

IRQ-ITB-145/20 - Full Rehabilitation of Stormwater Lift Station – Jubail district - Fallujah, Iraq

Consolidated Q and A

Clarifications raised through email:

BIDDER's Question	UNDP RESPONSE
Soil investigations report is highly required to know the type of soil layers to determine the accurate cost & duration of the excavation activity.	The soil investigation is attached
Please clarify if the excavation quantities of side slopes are included in the quantity mentioned in BOQ or not.	Yes, the excavation quantities of side slopes are included
Bidder plan is to execute power building after completing the backfilling activity in the pump station building.	The bidder has the right to present his work plan as they want as long as it is within time frame specified
Regarding the Fence wall works there is a missing dimension of stone masonry under DPC & there is a difference in foundation dimensions between BOQ & civil drawing, which shall be considered.	If you mean the width of the wall under the DPC, it should be 36cm, and the bidders should consider the foundation dimension mentioned in the BoQ (50x30cm)
Bidder plan to dewater the underground water by using the pumping piping system to discharge the water away from the site and will not use the water tank trucks as mentioned in item 3 in civil BOQ, as it is more practical	The Item mentioned using the water tank trucks or any suitable dewatering system until the completion of the foundations. The bidder is allowed to use pumping piping system as long as it will be connected to the nearest sewage manhole of the area network. Dewatering into the streets is not allowed under any circumstances.
Does the leak test for the lifting pump basin is required? If yes, how the cost of this test will be considered, as it is a costly test.	it's easy test by filling the tank to be sure no leak in
The PLC Schematic diagram consists of signal list for Pumps 1-6. Please confirm if the same PLC System shall be considered for pumps 7-12 as well.	Confirmed (PLC sys for pumps 7-12 are same for pumps 1-6)
The PLC Schematic diagram specifies AO count as 16, however the detailed AO list of the same is not available. Please confirm the count to be considered for all the 12 pumps.	Confirmed
Please confirm the panel mount HMI size to be considered by us.	HMI Specs and size to be considered by vendor & supplier

Please note that S7-200 control system is obsolete now. Please confirm if we can offer S7-1500 series of controllers.	Confirmed, Bidder can propose siemens or equivalent
Please share the detailed specifications of the system cabinet, w.r.t, IP rating, Front & rear arrangement acceptability, redundant etc.	Bidder is required to consider siemens PLC Specifications or equivalent
Please confirm if any HART analog signals to be considered by us.	Confirmed
We understand the requirement is for a complete simplex system: Simplex power supply, controller, communication & IOs. Please confirm.	Confirmed

Clarifications raised during the site visit held on 28 April 2020:

BIDDER's Question	UNDP RESPONSE
The groundwater drainage method.	The dewatering included within the BOQ for the required items by withdraw water with pumps and vehicles
The quantity of excavation works should be transferred out of site and to where	Yes, Out of the municipality borders
The depth of excavation for main pipe to the river	According to the profiles and drawings.