

**Brief scope of work**

**Project Name:** Construction of Water Networks in Al Misfah, Yaqa and Al Misanna at Rustaq Wilayat in Al Batinah South

**Tender number:** T/ 2453315/ 2022

**BACKGROUND:**

**This scope designed for three small pockets in Rustaq Wilayat in Al Batinah South Governorate**

- **The first scheme** is Al Misfah in Rustaq wilayat, the scheme still not covered with water network and many requests has been raised to get the water service and the scheme is covering with houses rapidly. The proposed scope will cover around 180 houses, total length of the network is around 13,477m of DI & HDPE pipes with varies diameters.
- **The Second Scheme** is Yaqa in Rustaq wilayat. All nearby areas has been covered by water networks except this location as it is constructed later. The proposed scope will cover around 43 houses, total lengths of the network is around 2,275m of HDPE pipes with varies diameters.
- **The Third Scheme** is Al Misanna village in Rustaq wilayat. The village still not covered with water network and many requests has been raised to get the water service. The proposed scope will cover around 35 houses, total lengths of the network is around 2,258m of HDPE & DI pipes with varies diameters.
- The demand calculation in these areas was calculated for the area as per OWWSC standard (plot account method). OWWSC prepared internally the design of networks for the new project. The study of project considered the hydraulic study and water supply philosophy to the demand area.

**SUMMARY OF SCOPE FOR WORK:**

The main Scope of Work for Contractor shall comprise some of the following:

1. Construction of distribution networks with all necessary accompanying equipment, total length of 18,010m.
2. Construction/installation of fire hydrants.
3. Construction of required isolation valves.
4. Construction of washouts and air valves.
5. Construction of house connections.
6. Site Cleaning.

**COST ESTIMATE:**

- The total estimated cost to construct the proposed distribution network in Rustaq Wilayat with total distance of 18,010m is **192,500 OMR.**