



Expression of Interest

For Operation and Maintenance of 900 KLD Sewage Treatment Plant including sludge management

The Interested eligible operator/ vendor is expected to provide the following service:

1. Agency shall operate sewage treatment plant as per the latest guidelines and maintain parameters as prescribed by GSPCB.
2. Agency shall depute adequate operators at site with a minimum 2-operators per shifts in three shifts of 8 hours each in a day.
3. Agency shall follow statutory rules and regulations regarding employee safety and minimum wages. (minimum wages rule 1963).
4. Agency shall provide all safety wears/ gears to employees and shall follow safety norms during working hours.
5. Agency shall maintain proper shift and wage registers as per statutory guidelines.
6. Agency shall be responsible for operating the plant for three shifts and additional responsibilities will be as follows:
 - Work responsibility of operator in each shift.
 - Plant monitoring for various parameters: pH, SVI, sludge quality, sedimentation rate whenever required and maintaining the same for online monitoring system installed in the plant.
 - Rate of dosing chemicals and microbial inoculum: They will maintain required doses of chlorine, DAP, defoamer and inoculum, if required.
 - Sludge withdrawal from SBR and transferring to sludge drying bed on a regular basis and according to requirement.
 - Operation and maintenance of mechanical equipment, including minor works like cleaning, Preventive maintenance of pumps, Blowers (air cooled and water cooled), cooling tower valves, Filters (sand, carbon and UF), Chemical dosing pumps, Screw Press machine, etc.
 - Maintaining and cleaning the STP plant area regularly.
 - Maintaining record of Preventive Maintenance of all equipment.
 - Attending breakdown maintenance to ensure uninterrupted operation of plant.
7. Supervisor shall visit two times in a week and technical team shall visit every week to resolve issues related to STP, coordinate and sample collection of final treated water for testing parameters like PH, TSS, COD, BOD, and O&G.





8. Testing of Raw and Treated water as per GSPCB guidelines through NABL accredited Lab.
9. Suggesting/ Implementing necessary changes/ modifications as per latest/ new updates in GSPCB guidelines/ regulations.
10. Agency shall maintain the following record in the log book:
 - Maintaining record of Lubrication oil for each Twin lobe air blower.
 - Running hours log book for each Feed pump, Decant pumps, Garden Pumps.
 - SBR cycles Starting and completion timings.
 - Dosing chemical record.
 - Daily Raw and Treated water flowmeter reading.
11. Agency shall ensure maintenance of the following records:
 - Yearly cleaning of SBR and treated water tank.
 - Operation of all machineries and valves in smooth and professional manners for the safety of men and material.
 - Safety wears and duty uniform to be worn by the concerned duty person in the shift.
12. Provide previous experience / credentials of managing similar types of plants.

For further details and clarifications, contact Mr. Kunal Naik, MEP Engineer - 9665636141

The proposal, along with necessary supporting documents, must be submitted to the office of the undersigned on or before 20th February 2025.

The management reserves the right to accept / reject any / all proposals without assigning any reason whatsoever.

Joint Registrar

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