

## **Tender No -T/2455593/2023**

### **Tender Subject**

Operation and Maintenance of Sewage Treatment Plant and Sewage Systems at North & South Al Sharqiya and Al Wusta Governorate for two Years (Zone 3)

### **Brief Scope of work: -**

OWWSC is seeking qualified contractors who are experienced in similar services for to operate and maintain of the Governorates Sewage Treatment Plants, sewage network and TE network for contract period **Two years with the possibility of extending the contract for another year** .

The Contractor will be responsible for the efficient operation and maintenance of the Plants and the sewerage system and achieving full compliance to EA standard and in the line with contract specifications

### **SUMMARY OF SCOPE FOR WORK:**

1. The Contractor must take adequate precautions and handle the work carefully.
2. The contractor shall provide all utilities, including water, electricity and telephones required to operate the facilities and associated infrastructure buildings.
3. The contractor shall provide all necessary office facilities, including office furniture, computing equipment including an office-wide LAN, internet access, email facilities, stationary and all other office supplies for their employed staff and appointed Oman Water and Wastewater Services Company staff.
4. The contractor shall be responsible to transport sludge from small plants to central plant in case of high MLSS in aeration due to dry bed not sufficient.
5. The contractor shall be responsible to transport & disposal of any non-hazardous waste (screening refusals...) from the STP to Beah landfill site.
6. The Contractor shall be responsible to follow Oman Water and Wastewater Services Company Asset Disposal procedure for equipment/material and it should be agreed first with the contract holder.
7. The contractor to submit his organization structure with the detailed employed staff during the mobilization period.
8. The contractor should arrange and provide the necessary environmental permits, discharge licenses renewal and NOC, and the contractor shall be responsible about all penalties of late renewal and not complying to the environmental requirements. Oman Water and Wastewater Services Company will provide full support whenever needed.
9. The contractor is responsible to carry out the require investigation on any abnormal inlet flow (Toxic) and take the necessary action.
10. The Contractor shall maintain a complete 24-hour security system including CCTV at all parts of the Plant.
11. The contractor shall conduct the MBR system, Sand Filter performance analysis, Decanter System Operational analysis. This is required for reporting purpose only.
12. The contractor shall conduct frequent inspection of safety means, smoke detection, Fire alarms, fire extinguishers and CCTV.
13. The Employer could ask the successful tenderer to commence the specified work on temporary basis to prove his ability and resources to the required works.
14. The Contractor must take all precautions and implement the necessary HSE procedures for carrying out the specified works.
15. The contractor is responsible for supplying sufficient safety equipment and tools for the workers and visitors
16. In event of any injury or accident to any personal(s) or damage to the Government properties, the responsibility and liability will be entirely with the Contractor.
17. The Contractor is required to obtain and furnish a Contractors All Risks Insurance Policy to cover the whole of the materials and machineries supplied and also a suitable workman's compensation insurance.

18. The contractor is responsible to submit full report with all information required by the Employer every month, and submission shall be not exceed first five days from the next month.
19. The contractor will be responsible to submit daily report by email to the Employer and shall be cover all day activity and information required by the Employer.
20. The Contractor is responsible for providing the vaccination for all employs. The contractor shall provide list of vaccination for all employs.
21. The Contractor is responsible to provide employs during the contract period and provide alternative during employs absent for more than 5 days.
22. The Contractor is responsible for providing the suitable accommodation for the supplied manpower with all required utilities and not allowed to accommodate in the site unless there is force requirement with approval from the Employer.
23. The Contractor shall apply for the Employer approval for any staff change or replace before 30 days.
24. The Contractor shall be arranging technical and HSE course provide by third party as per requirement and shall be not less than five (5) days every year for each staff.
25. The Contractor has to arrange to keep sufficient emergency staff on call during holidays and after office hours to attend any emergencies that may occur in any of the specified scope of work.
26. The Contractor is responsible for providing two ventilation fan and four dewatering pumps minimum capacity 150 m<sup>3</sup>/h with full materials minimum 100 meters of pipe ready for any emergency located at central plant for each contract.
27. The Contractor shall keep suitable and sufficient transportation arrangements for carrying out the required works continuously without interruption.
28. Contractor area supervisor must be located at central STP on the contract.
29. The Contractor should provide the required numbers of vehicles to carry out the work without failure.
30. The operation and maintenance procedure to be followed shall be as described in the relevant operation and maintenance manuals. In case of the absence of operation and maintenance procedures in the related manuals, the Contractor shall propose to the Employer proper O&M procedure to be adopted. The proposed procedure is to be followed only after obtaining OWWSC approval.
31. The Contractor is responsible for providing the necessary materials, equipment, tools and machinery for carrying out the operation and maintenance works mentioned in these specifications either regarding the quantities or quality. The supplying and using of these materials for the required works is subject to the Employer approval and direct supervision and the contractor should ensure that all the equipment, tools and machinery provided for specific work should be functional throughout the Contract Period.
32. The Contractor is responsible to provide all consumable and chemicals (e.g. chlorine, bentonite powder, polymers, Biological products, and odor eliminating chemicals, consumable...ect.) as required to perform the work in professional manner.