



**ITILIMITED, Palakkad**

**Request For Quotation (RFQ)**

**For**

**Renovation, Operation and  
Maintenance of Canteen Wastewater  
Treatment Plant**

**RFQ Reference No: ITI/PKD/CIVIL/2025/0111**



**ITI LIMITED :: KANJIKODE WEST :: PALAKKAD 678623.**

**RFQ Reference No: ITI/PKD/CIVIL/2025/011**

**Date: 08-May-25**

**(REQUEST FOR QUOTATION)**

ITI Limited a PSU under Department of Telecom Government of India invites Bid for Renovation, Operation and Maintenance of Canteen Wastewater Treatment Plant (CWTP) for its Palakkad Plant, Kanjikode West, Palakkad, Kerala- 678623 for meeting the latest specifications laid down by Kerala State Pollution Control Board subject to the following terms & Conditions:

**1. Tendering Schedules:**

- 1.1. RFQ releasing date: 08.05.2025
- 1.2. ITI plant CWTP visit date &time: On or before 13.05.2025, 10 AM to 4PM.  
Offline Prebid meeting date &time: 13.05.2025 from 2PM to 4PM.
- 1.3. Due date for submission for clarifications:14.05.2025
- 1.4. The last date for submission of bid is 19.05.2025@2PM.TheTenderDocument shall be addressed through E tender portal.
- 1.5. Mode of submission: Online mode only at <https://itilimited.ewizard.in/>
- 1.6. The bid shall be opened on the same day i.e. 19.05.2025 at 2:30PM.
- 1.7. For any help or clarifications regarding tender uploading please contact Sri NITHIN, Mob No 8448288986 / Sri GAGAN Mob No 8448288987 (Service provider of Tender wizard).
- 1.8. For any help or clarifications regarding technical part please contact:
  1. ITI Environment Officer : [ashwinia7131\\_pkd@itilttd.co.in](mailto:ashwinia7131_pkd@itilttd.co.in);
  2. ITI Civil Department: [civil\\_pkd@itilttd.co.in](mailto:civil_pkd@itilttd.co.in);

## **2. Terms & Conditions**

- 2.1. **Terms of Contract:** Works Contract for renovation ,operation and maintenance of Canteen Waste Water Treatment Plant for meeting the latest specifications laid down by Kerala State Pollution Control Board for its Palakkad Plant, Kanjikode West, Palakkad, Kerala- 678623.
- 2.2. **Contract period:** Operation and Maintenance of Canteen Waste Water Treatment Plant for three years.
- 2.3. **Validity of Quotation:** 90 Days
- 2.4. **Bid Type:** Technical Bid and Price bid (Two bids System)
- 2.5. **Earnest Money Deposit (EMD):** Rs. 51,320/- (Rupees Fifty One Thousand Three Hundred and Twenty Only) and Tender document fee of Rs. 590/- (Rupees Five Hundred and Ninty Only) inclusive of 18% GST shall be payable along with the bid. This shall be paid well in advance of tender submission time through NEFT or bank transfer in favour of ITI Limited payable at Palakkad.

**SINCE THIS IS A WORKS CONTRACT, BENEFITS TO MSEs UNDER PUBLIC PROCUREMENT POLICY INCLUDING EXEMPTION FROM PAYMENT OF COST OF TENDER DOCUMENT & EMD SHALL NOT BE APPLICABLE.**

EMD will be refunded for the unsuccessful quotations after the finalization of the tender Process.

EMD must be submitted on our E-tender Portal or the EMD amount can also be transferred online in the below mentioned account details and the transaction details should be furnished with the "Technical Bid".

Account Name: I T I Limited Palakkad

Account No: 10620194836

Branch Name: State Bank of India, Palakkad Branch

IFSC: SBIN0000893

MICR Code: 678002002

EMD submitted with the quotation shall be forfeited if the successful bidder:

- a) Backs out after acceptance.
- b) Withdraws from the contract before the expiry of the contract period.
- c) Violates any of the terms and conditions of the tender.

