

REQUEST FOR PROPOSAL "RFP" PS20181790  
SOUTHLANDS DRAINAGE STUDY

QUESTIONS AND ANSWERS NO. 1

ISSUED ON Feb 8, 2019

Q1	Can you provide a link to the Musqueam Integrated Stormwater Management Plan Study (assuming its complete)?
A1	This document is not finalized.
Q2	What level of detail is the City seeking for recommendations for the McCleery and Blenheim Flats pump stations - just capacity and Class D cost estimate, or something more detailed? The RFP states "pump recommendation" which is only one very small piece of information associated with a full station rebuild. What amount of information is available for the existing stations - electrical, pump capacity curves, etc.? Has the City already made a firm decision that the McCleery PS needs full "replacement" and "upgrades" to the Blenheim Flats PS, or does our scope include a full assessment with optimum recommendations for upgrade (retrofit) or full replacement? We also note the RFP asks for pump station recommendations for McCleery early in the process, likely in advance of design flows being available. What are the early decisions that need to be made and what level of precision is being sought? Presumably the recommendations would be refined as the study evolves?
A2	<p>For the McCleery PS, we're looking for a concept design and a Class C cost estimate. This pump station needs a replacement as the current pump is rented equipment temporarily installed within the original pump house at the outlet to the Fraser River. Both the temporary pump and the original failed pump were field fit based on available equipment. They were not designed by an engineer. The early preliminary decisions on the replacement can be refined as the study evolves. The early recommendations for the McCleery PS should include a Class D cost estimate which is then refined to a Class C estimate as the study progresses. The Class D estimate for McCleery PS is needed for preliminary capital budget planning at the City.</p> <p>Although the Blenheim PS is an old facility from 1980, it is reliable and likely can be retained for continued use. The City has the original pump curves for the station and some record drawings for the pump and chamber. The City anticipates the Consultant to complete an assessment of the current Blenheim PS and recommend upgrades to the facility which may include but is not limited to expanding the forebay and/or increasing the existing pumping capacity. Class D cost estimates are appropriate for these recommendations.</p>

Questions and Answers NO.1

Q3	What are the expectations of the comprehensive public engagement strategy? The RFP scope appears limited to a technical memo to notify ahead of field work. Please elaborate on our role versus the City's role in engaging the community.
A3	The Consultant should expect to conduct two (2) public open houses plus one (1) small-group meeting. The City will inform the Ratepayers Association with the initiation of the study and a small-group meeting may be needed with the Consultant. Proponents are welcome to include additional public engagement activities/methods that they have found effective in past projects.
Q4	Does the City have particularly objectives and expectations for the surface flow modeling referenced in para. 2 of Task 6? What specifically is the City wishing to understand from it? Is the City seeking floodplain mapping? And given the uniqueness of the area, does the City have a flood protection performance criteria committed too?
A4	Due to the flat topography of the study area, flow in ditches often spill across roadways and can flow across private properties. We're interested in the overland flow routing of these flood waters. At present, we do not have a performance criteria or level of service commitment for stormwater management.
Q5	What level of accuracy is expected in the cost estimates - Class D?
A5	Class C cost estimate is needed for McCleery pump station. All other cost estimates can be Class D.
Q6	The RFP does not explicitly ask for a geometric survey of the culverts and ditches. Does the City expect one that the City would then use to update their GIS database with, or only field work to the extent required for the study?
A6	Depending on cost and project schedule, geometric survey of the culverts would be preferred. Proponents can provide the basic field investigation for the study with an option for a geometric survey.
Q7	What department is leading this study and who will be the project manager?
A7	Sewer & Drainage Design Branch of Engineering Services.
Q8	Can you please also clarify if and what drainage infrastructure within the Point Grey Golf Course and McCleery Golf Course should be included in the assessment. We understand that any trunk drainage infrastructure that interfaces with the residential areas will need to be studied, but is the local drainage systems within the golf courses also to be explored. If so, are there any records of those systems?
A8	Assessment of the drainage systems within the golf courses are not expected to be within the scope of this study.