

Tender No. T/2460881/2023

Contract B7D- Bausher Network– Sewer Network– Al Ansab

Scope of work for Contract B7D shall include but not limited to the construction (Supply, Installation & Commissioning) of the following:

- Gravity sewer network/s (lateral plus trunk) ranging in diameter from 200mm to 1000 mm with an approximate length of 75.50 km
- Gravity sewer manholes (lateral plus trunk) with approximately a total of 1160 No.
- House connection and rider sewers ranging in diameter from 100mm to 200mm with an approximate length of 103.50 km
- Property chambers, House connection chambers, and Gravity sewer manholes (for Rider Lines) with approximately a total of 9000 No.
- Final wet connection works to properties for approximately 3000 No. (Optional).
- The contractor shall design and construct the house connections for all plots located in the project area (4180 plots).
- Construction of Roads Crossing (open cut & Trenchless method) and complete with all necessary works.
- 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.
- The contractor shall connect the drain pipe of the washout valve chamber to the existing sewer manhole or newly constructed drain sump associated with pipes, fittings and all required to complete the work as per OWWSC standards.