

**REQUEST FOR PROPOSALS "RFP" NO. PS20180948  
CONSULTANT FOR TRENCHLESS SEWER DESIGN**

**QUESTIONS AND ANSWERS NO. 1**

ISSUED ON JUNE 7, 2018

Q1	Has the City completed a class A subsurface investigation in the area of the proposed trenchless installation? I am particularly interested in a LIDAR survey of the water chamber, and a multi-channel GPR subsurface investigation. These will be important for such a trenchless endeavor.
A1	<p>The only geotechnical investigation that has been completed is part of the attached Geotechnical Report. No LIDAR or GPR has been done. Please propose additional investigation as part of the proposal.</p> <p>The water valve chamber corners were exposed and surveyed, and are shown in the IFC drawing. The bottom of the chamber was not exposed as part of that work but is based off of information provided by Metro Vancouver.</p>
Q2	Has the City provided the current design alignment to Metro Vancouver for review/comment? I'm concerned that they will not support the proposed pipes going under their water chamber and the whole exercise will need to be redone. If the City hasn't, can the City please do so right away?
A2	<b>The City has obtained approval from Metro Vancouver to go ahead with a trenchless excavation method under their valve chamber for the current alignment.</b>
Q3	Will the City consider entertaining (as an alternate) a shift in the alignment around the water chamber with an open cut the installation? By doing so remove/replace the existing 150 watermain and provide structural supports over the enlarged trench for the gas and the Metro watermain. The goal being to minimize the unknowns and dealing more with what is known.
A3	<b>This has been considered but was deemed not feasible due to cluster of City and third party utilities in the area. Separation distances between utilities and the trench walls must also be maintained and this is not possible without compromising pipe size.</b>
Q4	Do all subconsultants need to fill out Appendix 7 about Corporate Sustainability, or just the lead consultant?

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A4	Only lead Proponents should submit APPENDIX 7 Corporate Sustainability Leadership Questionnaire with their Proposal.
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