- d) Found to have indulged in fraudulent practices in the tender submission process.

### 3. Scope Of Work

3.1. Renovate the present STP to latest process, capable of treating 20 Meter cube water per day.

3.2. The characteristics of the treated sewage shall conform to the following KSPCB (Kerala State Pollution Control Board) tolerance limits:

**pH- 6.5 to 9**

**TSS<10 mg/L**

**BOD<30 mg/L**

**Oil and Grease <10 mg/L.**

3.3. Treated water shall be checked in any NABL accredited lab for quality assurance in every quarter and shall submit the report to ITI by the bidder. Bidder shall take necessary action for any deviations from the standards during the warranty period.

3.4. Bidder can either install a new sludge bed or set up compost pits in the existing infra available.

3.5. Manure or bacteria as required for optimal operation is to be provided during warranty period. The bidder shall account for the supply cost of the microorganisms/manure in the quoted rate.

3.6. Arrangement of uninterrupted aeration for the survival of aerobic bacteria to be ensured. The electrical power will be restored within 15 minutes if power failure happens.

3.7. Flow meter is to be installed at the outlet.

3.8. The plant shall be capable of operating continuously for 24 hours and shall be fully automated including filter backwashing. All the electrical equipments like feed pump, sludge return pump, blower, sludge transfer pump shall be in duplicate and switchover between them at specific periods automatically.

3.9. All electrical equipment /other items shall comply with ISI /BIS standards. The Electrical works including material and scheme approval from electrical inspectorate are under the scope of vendor. The bidder shall account for this cost of work in the quoted price.

3.10. Proper functioning of the oil trap shall be ensured and deployment of oil-degrading microorganisms for improved oil trap management shall be provided during warranty period. Consumables like chemicals and oil degrading cake ,etc which are required for the daily operation shall be deployed for the daily operations. The bidder shall account for the supply cost of these microorganisms/chemicals/oil degrading cake etc in the quoted rate.

- 3.11. A schematic layout drawing summarizing the deployment of various equipments required must be provided along with bid.
- 3.12. Staff in working in ITI shall be given proper training on operation.
- 3.13. Bidder shall take necessary arrangements by using existing final treated water storage tank for Wastewater disposal during Revamping/Cleaning.
- 3.14. Bidder can either utilize the existing filter vessels, or can the bidder scrap them and install upgraded filters. Both options are acceptable.
- 3.15. The bidder shall account for unforeseen expenses related to tank leakage or seepage repairs in the quoted price.
- 3.16. Electrical Power supply during renovation will be ITI scope.
- 3.17. Bidders have the flexibility to select any of the following acceptable options: Ultra filtration unit, Sludge drying bed, or Screw press
- 3.18. Providing a semi-skilled labour for operation and maintenance of CWTP for 3 years. The bidder shall account for expenses related to allocation of official daily basis between 9am to 5 pm except ITI holidays in the quoted price.
- 3.19. ITI Limited shall not be responsible for death, damage, injury or any other loss that may occur to the person engaged by the bidder for carrying out the work in the premises of ITI Limited. Any loss to bidder's workman in ITI Limited premises will have to be compensated by the bidder as per state Factory Act Rules and other relevant Rules. The bidder shall not be eligible for any kind of compensation from ITI Limited on accounts of any reason what so ever.
- 3.20. Safety protocols: Necessary supports and safety materials for carrying out the work shall be provided by the bidder.
- 3.21. Influent water parameters, Existing mechanical equipment details, Compost pit details are subjected to on-site assessment only.
- 3.22. Fabrication of steps to access the top of CWTP tank shall be provided by the bidder.

