



தமிழ்நாடு கेंद्रीय विश्वविद्यालय
(संसदद्वारा पारित अधिनियम 2009 के अंतर्गत स्थापित)
CENTRAL UNIVERSITY OF TAMIL NADU
(Established by an Act of Parliament, 2009)

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CUTN/ENGG/CVL/Tender/2026-27/13

13.10.2026

Subject	:	Minutes of Meeting -Pre Bid meeting
Name of work	:	Operation & Maintenance of Sewage Treatment Plants (STPs) 150 KLD (02 Nos) near Academic building and Hostel building at Academic campus, CUTN, Thiruvārūr.
Tender Ref No	:	CUTN/ENGG/CVL/Tender/2026-27/13
Value of Work	:	Rs.20,54,461.00/-
Last Date for Submission of Bids	:	15.10.2026 at 15:00 Hrs.

Minutes recorded at the Pre bid meeting for “Operation & Maintenance of Sewage Treatment Plants (STPs) 150 KLD (02 Nos) near Academic building and Hostel building at Academic campus, CUTN, Thiruvārūr”

The representative of the prospective bidder attended the Pre Bid Meeting:

Name of the Person	Company Name
Mr. Vinoth S, Director	M/s.Espure Water Solutions, Chennai
Mr. Aneesh Surendran, Engineer	M/s. Aquanza Technologies and Solutions, Kochi

E-mail queries Received from Prospective bidder:

Ms. Anitha Mano	M/s. Clar Aqua Private Limited, Chennai
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Opening Remarks:

The queries/clarifications sought by the prospective bidders were given as below:-

Sl. No.	Queries/Clarifications/ Doubts Sought by bidders	Response from CUTN
Queries From M/s. Espure Water Solutions, Chennai		
1	Kindly provide the detailed estimate/abstract supporting Rs.20, 54,461/- -showing manpower, statutory contributions, chemicals, consumables, testing, repairs/spares, media replacement, supervision, overheads and profit components?	Please refer the Clause: Section-IV (Scope of Work), Table-A, Financial Bid, Page 45; NIT Clause 03 (Estimated Cost: Rs. 20,54,461/-), Page 5.
2	Kindly clarify the rate per plant per month adopted in preparing the estimate and the methodology/DSR/LMR or other basis used?	Please refer the Clause: Table-A, Financial Bid, Page 45; Section-IV, Scope of Work (O&M of STP), Page 21-23.
3	Since the Financial Bid is lump-sum, kindly confirm whether all quantities used in the estimate are based on historical consumption/actual site data or normative assumptions?	Please refer the Clause: Section-IV, Clause 51 (Important Conditions of Contract), Page 19; Schedule-'A' Note, Page 43; Section-I, Clause 10, Page 12; Section-IV, Clause 6 (Site Visit), Page 20-21.

4	Kindly specify the minimum manpower required for each 150 KLD STP, category-wise: operator, helper/unskilled, supervisor, electrician, fitter/mechanic, technician and watch & ward?	Please refer the Clause: Section-IV, Scope of Work (O&M), Point 25, Page 23; Working Conditions (a)-(e), Page 23; Section-I, Clause 16, Page 12.
5	The tender specifies three shifts of 8 hours. Kindly clarify whether three operators are required per plant or three operators in total for both plants?	Please refer the Clause: Table-A, Financial Bid, Page 45-46; Section-IV, Scope of Work, Point 1, Page 21
6	For 24×7 operation throughout the year, kindly clarify the reliever manpower required for weekly offs, leave, holidays, absenteeism and statutory working-hour requirements?	Please refer the Clause: Working Conditions (a)-(b), Page 23; Section-I, Clause 8 (Item rate inclusive of all costs), Page 11-12.
7	Kindly clarify whether a supervisor is required separately for each STP or one common supervisor for both STPs?	Please refer the Clause: Working Conditions (d), Page 23.
8	Kindly clarify whether the electrician/fitter/mechanic is required full-time at site or on-call/periodic?	Please refer the Clause: Section-IV, Scope of Work, Point 25, Page 23.

