

Brief scope of work

Project Name: Upgradation of Hail Al Ghaf Sewage Treatment plant from 200 m³/day to 400 m³/day

Tender number: T/ 2453344/ 2022

SCOPE OF WORK : The Works for Hail Al Ghaf STP upgradation project shall comprise the design, installation, construction, testing and Commissioning of all necessary upgradation works to preserve the STP into normal operation. This Contract Scope of Work aims to upgrade Hail Al Ghaf STP from the existing capacity of 200 m³/day to 400 m³/day using MBR technology or similar efficient and more reliable treatment method such as IFAS or equivalent.

Contractor scope: Upgradation of Hail Al Ghaf Sewage Treatment plant from 200 m³/day to 400 m³/day, involving Design, Supply, Installation, Testing & Commissioning of the whole upgraded STP including providing training to OWWSC's O & M Team. In addition, the type of MBR module needs to be assessed and compared to other MBR modules available in the market, to avoid unwanted frequent replacements of existing MBR sheets. Thus, resolving the current operational issue in the plant is of high priority. The scope of contractor shall comprise but not limited to the following:

- Technical assessment including comparison of different MBR module types.
- Detailed Design of the proposed additional (or modified) stream, based on the selected MBR module type
- Procurement, supply and installation of new MBR system including civil, mechanical, electrical, and instrument works after confirming the modifications required for the additional capacity.
- Performance Testing and Commissioning of the project.
- Operation and Maintenance Period (Optional) – One Year
- Defects Liability / Notification Period – One Year.

Time for Completion of the Works:

The whole of the Works, including the Provisional Items / Bills, if instructed to be included in the Works, shall be completed within a maximum Time for Completion of the Works of 12 months, as defined by the Standard Conditions of Contract.