

Project Name: CONSTRUCTION OF WATER DISTRIBUTION NETWORKS IN WADI ENDAM IN MUDAIBI WILAYAT

Tender number: T/04/OWWSC/2022

BACKGROUND:

Wadi Endam is experiencing development and increasing of plots and population. Therefore, OWWSC decided to construct water networks to new developed areas, which are not covered. The scheme is temporary until construction of new Al Jarda reservoir and pipeline to Wadi Endam under Al Mudaibi zone-3. The water source for the new networks is the existing Khadra Bani Daffaa reservoir.

SUMMARY OF SCOPE FOR WORK:

- Construction main water distribution network from DI pipes, DN 200 mm, 300 mm, total length of app. 2,535 m.
- Construction water distribution network in villages from DI pipes, DN 100 mm, 150 mm, 200 mm and 250 mm, total length of app. 1,551 m.
- Construction water distribution network from HDPE pipes, 110 mm, 180mm and 250 mm and 315 mm, total length app. 72,455 m.
- Construction of HDPE pipeline 32 mm, total length of approximately 8,178 m for house connections.
- Construction of three GRP tanks, total capacity of 270 m³.
- Replacement existing pumps in Al Habra PS with three new (2+1), capacity for each 15l/sec at 175 m.
- Construction one Booster pumping stations BPS, capacity of (1+1) 10l/sec at 20 m with pressure vessel, capacity of 1 m³.
- Construction of wadi and road crossings.
- Construction of flow meters, (buried) valves, pressure reducers, fire hydrants, air valves and washouts.
- All associated mechanical, electrical, Instrumentation & SCADA and civil works
- Testing and commissioning of the entire network including the testing of the main distribution pipeline

OMAN WATER & WASTEWATER SERVICES COMPANY
CORPORATE MANAGEMENT SYSTEM

Brief scope of work

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 Seven Hundred and Ninety (790) days (**including sixty (60) days mobilization period**), as defined by clause 1.1.3 of the Standard Contract for Building and Civil Engineering Works - May 2019 (Rev.01).