

EXTENSION OF WATER NETWORKS IN (AL HARM-04) IN BARKA WILAYAT AT AL BATINAH SOUTH GOVERNORATE

T/2455545/2023

SCOPE OF WORK

Project Brief

The project work location is in Barka which is located in Al Batinah South Governorate.

The scope of the contractor's work includes the following:

The scope of work includes inter alia civil and building works, procurement, construction and testing of water networks; and Services design, engineering, manufacture, inspection and testing at the maker's works and at the site, packing for export shipment, insurance, delivery to site, unloading, complete erection, site testing, start up, commissioning, performance testing, putting into operation; training of the Employer staff (or others) assigned to operate the Works; and maintenance support during the defects liability period, which expires one year after the completion of the whole of the Works.

The "Extension of Water Networks in (Al Harm-04) in Barka Wilayat at Al Batinah South Governorate" comprises the following principal components:

- Supply & Installation of Flow meter
- Construction of HDPE DN116mm, 110mm & 63mm distribution network, a total length of 31,805m.
- Construction/installation of required fire hydrant (45Nos).
- Construction/installation of required Air valve (10 Nos).
- Construction/installation of required washout (4 Nos).
- Construction/installation of required isolation valve (6 Nos).
- Construction/installation of required buried isolation valve (55 Nos).
- Construction /installation of house connections. (250 Nos).
- Site Cleaning.

Summary

The key components of the project are summarised in the table below.

Location	Description	Class	Approximate length of main & items required
Barka	Flow Meter	PN16	1
	160 OD HDPE Pipe	PN16	6,265m
	110 OD HDPE Pipe	PN16	20,910m
	63 OD HDPE Pipe	PN16	4,630m
	Fire Hydrants	In HDPE Pipe of OD 225	10
		In HDPE Pipe of OD 110	35
	Air Valves	In HDPE Pipe of OD 225	3
		In HDPE Pipe of OD 110	7
	Washout Valves	In HDPE Pipe of OD 225	2
		In HDPE Pipe of OD 110	2
	Gate valves	In HDPE Pipe of OD 225	6
	Surface Box	In HDPE Pipe of OD 110	55
	Thrust boring/Road cutting		160m

Distribution Network

The contractor shall strictly comply with the specifications as indicated in relevant sections and Appendices of this Tender Documents. Any other additional works not included in this scope of work can only be executed upon written approval from the Employer. The Contractor shall inspect the site location prior to submission of his bid offer.