

## Brief Scope of Work

Tender No: T/2455506/2023

Title: CONSTRUCTION OF TANKER FILLING STATION AT AL HAWRA WILLAYAT AL MUDHAIBI

The scope of work includes inter alia civil and building works, procurement, construction and testing of water network; and Services design, 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; 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 "CONSTRUCTION OF TANKER FILLING STATION AT AL HAWRA WILLAYAT AL MUDHAIBI" comprises the following principal components: distribution network with all necessary accompanying equipment.

The main Scope of Work for Contractor shall comprise some of the following:

1. DI PIPE with fittings, OD 200 – 150 m
2. Construction of required isolation valves (2)
3. Construction of PRV (1)
4. Supply and install pipeline marker posts with marker plates as specified. Construction of house connections (3)
5. Supply and installation of Automatic Vending Boxes, including the required electrical operated valves, flow meters, cabling, etc.
6. Construction of Tanker filling station (3 bays, 1 of big tankers & 2 for small tankers) with all DI pipes, valves, holders, water drainage, chain-link fence, entrance road.
7. Supply and installation of electromagnetic flow meters of DN up to 150, as per PAW standard specifications. The flow meters to be installed mainly on the inlet to the water dispensing bays in each station, including integrating jobs to the SCADA.
8. Making Electrical Connection for TFS with all necessary fittings required.