Tender No.: 12 of 2026-2027

OFFICE OF THE ENGINEER-IN-CHIEF, PUBLIC HEALTH ENGINEERING DEPARTMENT

TENDER DOCUMENT, VOLUME – II

FOR

SURVEY, DESIGN, SUPPLY, INSTALLATION, CONSTRUCTION, TESTING & COMMISSIONING OF *FSTP USING DECENTRALIZED WASTEWATER TREATMENT SYSTEM (DEWATS) FOR THENZAWL TOWN WITH ALL CONTINGENT CIVIL, ELECTRICAL, MECHANICAL, PIPING AND INSTRUMENTATION WORKS (INCLUDING 1 MONTH TRIAL RUN + 1 MONTH TRAINING OF OPERATORS + 1 YEAR DEFECT LIABILITY PERIOD).*

UNDER SBM (U) 2.0

Tender amount	**Rs. 61,10,676.00**
Earnest money	**Rs. 1,22,300.00**
Last date of sale of tender	**Dt 10.09.2026 @ 14.00hr.**
Last date of submission of tender	**Dt 22.09.2026 @ 12.00hr.**
Date of opening	**Dt 22.09.2026 @ 14.00hr.**
Date of pre bid meeting	**Dt 08.09.2026 @ 14.00hr.**
Cost of tender document	**Rs. 1,500**
Time allowed for execution of work	**7 months**

Bill of Quantities (Financial Bid)

Price Bid Forms

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FORM OF FINANCIAL BID

Name of Work: _____

Bid No: _____

To

_____[Employer]

_____ [Address]

Sir,

We, the undersigned, hereby submit our financial offer for the above-mentioned works as follows;

Sl. No	Description	Bid amount (in Indian Rupees)	
		Figure	In words
1	Civil works for FSTP plant		
2	Electrical Works		
3	Electro-mechanical Works		
4	Miscellaneous works		
5	Labour cess 1%		
6	Total amount		

* Rate should be quoted separately using the same table format for THENZAWL Town.

1. We undertake to abide by the final amount coming out of the correction of arithmetical errors.
2. We understand that you are not bound to accept the lowest or any tender you may receive.

Signature of authorized signatory ……
Name……
Title ……..
Date …….

Schedules

Bill of Quantities

Preamble

1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, Conditions of Contract, Specifications and Drawings.

2. For the construction of works, the quantities given in the Bill of Quantities are estimated quantities, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Engineer and valued at the agreed individual item rates. Bills will be raised monthly. The method of measurement shall be as per norms laid out by the Bureau Of Indian Standard's publication IS :1200 (Latest Editions with updated amendments).

3. For the Project's Environmental Management Plan (EMP), the contractor shall raise an invoice every quarter, listing out the actual costs for the implementation of environmental measures. These bills will be paid out of Provisional Sums.

4. A rate or price shall be entered against each item in the Priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the Contractor has failed to enter a price or rate shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.

5. The whole cost of complying with the provisions of the contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of work.

6. General directions and descriptions of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. Reference to relevant sections of the Contract documentation shall be made before entering prices against each item in the priced Bill of Quantities.

7. The rates and prices tendered in the priced Bill of Quantities shall, except in so far as it is otherwise provided under the Contract, include all constructional plant, labour, supervision, materials, erection, maintenance, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out in the Contract. Import duty and excise duty on materials and goods to be imported shall not be included in the Unit Rates and the Employer shall issue certificates exempting the Contractor from payment of these duties.

8. Item Rate BOQ to be appended after firming up of Detailed Design in DPR

9. Arithmetic errors will be corrected by the Employer as follows:
    a. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
    b. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
    c. if there is a discrepancy between words and figures, the Amount (In INR) in words shall prevail, unless the Amount (In INR) expressed in words is related to an arithmetic error, in which case the Amount (In INR) in figures shall prevail subject to (a) and (b) above.

10. Rock is defined as all materials that, in the opinion of the Engineer, require blasting, or the use of metal wedges and sledgehammers, or the use of compressed air drilling for their removal, and that cannot be extracted by ripping with a tractor of at least 150 brake hp with a single, rear-mounted, heavy-duty ripper.

BILL OF QUANTITITES (BOQ)

for

Survey, Design, supply, installation, testing, construction & commissioning of FSTP using Decentralized Wastewater Treatment System (DEWATS) for Thenzawl town with all contingent civil, electrical, mechanical, piping and instrumentation works (including 1 month trial run + 1 month training for operators + 1 year defect liability period).

PROFORMA OF SCHEDULES

The following schedules are to be executed as per requirement:

SCHEDULE 'A' : SCHEDULE OF QUANTITIES

A	Civil Works for FSTP in Decentralized Wastewater Treatment System (DEWATS)	Qty.	Unit	Amount (in Rs.)
1	Construction of Coarse screen chamber & Inlet Chamber	1	Job	
2	Construction of Planted Drying Bed	12	Job	
3	Construction of Anaerobic baffled reactor	1	Job	
6	Construction of Horizontal planted gravel filter	1	Job	
7	Construction of Maturation pond	1	Job	
8	Construction of Steel Roofing System for Planted Drying Bed & Gravel Filter	1	Job	
9	Construction of Pump & Panel Room	1	Job	
B	**Electrical Work**			
	Supply, installation, testing & commissioning of all electrical works related to STP including Main Panel Board , campus lighting, Internal and external electrification	**1**	**Job**	
C	**Electro Mechanical cost**			
	Supply, Installation, testing and commissioning of all Electro Mechanical	**1**	**Job**	
D	**Miscellaneous Works**			
1	Construction of INTERNAL ROAD	1	Job	
2	Construction of APPROACH ROAD	1	Job	
3	Construction of FENCING, GATE	1	Job	
4	Land development work	1	Job	
E	**Labour cess 1%**			

*Rate should be quoted separately using the same table format as per Schedule 'A' for Thenzawl Town.

SCHEDULE 'B'
Schedule of materials to be issued to the contractor: - Note: No materials will be issued to the contractor.

SCHEDULE- 'C'
Tools and plants to be hired to the contractor: - Note: Tools and Plants should be arranged by the contractor.

SCHEDULE 'D'
Extra schedule for specific requirements/ document for the work, if any

SCHEDULE 'E'
Reference to General Conditions of Contract.

Name of Work : Survey, Design, supply, installation, testing, construction & commissioning of FSTP using Decentralized Wastewater Treatment System (DEWATS) for Thenzawl town with all contingent civil, electrical, mechanical, piping and instrumentation works (including 1 month trial run + 1 month training for operators + 1 year defect liability period).

(i)	Estimated cost of work:	Rs. 61,10,676.00
(ii)	Earnest Money:	Rs. 1,22,300.00 (2.0% of Tendered Amount)
(iii)	Performance Guarantee:	5% of contract Amount
(iv)	Security Deposit:	5% of contract Amount

SCHEDULE 'F'

Reference to General Conditions of Contract.