

**REQUEST FOR PROPOSALS "RFP" NO. PS20181234  
CONSULTANT FOR NEU EXPANSION**

**QUESTIONS AND ANSWERS NO. 3**

ISSUED ON FEBRUARY 4, 2019

<b>Q1</b>	Please provide pipe sizes and lengths for each phase of DPS in this project.
<b>A1</b>	<p>Assume the following pipe lengths (in trench meters) and diameters (in inches):</p> <ul style="list-style-type: none"> <li>~320 meters of 10" for pipe on Quebec street between 3<sup>rd</sup> to 6<sup>th</sup> avenue</li> <li>~180 meters 8" pipe on 3<sup>rd</sup> avenue to building J</li> <li>~120 meters 8" pipe on 6<sup>th</sup> avenue to building E</li> <li>~90 meters of 3-4" pipe to building G</li> <li>~50 meters of 4" pipe to building A</li> <li>~60 meters of 6" pipe to building B</li> <li>~20 meters of 4" pipe to building L</li> <li>~350 meters of 8" pipe for Innovation Hub (Design only)</li> </ul> <p>Service connection sizes to be established based on building capacity requirements but typically require ~10 meters of pipe and are between 2.5-4" diameter</p>
<b>Q2</b>	Are there established utility corridors for the DPS scope in this project?
<b>A2</b>	No - corridors will be established with the 25% design set
<b>Q3</b>	Please provide the total DPS length and number of ETS for the Hydraulic Model of System Expansion (not including the existing hydraulic model). If this is not known, please provide a suitable assumption for the purposes of this proposal.
<b>A3</b>	<p>The hydraulic model has all pipe and ETS's up to date based on current information (see attached map). Updates will include:</p> <ul style="list-style-type: none"> <li>- Refining building capacity requirements as it becomes confirmed (currently just based on EUI's)</li> <li>- Updating DPS alignments and extending to any new opportunities</li> </ul>

REQUEST FOR PROPOSALS "RFP" NO. PS20181561  
CONSULTANT FOR CAMBIE BRIDGE REHABILITATION

QUESTIONS AND ANSWERS NO. 3

	<p>(assume 200 meters)</p> <ul style="list-style-type: none"><li>- Incorporating new opportunities (assume 2 ETS's)</li></ul> <p>The larger component will be identifying ideal locations for future energy capacity based on how that impacts overall system hydraulics.</p>
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