centrifuge	Alfa Level / Hiller / Humbolt / ADINO Technologies	
37	Mechanical Seal	Burgmann / Sealol	
38	Anti Vibration Mounting	Dunlop / Resistoflex/ Easyflex	
39	Pressure Gauge	Warea / Baumer/ Ashcroft	
40	Water Meter (Mechanical Type)	Actaris . Capstan – Woltman / Kranti	
41	Electromagnetic Flow Meter	Emerson / E&H / Siemens / Jumo	
42	Pressure Transmitter	Siemens/ Emerson/ E&H/ Jumo	
43	DO Transmitter	Emerson /ABB /E&H /Hach	
44	Level Switch / controller	Pune Techtrol/ Nolta / Jumo	
45	Level Indicator	Levcon / Pune Techtrol/ cirrus	
46	Paints	Asian Paints / Berger / ICI /Jotun	
47	F.R.P Pressure Vessel	Pentair / Structural / Equivalent Fabricated	
48	UV unit	Alfa UV / Wallance& Tiernan/ Aquatech / Sukrut	
49	MBR Modules	Toray/GE/Kubota/Ovivo / Hydronautics/ Coke Membrane/ Alfalaval	
50	Dosing Pumps	Milton Roy/ prominent/ Grundfos/Kirloskar/KSB	
51	MSEP Filter Vessel	OEM Fabricated	
52	Mechanical Screen	Ovivo / Aquaseptence / Jash / Auric	
53	HDPE Pipe	Noble / Reliance/ Astral / Supreme / Ashirvad	
54	Filter Press	Pharma / Royal / Thorat / Sachin / ADINO Technologies	
55	Screw Pumps/Filter Press feed pumps	Rotomac / Alfa / Roto/Minimax/Helyflow	
56	Agitator	Remi / Fluidyme	
57	Air Compressor	Ingersol Rand / ELGI	
58	Electrical Actuators Valves	Cair / Jonson / Auma / Honeywell	
59	Air Blower	Aerzen / Ingersol Rand / TMVT /Everest/Beta	
60	Fasteners	Hilti / Fisher/ Wurth	

61	Motor	Siemens / Kirloskar /Crompton / ABB/As per OEM standard	
62	UPVC/ CPVC AC Drainage Pipe	Oriplast/ Finolex/ Supreme/ Astral (ISI Marked)	
63	All other items not covered above	As per approval of Engineer-in-charge	

Special condition:-

1. Rates are including the cost of all the materials, labour, T&P, scaffolding etc. for the execution and completion of the work.
2. Rates are applicable for all heights and levels of the buildings.
3. If the contractor fails to clean these spots it would be got cleaned departmentally and expenditure incurred would be debited to the contractors account.
4. All the safety measures which are for safe execution of the work is in the scope of the contractor. If any accident/ mis-happening occurred during the execution of work at site the contractor shall be solely responsible for the same.
5. The work shall be taken up strictly as per the latest IS codes, consumption factors and CPWD specifications with updated latest amendments.

Table-A

FINANCIAL BID

Name of the work: Upgradation of the existing 100 KLD Sewage Treatment Plant (STP) to MBBR Technology, including supply, installation, testing and commissioning of electromechanical equipment, along with operation and maintenance for a period of one year, CUTN, Thiruvarur.

Item No.	Description of work	Quantity	Unit	Rate in figures (Rs.)	Rate in words (Rs)	Amount in figures (Rs.)
<i>(A)</i>	<i>(B)</i>	<i>(C)</i>	<i>(D)</i>	<i>(E)</i>	<i>(F)</i>	<i>(G)= (C) X (E)</i>
	Part-A ELECTRO MECHANICAL TECHNOLOGY					
1	Design, Supply, Erection & Commissioning of Sewage Treatment Treatment Plant (STP) based on with MBBR Technology, Territory Treatment, includes design & engineering, manufacturing, transporting, installing, testing and commissioning complete including all local and central taxes, freight charges, transit insurance, inspection charges, loading, unloading, conveyance to store/site and stacking the same. Vender to provide details of all design items includes civil works as per approved specification, drawing and instruction of engineering in-charge.	Raw Sewage Characteristics	Treated Sewage Characteristics			
	pH	6.0 - 8.5	5.5 - 8.5			
	Total suspended solids (Mg/lit)	< 250	< 30			
	Biochemical Oxygen Demand (BOD ₅) @ 27° C (Mg/lit)	< 350	< 20			
	Chemical Oxygen Demand (COD) (Mg/lit)	< 600	< 50			
	Total Nitrogen (Mg/lit)	< 100	< 10			
	Total Coliforms (MPN/100ml)	< 500	< 100			
	EQUIPMENTS FOR SEWAGE TREATMENT PLANT					
1	<u>BAR SCREEN</u>					
	Material of Construction : SS 304	1	Nos			

