

**INVITATION TO TENDER "ITT" NO. PS20180805  
CONSTRUCTION SERVICES FOR TRENCHLESS SEWER**

**QUESTIONS AND ANSWERS NO. 1**

ISSUED ON SEPTEMBER 12, 2018

Q1	I reviewed the above mentioned tender documents and just want to confirm if the length of tunnels are only 18.9 M and 17.5 M.
A1	The tunnels are currently designed at 17.5m for the 450mm sanitary and 18.9m for the 1500mm storm. To further clarify, the south end of the trenchlessly installed sanitary main needs to end at station 1+04.5 to accommodate the future manhole (by City forces). The north end stationing of that line, and the stationing of both ends of the storm line are more flexible. The contractor is free to propose alternate ending stations that may be more efficient with their method of construction. The ends must be left in positions accessible to City crews to tie in future mains.
Q2	Can you confirm the separation is from the existing 900ST with the proposed 450 & 1500 lines?
A2	It is expected that the 450mm sanitary main will directly beneath, and have about one meter clearance between, the existing 900mm combined main. It is expected that the 1500mm storm main will have about 200mm clearance, below and east of the existing 900mm combined main. As noted on the drawing, the contractor is to verify the location, invert, and size of all existing services prior to construction and inform the engineer of any discrepancies.