9	Kindly clarify the minimum qualification and experience required for each manpower category?	Please refer the Clause: Table-A, Page 45; Section-I, Clause 16, Page 12; Section-I, Clause 17, Page 12.
10	Kindly provide the wage category and monthly wage rate considered for Operators, Helpers, Supervisors and technical manpower while preparing the estimate?	As per GOI Norms. .
11	Kindly clarify whether the estimate includes applicable DA/VDA, bonus, leave wages, weekly-off wages and other statutory labour costs?	Please Refer Tender Document.
12	If statutory minimum wages/VDA increase during the contract, will the additional	Please refer the Clause: Section-I, Clause 7, Page 11

	statutory cost be reimbursed or absorbed in the firm lump-sum rate?	
13	Since EPF and ESI are stated to be reimbursable on actual basis, kindly clarify whether they are included in the Rs. 20,54,461/- or excluded and reimbursed separately.	Please refer the Clause: Section-II, Clause 19, Page 16.
14	Kindly provide the EPF/ESI amount or percentage considered in the estimate?	Please refer the Clause: Section-II, Clause 19, Page 16.
15	Kindly specify the minimum watch & ward manpower and whether round-the-clock watch & ward is required?	If required, this may be engaged by Agency.
16	Kindly provide estimated annual quantities of sodium hypochlorite, bio-culture, NDSL and all other chemicals considered in the estimate, and the frequency for each chemical?	Please refer the Clause: Table-A, Page 45; Section-IV, Scope of Work, Points 3, 4, 29, Page 21-23.
17	Kindly specify the dosage, concentration and frequency for each chemical?	Please refer the Clause: Section-IV, Scope of Work, Point 29, Page 23; Point 3, Page 21-22; Table-A, Page 45; Treated Sewage Characteristics, Page 14.
18	If actual sewage flow/load	Please refer the Clause: Section-I, Clause 6 (Variations), Page 11; Section-I, Clause 7 (Firm rate),

	differs materially from the design capacity, will the responsibility for chemical consumption be adjusted accordingly?	Page 11.
19	Kindly provide the average, minimum and peak daily sewage inflow for each STP for the previous 12 months?	Please refer the Clause: Table-A, Page 45; Treated Sewage Characteristics, Page 14; Section-IV, Clause 6 (Site Visit), Page 20-21.
20	Kindly provide historical influent BOD, COD, TSS, ammonia, pH and other relevant parameters for both STPs?	Please refer the Clause: Treated Sewage Characteristics, Page 14; Section-IV, Clause 6 (Site Visit), Page 20-21.
21	Kindly provide the latest equipment inventory with make, model, capacity, age and present condition for pumps and other relevant equipment?	Please refer the Clause: Section-IV, Scope of Work, Points 16, 25, Page 22-23; Section-IV, Clause 6 (Site Visit), Page 20-21.
Queries From M/s.Aquanza Technologies and Solutions, Kochi		
1	Kindly specify the minimum man-power requirement for each 150 KLD STP, including the number of operators, supervisor/technician, shift pattern and required	Same as response to Q4 and Q5 from M/s. Espure Water Solutions.

	qualifications/certifications?	
2	Kindly clarify whether a valid Labour License is mandatory at the time of submission of the bid, or whether a bidder may obtain the Labour License after award of the contract and before commencement of the work. If mandatory at bid stage, kindly specify the applicable statutory license/registration and minimum man-power threshold considered for this requirement?	Please refer the Clause: Eligibility Criteria, Point 5, Page 8; Clause 38, Page
3	Kindly provide/share the latest condition/status of both 150 KLD STPs, including the present operational status of major equipment such as pumps, blowers, motors, electrical panels, dosing systems, filters and instrumentation units. If no objection, kindly share/provide the latest inspection/condition assessment report to our Company representative?	Please refer the Clause: Section-IV, Clause 6 (Site Visit), Page 20-21; Pre-Bid Meeting Minutes, Page 5 (Query from M/s. Clar Aqua).

