

Project Name: Construction of water network and house connections in Saih AL-Muraik, Wadi AL-Ala 5 and Tawi Naisf at Wilayat Bahla and in Hay AL-Turath south at Wilayat Nizwa in AL-Dakhilyah Governorate

Tender number: T/ 2453292 /2022

BACKGROUND:

- Wadi Al-Ala 5, Tawi Naisf at willayat Bahla and in Hay AL-Turath is new planned area. The urban percentage is increasing rapidly in this planned area.
- In Saih AL-Muraik, the citizen is suffering from water supply by tankers, which is 6.5 km away.
- The demand calculation was calculated for the areas 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 “Construction of water network in Saih AL-Muraik, Wadi Al-Ala 5 and Tawi Naisf at willayat Bahla and in Hay AL-Turath south at willayat Nizwa comprises the following principal components: distribution network with all necessary accompanying equipment.

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

1. Construction of distribution network, **OD 180 mm HDPE**, total length of **2800 m**
2. Construction of distribution network, **OD 110 mm HDPE**, total length of **16000 m**
3. Construction of distribution network, **OD 63 mm HDPE**, total length of **1000 m**.
4. Construction of distribution network, **OD 32 mm HDPE**, total length of **1750 m**
5. Construction/installation of required fire hydrant (**11 Nos**).
6. Construction/installation of required Air valve (**7 Nos**).
7. Construction/installation of required Buried Valve (**17 Nos**).
8. Construction /installation of house connections. (**100 Nos**)
9. Thrust boring/Road cutting (**90 m**)
10. Wadi protection (**500 m**)

Contract period

Construction project (18) months