	Specification : 10 mm Spacing c/c					
	Make: Jave Engg					
2	<u>RAW SEWAGE TRANSFER PUMPS</u>					
	Type: Non Clog Horizontal, Centrifugal, Self priming Non Clog Pumps	2	Nos			
	Material of Construction : Cast Iron					
	Capacity : 5.0 m ³ / hr					
	Head : 12 mts					
	Accessories : Base Plates, Coupling					
	Pump & Motor make : Kirloskar/Wilo/KSB/Grundfos//Lubi/CRI					
3	<u>MBBR Media</u>					
	Type: Self supporting Cylindrical	5	Cu.m.			
	Material of Construction: PE Virgin					
	Size: Dia 25mm x Ht 12 mm					
	Loading Rate: 15g BOD/m ²					
	Color: White					
	Surface Area: 500 m ³ /m ² of media					
	Strainers at MBBR Tank : SS 304					
	Media Make: Tecpro/Welcome					
4	<u>ANOXIC TANK RECIRCULATION PUMPS</u>					
	Type: Non Clog Horizontal, Centrifugal, Self priming Non Clog Pumps	2	Nos			
	Material of Construction : Cast Iron					
	Capacity : 15.0 m ³ / hr					
	Head : 12 mts					

	Accessories : Base Plates, Coupling					
	Pump & Motor make : Kirloskar/Wilo/KSB/Grundfos/Lubi/CRI					
5	<u>DISTRIBUTION LINES FOR ANOXIC TANK MIXING</u>					
	Supply of Piping works for Mixing of Sewage in Anoxic Tank	1	Lot			
	<i>Pipes & Fittings</i>					
	Material : UPVC					
	Pressure rating : UPVC - 6 kg/cm ² , MS - 15kg/cm ²					
	Make of Grid : Ashirvad / Astral / Supreme					
6	<u>SLUDGE TRANSFER PUMP</u>					
	Type : Horizontal, Centrifugal ,Self priming Non Clog Pumps	2	Nos			
	Material of Construction : Cast Iron					
	Capacity : 5.0 m ³ / hr					
	Head : 12 mts					
	Accessories : Base Plates, Coupling					
	Pump & Motor make : Kirloskar/Wilo/KSB/Grundfos/Lubi/CRI					
7	<u>DIFFUSED AIR SYSTEM FOR AERATION TANK</u>					
	Air Blower	2	Sets			
	Type : Roots, Twin lobe					
	Material : Cast Iron					
	Capacity : 150 m ³					
	Pressure : 0.4 kg/cm ²					
	Make : A1 Blower/Everest/ABL					
	Motor					

	Type : Horizontal, TEFC, Squirrel Cage, Induction				
	Capacity : 5 HP				
	Make : Kirloskar / Equivalent				
	Diffusers				
	Material : EPDM	1	Lot		
	Type : Fine Bubble				
	Size : 24"				
	Make : Tech Pro / Equivalent				
8	<u>TUBE SETTLER FOR SETTLING TANK</u>				
	Type : Vertical Tube Settler Media	1	Lot		
	Material of Construction : PVC UV Stabilized				
	Media Ht: 1000 mm				
	Plan Setting Area: 11m ² /m ³ (at 60 deg. Slope)				
	Tube Settler Supports: MSEP				
	Make : Tecpro/Aqua Flexi				
9	<u>FILTER FEED PUMP</u>				
	Type : Mon bloc Centrifugal	2	Each		
	Material of Construction : Cast Iron				
	Capacity : 5.0 m ³ / hr				
	Head : 30 mts				
	Pump & Motor make : Kirloskar/Wilo/KSB/Grundfos/ CRI				
10	<u>ACTIVE MEDIA FILTER</u>				
	Supply, erection and commissioning of Active Media filter with following specifications	1	Set		
	Type : Vertical, Cylindrical / Thickness Shell 6mm & Dish				

