Pre Site Visit Report

ITB-078-20 Upgrade of Al-Dewa Water Treatment Compact Unit to 100M3/hr in Al Nashwa sub-district, Shat Al-Arab District, Basrah Governorate	Date of Site Visit	12/03/2020	Escorted by Military forces?		Yes ☐ No √

Time of Site Visit				
Start	End			
11: 00am	01:00 pm	Eng. Majed Hashim Mashhoot	Sector engineer	End user Directorate of Basra Water Basra Governorate

Names of companies attended	Rep. name	Mobile/Email	Signature
1. Shams Al Hemum company	Mohamed Hassan	07815377786	
2-Eyoon Al Fardan company	Mahmood Ahmed	07809129882	
3-Barakat Al Sama company	Hosni Shayal	07805303774	
4-Ser Al Baraa company	Ali Najem Abood	0776159665	
5- Al Hayat Al Jadedah company	Ali Hamed Hassan	07824962494	
6-Al Shihab Al Abyad company	Mohamed Waleed Amer	07702239207	
7-Shumaisani Company	Mustafa Yaseen Nazal	07801465588	
8-Misendum Company	Mohammed Hasan Hashim	07800000571	
9-Shams Al Homaam company	Ahmed Kadhem Ghadban	077110888815	
10-Handasah Al Tareeq company	Falah Zaibaq Muhawes	07707240069	
11-Madinat Al Yaqoot company	Kasim Abd Al Kadhem Mohammed	07805090904	

QUESTIONS AND ANSWERS During the site visit

No.	BIDDER QUESTIONS ASKED	UNDP RESPONSES GIVEN
1	Bidder asked whether alternative water source will be provided during implementation of the water compact unit.	Yes, alternative water source shall be arranged by the end user based on implementation schedule of activities to ensure continues of water service supplied to citizens and avoid complete shutdown of water delivery during implementation
2	Bidder asked if there is need to install new shade over the alum and chlorine units.	This was not considered as high priority by end-user representative, as currently there is an installed shade in the site location in a good condition with good concrete foundation, which can be used later as a shade for both of the installed alum and chlorine units and this is confirmed by the end user and agreed with UNDP's engineer.
3	Related to item # (1-a) of BOQs the Bidder asked if there is need to decide and fix the two sides of the existed old fence to be demolished to the best length allowed to extend the site area - item # (1-a)	It was agreed to modify the description of item-(1-a) of BOQs for the fence to be extended for 15 m from the side fence adjacent to river and to be extended for 25m from back side in order to mitigate and avoid any potential conflicts from local citizen.
4	During the visit the End-user requested to expand the existed drainage pipeline in line with the extended fence, through providing the Overflow and Drainage Pipeline as new item to add in the BOQs statement of works (SOW):	It was agreed to add new Item # 32 to the BOQs providing the **Overflow and Drainage Pipeline** with detailed description as below: **(**Item #32**) Overflow and drainage pipeline:** Supply tools, material and manpower to connect high density polyethylene HDPE, as overflow and drainage pipeline, excavation of pipe path width 60Cm for pipes (110mm to 350mm) depth not less than 90cm from over the pipe level, work including Pulling and dewatering existing underground water if available. In all (Road crossings) through the work of the trenches must use special machines to regular cutting of asphalts. With a support for excavating walls to prevent the collapse and failure of the soil, back filling 20cm clean sand around the pipe as sand pad, and other backfilling must be in a layers not more than 20cm of Sub-base with a proper compaction and pour reinforced concrete 20 cm using cement resistant and mixing ratio 1: 2: 4 using BRC,10mm2 and then asphalt 5 cm thickness as directed by the municipality. All works shall be completed in according to the technical specifications and guidance of the Supervisor Engineer.
5	Bidder asked whether necessary to renovate and provide maintenance works for the steel structure of the intake in particular the steel floor of the walkway with supply and installing steel handrail	During the visit it was agreed to add new item to renovate Steel Structure walkway of the Intake. The additional item with detailed description has been added to the BOQs as item #33 under the scope of works to perform by contractor. (Item #33) "Supply material, tools and manpower required to renovate the Steel Structure of the Intake and replace the damaged locations of the floor of the walkway using steel checker plate with thickness of 4 mm, with supply and install of a new steel handrail for both sides of the walkway starting from the existed

		walkway until the intake with 30 m length and 1 m height using (I beam) steel type dimension of 12 "and 8" with steel (U channel) dimension of 6 " and Steel angular dimension of 4". All works shall be performed in accordance to the technical specifications and under the instructions of the Supervisor Engineer
5	Bidder requested to reduce the capacity of the new Chlorine Unit type cabinet capacity from 6 to 2 Kg/hr since the new rehabilitated compact unit is with the capacity of 100 m3/hr.	This change was deemed unnecessary as per recommended by engineers of end-user and UNDP since the capacity of the chlorine can be adjusted manually.

Prepared by:
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