



محضر اجتماع: تقديم خدمات استشاريه لتصميم مشروع صرف صحي دورا / الخليل

رقم العطاء: PWA/MofP/2021-013

التاريخ: 2021\6\14

الحضور: كما هو في القائمة المرفقة

Clarification for Questuins raised by the consultant

Q1: Can you provide the consultant with the As-Built Drawings for the implemented sewers of 8-inch diameter sewers implemented in 2007...?

A 1: The As Built drawings for the implemented sewers will be provided to the winner consultant as original file (DWG file) to be use in the hydraulic model

Q2: Are the 600-Road crossings considered as the house connections for the 8-inch implemented sewers or what...?

A2: the 600- Road crossing are the estimated number of house connections of the implemented network. In the financial offer either you calculate the cost per unit or lumb sum of 5 km the same unit price of the 15 km new designed network.

Q3: Is the location of the proposed wastewater treatment plant decided or not?

A3: the land of the proposed location is there. The consultant should verify the exact location of the proposed WWTP within the boundary of the land secured from the municipality for this purpose.

Q4: It is mentioned in the TOR Prepare detailed design for 600 crossing roads lateral connections. Can you please explain more about this? Are these lateral connections related to the existing sewers...?

A4: see A2. Again it is lateral connections from the main pipes implemented.

Q5: Shall the required hydraulic model to be prepared include the 8-inch diameter 8 km sewers implemented in 2007...?

A5: Yes, PWA will provide the as built drawings as DWG to be used in the hydraulic model for the new 15 km network as existing, this is necessary to ensure that the new network could be connected to the existing network.

Q6: Does the topo survey include survey of the implemented 8 km existing sewers...?

A6: the topo survey should include only the new 15 km and the 600 road crossings (estimated 5 km). in case additional survey required, it will be considered as per km length cost.



Q7: Is it required that the consultant shall do lab tests for the quality of the wastewater in order to prepare the design of the Compact WWTP...? If yes, please explain the quality tests required to be handled...?

Q7: No lab test required for the quality of influent, PWA will provide the common used figures from similar projects to all parameters necessary for design of WWTP.

Q8: Can you please let us know if any specific industries exist within the boundaries of Dura City...?

A8: it is assumed that no harmful industrial wastewater to have special care and considerations. But during the topo survey, the consultant should verify this assumption and check with the municipality.

Q9: Is it required to prepare pretreatment facility for the industries within the project boundaries, based on COM decision number 6 of the year 2013...?

A9: if the consultant found during the topo survey, there are some industries considered harmful and need equalization tank or pretreatment unit, all required pretreatment facilities should be designed.

Q10: Does the Consultant require to do any geotechnical investigations for the proposed alignment of the sewers...?

A10: no need for geochemical investigation for the alignment of the sewer line. No cost should be considered in the financial offer.

A11: Is it required to do geotechnical investigations for the proposed locations of the compact WWTP a/o the proposed pump stations if needed...?

Q11: no need for geochemical investigation for the proposed location. In case the consultant recommended it, this will be added as variation order.

Q12: Does the wastewater treatment system required to be designed include the design of any pump stations?

The 15 km proposed network is gravity network. No design for pumping station required. In case there are some locations require pumping, the consultant should propose only the location of the pimping station with estimated Q and H. no detailed design required.

Q13: Is there any proposed location for the wastewater pumping stations in the system?

Q13: see A12

Q14: isit accepted to submit the technical offer and CV's in English

A14: both Arabic and English languages are accepted, but the consultant must sign and stamp the tender documents as provided by PWA.

Q15: is it required to fill all the financial forms provided?

A15: the consultant should fill where applicable. in the forms or fields not applicable, just type NA. Sign and stamp.

Q16: is it required from the consultant to prepare the detailed design of the WWTP?



A16: it is required from the consultant to prepare tender documents of the WWTP. The consultant should prepare the required pretreatment facilities, the specification of the WWTP in term of process and treatment (pretreatment unit, Sedimentation tank, the compact treatment unit, odor control unit, disinfection unit, storage reservoir if needed...etc), the consultant should contact suppliers or manufacturers to describe the required specifications.

END

NOTE: THIS FILE SHOULD BE SIGNED AND INCLUDED IN THE OFFER.

Prepared by: Adel Yasin (Project Manager)

Signature: 