

Tender No. T/2460892/2023

Contract B7E- Bausher Network– Sewer Network– South Azaibah

Scope of work for Contract B7E shall include but not limited to the construction (Supply, Installation & Commissioning) of the following:

- Gravity sewer network/s (lateral & trunk) ranging in diameter from 200mm to 700 mm with an approximate length of 24.0 km
- Gravity sewer manholes (lateral & trunk) with approximately 311 No in total.
- House connection and rider sewers ranging in diameter from 75mm to 190mm with an approximate length of 25.0 km.
- Property chambers, House connection chambers and Gravity sewer manholes (for Rider Lines) with approximately a total of 1714 No.
- The contractor shall design and construct the house connections for all plots located in the project area (722 plots).
- Construction of Roads Crossing (open cut & Trenchless method) and complete with all necessary works.
- Connection with the existing network either by connecting to the existing manhole (3 No.) or by constructing a new manhole on the existing line (5 No.).
- Connection with existing Manhole through the Existing Stub out Approx. (24 No.)
- The contractor shall ensure that manholes constructed inside the Wadi or in its proximity are protected and designed to withstand the following:
 1. Structural forces resulted from Wadi flows, considering reasonable storm return period.
 2. Scouring effects.
 3. Instabilities caused by lateral forces (impact of hydrodynamics), or forces due to turbulence and sediment transport.