	8mm				
	Design Pressure : 5.0 kg/cm ²				
	Working Pressure : 3.0 kg/cm ²				
	Service flow rate : 2.0 m ³ /hour				
	Size: 700mm X 1500mm				
	Vessel: The filter vessel is made of Mild Steel with Epox Coating				
	Internal: Top and bottom internal water collection / distribution system				
	Piping: Multiport valve Piping arrangement				
	Filter media : Perforated and Polished media Glass/ Pebbles, Silex, High Graded filtering Sand.				
	Make: Jave Engg				
	Accessories : Pressure gauges, Air Vent & Pressure Releasing Valve				
11	<u>ACTIVATED CARBON FILTER</u>				
	Supply, erection and commissioning of Vertical Carbon filter with following specifications				
	Type : Vertical, Cylindrical / Thickness Shell 6mm & Dish 8mm				
	Design Pressure : 5.0 kg/cm ²				
	Working Pressure : 3.0 kg/cm ²				
	Service flow rate : 1.0 m ³ /hour				
	Size: 700mm X 1500mm	1	Set		
	Vessel: The filter vessel is made of Mild Steel with Epox Coating				
	Internal: Top and bottom internal water collection / distribution system				
	Piping: Multiport valve Piping arrangement				
	Filter media : Graded Pebbles, Silex, High Graded				

	filtering Sand and Activated carbon IV 1200.					
	Make: Jave Engg					
	Accessories : Pressure gauges, Air Vent & Pressure Releasing Valve					
12	<u>DISINFECTION DOSING SYSTEM</u>					
	Type: Electronic Diaphragm	1	Set			
	Material of Construction: PP					
	Capacity : 0 - 10 LPH					
	Make: Nzo/UKL/E Dose					
	Dosing Tank : 100 Liters					
	Doaing Tank MOC: PP					
13	<u>UV SYSTEM</u>					
	Type : Ultraviolet Disinfection	1	No.			
	Material of Construction : SS 304					
	Capacity : 5.0 m ³ / hr					
	Lamp make : Philips/ Light Source					
14	<u>ELECTRO MAGNETIC FLOW METER WITH ONLINE CONNECTIVITY</u>					
	Type : Electro Magnetic	1	Lot			
	End Connections: Flanged					
	Size: 40 NB/ 2 Nos					
	Online Connectivity: RS 485 with Online Monitoring through IOT for 1 year. Storage in Cloud.					
	Make : EIT / UPC					
15	<u>SUPPLY OF PIPING WORKS FOR STP</u>					
	Supply of Piping works including Suction and Delivery of	1	Lot			

	Transfer Pumps and Dosing pumps, with necessary supports with following specifications				
	Pipes & Fittings				
	Material : UPVC / MS				
	Pressure rating : UPVC - 6 kg/cm ² , MS - 15kg/cm ²				
	Make : PVC - Supreme / Finolex/ Equivalent				
	MS/GI - Tata/Jindal/ Equivalent				
	Valves				
	<i>Diaphragm Valves, Gate Valves, Ball Valves, Non Return Valves</i>				
	<i>Butterfly Valves, Needle Valves</i>				
	Material : Polypropylene, CI, Carbon Steel Stainless Steel				
	Working pressure : 10 kg/cm ²				
16	SUPPLY OF ELECTRICAL & INSTRUMENTATION WORKS FOR STP				
	Supply, of Electrical works with following specifications				
	Motor Control Centre				
	Type: Fixed Non Compartment type with DOL Starters Consists of Incoming feeder with outgoing feeders, Voltmeter Ammeter, Push buttons with Indicator lamp, Overload relays, Contactors, Bus bar of required size, Control cabling				
	Make : Jave Engg	1	Lot		
	Cables				
	Type : Copper Flexible				
	Size : 3C x 2.5 sq. mm, 3C x 4.0 sq.mm				
	<i>Make : Polycab / Equivalent</i>				
	Terminations				