#### **4. Eligibility**

- 4.1. Experienced environmental consultancy/STP manufacturers having successfully executed Design and implementation of at least 2 Effluent / Sewage Treatment Plants during last 5 financial years having the capacity equal or more than 20 cubic meters. The bidders shall furnish PO copies and performance certificate/work completion certificate with complete information to substantiate the same along with technical bid.
- 4.2. Firm registration and ISO certifications. Copy shall be submitted along with the bid.
- 4.3. The bidder shall have valid GSTIN registration number (Copy to be submitted along with the bid).

- 4.4. The bidder shall have valid PAN number (Copy to be submitted along with the bid).
- 4.5. ESI Registration letter indicating code no.allotted.
- 4.6. EPF Registration certificate.

**5. Bidding:**

- 5.1. The bidder shall visit ITI Ltd., Palakkad to access the available CWTP infrastructure. Certifications regarding the visit from ITI Palakkad Environment Officer shall be attached along with bid. Bidders who visited the site for Tender No. TNCIVIL938 dated 12.03.2025 is exempt from this requirement and shall upload their previous visit report.
- 5.2. Detailed implementation plan with list of additional equipments shall be submitted along with bid.
- 5.3. Financial bid shall be opened only of those bidders who qualify in Eligibility and Technical bid.
- 5.4. Implementation: within 6 weeks from PO acceptance date.
- 5.5. Liquidated Damage Clause: A sum equivalent to 1% of the PO value will be recovered per week delay for the first 4 weeks from the scheduled time of completion. Contract termination occurs if the successful bidder fails to complete work in 10 weeks.

**6. Warranty: One year replacement warranty and 2 year repair warranty.**

**7. Payment:**

- 7.1. 90% payment will be released on commissioning, a satisfactory treated effluent lab report and after submission of electrical inspectorate approval.
- 7.2. Balance 10% after warranty period of 3 years

OR

On submission of PBG for equivalent value valid for 3 years 3 months.

- 7.3. The calculation of payments to be made towards individual labour provided by the contractor as per order F.No.1/6(I)/ 2025-LS-II from Ministry of Labour and Employment office of the Chief Labour Commissioner(c) dt.28.03.2025.

SEMI- SKILLED CONTRACT RATES PER DAY		Semi-skilled
SI No	Govt. Approved Rate Excluding PF / ESI Portion (Rs.632/-)	

1	Wage for per day (Basic + DA)	632
2	Employer's Share of Cont-EPF 12 % + 1% Adm	82.16
3	Employer's Share of Cont-ESI 3.25%	20.54
4	Holiday wage - (12 Holidays / year)	25.28
5	Bonus 8.33% (Rs.7,000/-)	23.33
6	Working Coat (Rs. 750/-)	2.50
7	<b>Per Day Total Rate</b>	<b>785.81</b>
8	<b>Computation of Monthly Expenditure (25 Days)</b>	<b>19645.33</b>
9	<b>Computation of Annual Expenditure (300 Days)</b>	<b>235743</b>

7.4. During the pendency of the contract, revision in minimum wages by the Ministry of Labour and Employment shall be adhered to as and when it takes place.

7.5. The payment against labour supply will be based on actual working days and attendance only.

7.6. To comply with statutory payments called for like PF,ESI etc.

## 8. Financial Bid Format

<b><u>ITI LIMITED</u></b> <b><u>(A Government of India Undertaking)</u></b> <b><u>Kanjikode (West) Palakkad-678623 Kerala, India</u></b>				
<b><u>ITI/PKD/CIVIL/2025/0111</u></b> <b>For Renovation Operation Maintenance of Canteen Waste Water Treatment Plant</b>				
Name of Firm				
<b>A&gt; Offer for RFQ For Renovation Operation Maintenance of CWTP</b>				
Sl No	Details of the Items	Rate in Rs.	GST	Total
1	Design , Installation and commissioning charge			
2	<b>Equipment cost</b> (separate cost for all equipments/accessories should be provided)			
3	Miscellaneous items (Separate cost for each item should be provided)			

