

T/2000865/2019

Consultancy Services for Bousher (B1) Sewer Network Rehabilitation Works Program

SUMMARY OF SCOPE FOR WORK:

The Consultant shall undertake studies and assessments to find out the technical causes of failure of the sewer network (gravity & pressurized) in Bousher B1 area.

The consultant study shall include the causes for failure of the network to operate as designed and subsequently propose solutions to rectify such failures and prepare a practical professional rehabilitation program and if needed an upgradation program for the network, based on the future required estimated capacity, the international standards and Haya Water standards.

The project includes the preparation of an integrated technical study to assess the current sewer network and its technical defects, to develop appropriate solutions and to prepare a schedule with estimated budget of each phase of the proposed execution plan.

The rehabilitation/ upgrade program for the network could be divided into three or four phases, if required. In which; Phase I will include at least, all the critical correction, rehabilitation & upgrade works, needed to be done urgently in the network.

The consultant should prepare the detailed design, drawings, scope of works and tendering documents to employ a Contractor (only for phase I), and detailed concept design for other proposed phases. Phase 1, should include 18th November Street sewer main line and manholes rehabilitation works program.