	Consists of compression cable glands, ferrules, ties,					
	aluminium cable tags etc					
	Earthing					
	Consists of Copper green wire for earthing of Motors, MCC etc					
17	ERECTION AND COMMISSIONING OF THE SYSTEM					
	Erection and Commissioning of the System including the Chemicals and Consumables required for the Commissioning of the System	1	Lot			
	<u>Part- B – Electrical Works</u>					
1	Supply and Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required (Make: RR, Havells, Finolex, Polycab)	400	Mtrs			
1.1	150 sq. mm					
2	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.	400	Nos.			
2.1	Above 95 sq.mm and upto 185 sq.mm					
3	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. (Make: Commet, Dowell etc)	4	Nos.			
3.1	3.5*150 Sq.mm (50 mm)					
4	Supplying and laying of following Suitable size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in	400	Nos.			

	ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.					
5	Supply and Fixing of Outdoor type Cubical Type free standing totally enclosed dust & Vermin Proof LT Panel suitable for 440 Volts 3 Phase , 50HZ AC Supply system of suitable size with not less than depth of 450mm fabricated in compartmentalized made from CRCA sheet steel of 16SWG,,having suitable Bus Bar rate capacity of 150A and 3 phase energy meter fixing provision chamber. Aluminium Bus Bar of high conductivity with PVC Sleeves, DMC/SMC bus Bar supports, entire Panel shall have 2 nos. earth stud, and control wiring of 1.5sq mm PVC insulated Copper Conductor Cable, Cable Alley Bus Bar Chamber Cable Gland Plate Confirming to IP 65 protection, including providing following switchgear make of: L&T, Siemens, Schneider, ABB, Hager & Other accessories of reputed make. (including civil work for mounting panel board over the pedestal)	1	No.			
5.1	Manual chage over switch - 125A					
5.2	MCCB -125A					
5.3	Indication Lamp- R,Y,B (set)					
	<u>Part- C - Plant Operation</u>					
1	Operation of Sewage Treatment Plant of 100 KLD capacity for 24 hrs per day by engaging qualified plant operators, in three shifts of 8 hours duty of each, other man powers and using chemicals like sodium hypochloride, Bio culture, consumables etc., as required for maintenance and as directed by the Engineer-in charge. The treated sewage shall have the parameter like, (1. pH Value, 2. Suspended Solids, 3. Total Dissolved solids (inorganic) 4. Bio Chemical Oxygen Demand- BOD (5 days at 20° C), 5. Chemical Oxygen demand- COD, 6. Ammonical Nitrogen (as N), 7. Total kjeldahl Nitrogen (as N), 8. Oil and grease, 9. Colour and Odour) shall be within the limits as prescribed in	12	Lot			

<p>relevant BIS code and shall be reusable for horticultural purpose/flushing or recharged to ground water after treatment and chlorination. The treated samples shall be collected by monthly and report to be submitted to CUTN, Thiruvarur along with bill. Rate is inclusive of Cost of repairs to pumps and other electrical and mechanical components and maintenance of all installations if any, cost of watch and ward arrangement made for the above Sewage Treatment Plant etc., cost of testing of treated water, complete including replacement of damaged diffusers if any. Replacement of Media of carbon and sand filters (every 6 month) and FAB Media of approved make like Preflex / MM Aqua / Cool Deck or equivalent (1 Cum for each Plant) including repairing of skid , motors, blowers ,etc complete as per the direction of Engineer in charge.</p>					
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Total Amount of Rupees (Excluding GST)					
GST in %		GST in Rupees.			
Total Amount of Rupees (Including GST) and all applicable taxes.					

Rupees (In words).....

- Note:** 1. All other requirements, scope of work as mentioned in this tender document should be considered before quoting.
2. I/We declare that the above quoted rate inclusive of all Charges & Taxes are firm throughout the entire period of contract and no cost escalation/ no variation will be paid on any account.

Signature of Bidder/Contractor
with Seal