

**INVITATION TO TENDER "ITT" NO. PS20180617
CONSTRUCTION OF SEWER AND WATERWORKS RENEWAL - VANCOUVER WEST
PACKAGE NO. 2**

QUESTIONS AND ANSWERS NO. 3

ISSUED ON JUNE 1, 2018

Q1	W.39th Ave a. Conflict exists between Pay Item Description A1.202 Surface Restoration "W.39th Ave ..Trafalgar to Lane E/O Trafalgar - TEMPORARY" vs Detail (DB3747-SE1) as PERMANENT??
A1	Restoration of concrete pavement on W39th between Trafalgar and Lane East of Trafalgar is temporary trench restoration as per MF137-AE-5 of the CoV Street Restoration Manual.
Q2	W.42ND Ave a. Detail "G" says to replace extg M/H ED1, would this be with a 1200mm M/H??
A2	MH ED1 is a 1200mm Manhole.
Q3	Blenheim Sewer (DB3462C) & W.43rd Ave a. If M/H D1B is 2400mm, shouldn't M/H D1A be 2400mm as well, 1800mm is a little small to connect a 1200mm pipe ??
A3	MH D1A is an 1800mm diameter cast in place manhole. MH D1A is specified with an 1800mm diameter to allow for clearance from other underground infrastructure located near MH D1A.
Q4	W.43rd Sewer (DB3462C) - Blenheim to Collingwood a. If M/H D1 is 1500mm, shouldn't M/H's D2, D3, D4 be 1500mm as well??
A4	MH D2, MH D3 and MH D4 are 1350mm inside diameter manholes with cast in place bases. The successful tenderer may submit detailed requests for the substitution of cast in place manholes D2, D3 and D4 with larger diameter pre-cast manhole bases for consideration by the Engineer. Precast bases approved by the Engineer will be acceptable.

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Q5	CoV M/H Castings selling prices for inclusion in our tender price??
A5	<p>The following castings required for these project works may be picked-up by the Contractor from the City of Vancouver Central Stores. The City will furnish these items at no charge to the Contractor. Contractor to co-ordinate pick-up of these materials with the Engineer.</p> <ul style="list-style-type: none"> • Manhole Frame No. 13 • Manhole Cover No. 2 (Sanitary) • Manhole Cover No. 2 (Storm) • Manhole Extension Ring for Frame No. 13 / Cover No. 2: <ul style="list-style-type: none"> ○ 1.5 inch ○ 2.0 inch • Catchbasin Frame No. 30 • Catchbasin Grate No. 31 • Catchbasin Trapping Hood • Catchbasin Trapping Nails • Catchbasin Manhole Donuts
Q6	CoV Catch Basins (stone & castings) selling prices for inclusion in our tender price??
A6	See A5
Q7	<p>W.39th Ave</p> <p>a. Please provide Extg flows on the 750mm Combined (Trafalgar) for by-passing??</p> <p>b. Please provide Extg flows on the 200mm Sanitary (Lane) for by-passing??</p>
A7	Pipe flows for by-pass pumping are contingent on the contractor's construction methodology and timing of the works.
Q8	<p>W. 42nd Ave</p> <p>a. Please provide Extg flows on the 525mm Storm (Collingwood) for by-passing??</p> <p>b. Please provide Extg flows on the 450mm Storm for by-passing??</p>
A8	Pipe flows for by-pass pumping are contingent on the contractor's construction

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	methodology and timing of the works.
Q9	<p>W.43rd Ave</p> <p>a. Please provide Extg flows on the 250mm Sanitary (Blenheim) for by-passing??</p> <p>b. Please provide Extg flows on the 675mm Storm (Blenheim) for by-passing??</p> <p>c. Please provide Extg flows on the 600mm Combined for by-passing??</p> <p>d. Please provide Extg flows on the 250mm Sanitary (Collingwood) for by-passing??</p> <p>e. Please provide Extg flows on the 675mm Storm (Collingwood) for by-passing??</p>
A9	Pipe flows for by-pass pumping are contingent on the contractor's construction methodology and timing of the works.