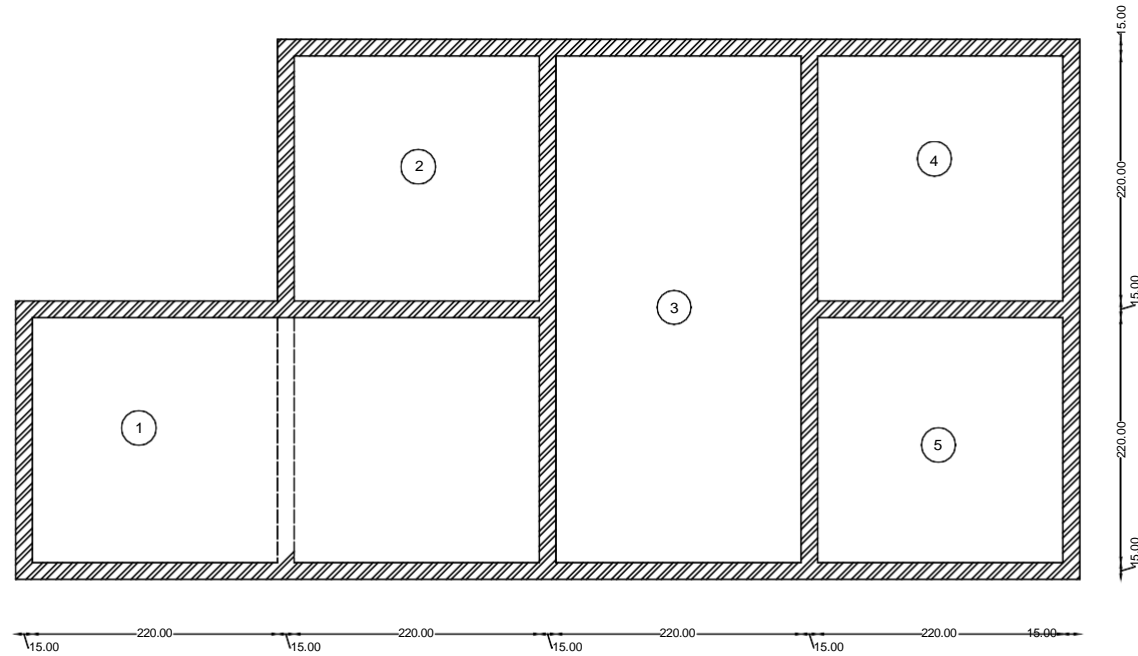
4	Labour supply –Fixed for three 3 years 1 semi skilled labour@ <b>785.81</b> /day for 25 days	<b>707229</b>	<b>127301.2</b>	<b>834530.2</b>
5	<b>Total</b>			

**B>Other Terms & Condition**

1	Validity of quotation	90 Days
2	Payment Terms	a) No advance payment b) Payment after satisfactory work completion as per clause 3& 7.
<b>Note</b> -	a) Any deviation from above format shall be liable for rejection of the bid. b) No additional charge of any kind permissible (c) No split ordering will be entertained, L1 will be arrived at on the basis of sum total . (d) Partial quotes will not be considered and will be summarily rejected (e) Labour Supply Rate is fixed for three years and is calculated for 1 semiskilled labour@Rs. <b>785.81</b> /day for 25 days in a month. However, the payment against labour supply will be based on actual working days , attendance, revision in minimum wages by the Ministry of Labour and Employment only.	



# WASTEWATER TREATMENT PLANT CANTEEN



Depth of the tanks: 2.1m

1. COLLECTIONTANK
2. ANAEROBICTANK
3. AERATIONTANK
4. SETTLINGTANK
5. FILTERFEEDTANK

COMPANYNAME:ITILIMITED

DRAWING:CANTEENWASTEWATER  
TREATMENTPLANT CANTEEN  
ITI LIMITED KANJIKODE

SCALE:1:1

