

Tender No - T/ 2456833 /2023

Project Name: CONSTRUCTION OF WATER DISTRIBUTION NETWORK AND HOUSES CONNECTIONS IN GUB ALI AT WILAYAT KHASAB IN MUSANDAM GOVERNORATE

Project Brief

- The scope of work includes procurement of materials and equipment, construction and testing, engineering, manufacture, inspection and testing at the maker's works and at site, packing for export shipment, insurance, delivery to site, unloading, complete erection, site testing, start up, commissioning, performance testing; putting into operation, and maintenance support during the defects liability period, which expires One year after the completion of the whole of the Works.
- The objective of this Project is to provide distribution network including house connections for Gub Ali village.
- Main components of the Project are GFS Service reservoir, Booster pumping station, Distribution network (including ship filling pipeline) and House connections.
- The main Scope of Work for Contractor shall comprise the following:
 1. Construction of ship filling pipeline from HDPE pipes OD 110 mm in diameter, total length of app. 207 m.
 2. Construction of GFS elevated tank, volume of 136 m3.
 3. Construction of booster pumping station. Three pumps, two working and one standby, shall be installed inside louver walls.
 4. Installation of electromagnetic flow meter on booster pumping station discharge pipeline.
 5. Installation of pressure vessel V = 0.5 m3 on booster pumping station discharge pipeline.
 6. Construction of distribution network from HDPE pipes OD 180 mm and OD 110 mm in diameter, total length of app. 687 m;
 7. Construction / installation of fire hydrants, pillar type, DN 100 mm.
 8. Construction / installation of isolation valves, air valves and washouts;
 9. Construction of house connections OD 32 mm in diameter.
 10. All required mechanical, electrical, instrumentation & SCADA and civil works.
- The key components of the distribution networks including GFS service reservoir, booster pumping station, distribution pipelines (including ship filling pipeline) and house connections requirements are summarized in the tables below.
- Reservoirs / Tanks Capacities
- Booster Pumping Station Details
- Distribution Pipelines (including ship filling pipeline)