4	Kindly clarify whether replacement of major capital equipment, such as pumps, motors, blowers, electrical panels, major valves, instruments and other equipment requiring substantial expenditure, is included in the contractor's O&M responsibility or will be separately paid by CUTN?	Please refer the Clause: Table-A, Financial Bid, Page 45-46; Section-IV, Scope of Work, Point 25, Page 23.
5	Kindly clarify the financial limits/scope of consumables and spares included in the quoted O&M rate and whether major-value replacement items will be paid separately based on approved rates?	Please refer the Clause: Section-IV, Scope of Work, Point 26, Page 23; Table-A, Page 45-46.
6	Kindly provide the quantity, specification/grade and approximate quantity of carbon media required for each STP. Please also clarify whether the cost of carbon media replacement is to be included in the quoted O&M rate or will be paid separately?	Please refer the Clause: Table-A, Financial Bid, Page 46; Section-IV, Scope of Work, Point 3, Page 21-22.

7	Kindly clarify whether CUTN will provide this chemical or whether the contractor must procure it. If the contractor must procure it, kindly provide the approximate monthly consumption and confirm whether an approved equivalent chemical can be used?Request: Kindly allow our company representative to physically inspect this item at site and obtain the required product specifications and details.	Please refer the Clause: Section-IV, Scope of Work, Point 29, Page 23; List of Approved Makes, Page 44.
8	Kindly clarify whether electricity consumed for operation and maintenance of the STPs will be supplied free of cost, or whether the contractor will be charged separately?	Please refer the Clause: Scope of Work (Client), Point 1, Page 23; Clause 17, Page 16.
9	Kindly clarify whether water required for routine STP O&M, cleaning and maintenance will be provided free by CUTN or charged to the contractor, and how the 1% recovery will be calculated for this O&M	Please refer the Clause: Clause 16, Page 16.

	contract?	
10	Kindly provide the approximate length and extent of the sewage network, number of man-holes/chambers and other associated structures covered under the contractor's responsibility?	Please refer the Clause: Section-IV, Scope of Work, Point 28, Page 23; Section-IV, Clause 6 (Site Visit), Page 20-21.
11	Kindly share number of man-power currently engaged for this and can the Contractor make this as a sub-contract for executing this scope of work by a tri-parties signed agreement?	Please refer the Clause: Eligibility Criteria, Point 6, Page 8; Integrity Pact, Article 5, Page 40.
12	Kindly clarify, whether the quoted BOQ rate is a fixed monthly O&M amount for each STP or whether payment will be based on measured quantities/M-Book. Please also clarify the payment mechanism for recurring consumables, testing and	Please refer the Clause: Table-A, Financial Bid, Page 45-46; Payment Terms, Page 10.

	other periodic activities?	
13	Kindly clarify whether the 3%-5% increase will be applicable for each additional year, and whether the revised rate will be mutually agreed based on statutory increases in minimum wages, EPF/ESI, consumables, electricity-related costs and other operating expenses?	Please refer the Clause: NIT Clause 08, Page 5; Tender Document, Page 4.
14	Kindly clarify whether the 5% Performance Guarantee will be calculated on the accepted value for the initial one-year contract only, and whether an additional/extended Performance Guarantee will be required if the contract is extended for subsequent years?	Please refer the Clause: Performance Guarantee (PG), Page 10; Defects Liability Period (DLP), Page 10.

15	Kindly share the current duty shift timing and Supervisor's duty?	Please refer the Clause: Table-A, Page 45; Working Conditions (d), Page 23.
Queries From M/s.Clar Aqua Private Limited, Chennai		
1	Convenient date and time for the Site Visit during next week? (Received from Clar Aqua Private Limited, Chennai through Email dated 28.09.2026).	Please refer the Clause: Section-IV, Clause 6 (Site Visit), Page 20-21; Pre-Bid Meeting Minutes, Page 5.

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Deputy Registrar,
Estate Section, CUTN