

**INVITATION TO TENDER "ITT" NO. PS20171180
VANCOUVER LANDFILL ENTRANCE UPGRADES, MAIN WORKS**

QUESTIONS AND ANSWERS NO. 1

ISSUED ON June 08, 2018

Q1	Quick question for you regarding the landscaping on this project. In the schedule of quantities and prices it lists item 2.35 - 10 trees, and 2.36 - shrub and ground cover. However there is no description of size or what kind of trees and shrubs you want. Can we get a description for those?
A1	The Excel spreadsheet referred to in Schedule A - Schedule of Quantities and Prices has been amended and can be found on the FTP for Tenderers. The amended Excel spreadsheet is titled Schedule A - Schedule of Quantities and Prices - Landfill Entrance Upgrades_V2. Items 2.35 "trees" and 2.36 "shrubs" have been removed from the Schedule of Quantities.
Q2	We would like to request a 2 week extension on the tender deadline for the landfill project.
A2	Please refer to Addendum No. 2
Q3	In the schedule of quantities and prices under item 2.27 - painted pavement markings is listed as 1 lump sum. However I wasn't able to find it listed anywhere in the drawings. In the "General line painting and signing notes" under 2. it says "unless otherwise noted, all pavement markings are to be as per MMCD 2009 section 321723 utilizing thermoplastic paint" . This makes me think that there is no regular paint to be used at all but its included in the tender pricing. Please advise.
A3	The Excel spreadsheet referred to in Schedule A - Schedule of Quantities and Prices has been amended and can be found on the FTP for Tenderers. The amended Excel spreadsheet is titled Schedule A - Schedule of Quantities and Prices - Landfill Entrance Upgrades_V2. The intent is for all pavement markings to be thermoplastic pavement markings as per item 2.28. Item 2.27 has been removed from the Schedule of Quantities.
Q4	Drawing C2001 calls out the proposed keynotes 56 and 59 which list the sidewalk as ecoflex. However on C3002 and C3007 call out the same are as concrete sidewalk only. Which is correct?
A4	Drawings C3004 shows the correct limit of ecoflex sidewalk. All other sidewalks

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	are concrete. Drawing C2001 will be amended to match C3004 as follows: Item 56 to say "Concrete Sidewalk with Rollover Curb", Item 59 to be repositioned.
Q5	We are having trouble figuring out which concrete slabs are which thickness. Items 2.6 and 2.7 list reinforced concrete slabs of 200mm and 150mm thickness, respectively. The concrete slab next to the retaining wall east extension are clear in their thickness of 150mm however, the slabs next to the existing wall does not indicate thickness of the slab. Is there a known thickness of that the city wants for that area?
A5	The slabs on the top of the wall, in both the existing customer drop off area, and in the new drop off area, are to be 150mm thick slabs. The slab at the bottom of the wall is to be a 200mm thick slab. Drawings C3004 and C3005 will be amended to this affect. Drawing S6001 will be amended to show the 200mm thick bottom of wall slab.
Q6	Drawing 3002 calls out an area next to the concrete apron as the concrete sidewalk. However there is no specification for whether this thickness should be 150mm or 200mm. Unless this is a separate pay item in which case what item should we place it under?
A6	Item 2.4 "Concrete Driveway Crossing" to be amended to "Concrete Sidewalk (MMCD C3)" and cover all concrete (non ecoflex) sidewalks and shall be MMCD C3 Concrete Sidewalk.
Q7	Under items 3.9 and 3.10 it lists storm pipes of diameters 250mm and 150mm. However not only are there no 250mm pipe in the drawings or on the list of pipe on C5002 but there are also pipes of diameter 300m, 375mm, 450mm, and 100mm which don't have any pay items on the schedule of prices and quantities. Please advise.
A7	The Excel spreadsheet referred to in Schedule A - Schedule of Quantities and Prices has been amended and can be found on the FTP for Tenderers. The amended Excel spreadsheet is titled Schedule A - Schedule of Quantities and Prices - Landfill Entrance Upgrades_V2.
Q8	Building painting - documents state existing scale house and operations shelter to be repainted. Drawings show maintenance building to be repainted.
A8	Only the existing scalehouse and existing operations shelter to be repainted as per Specifications and Drawing C3004. Drawing C3000 to have erroneous note deleted.
Q9	Will a revised quantity for preload removal and lock block removal be provided?
A9	Yes, the removal of preload is a provisional item. Revised quantities will be provided before contract execution.

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Q10	Is there a gradation on the preload material and could it be considered consistent?																		
A10	<p>The preload material has the following gradation curve for 5mm to 25mm Clear Crush Gravel.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">5 mm to 25 mm Clear Crush Gravel</th></tr> <tr> <th>Sieve Size</th><th>% Passing (by Weight)</th></tr> </thead> <tbody> <tr> <td>25 mm</td><td>100</td></tr> <tr> <td>20 mm</td><td>75 - 100</td></tr> <tr> <td>16 mm</td><td>50 - 90</td></tr> <tr> <td>12.5 mm</td><td>35 - 75</td></tr> <tr> <td>10 mm</td><td>10 - 50</td></tr> <tr> <td>5 mm</td><td>2 -40</td></tr> <tr> <td>2.5 mm</td><td>0-2</td></tr> </tbody> </table>	5 mm to 25 mm Clear Crush Gravel		Sieve Size	% Passing (by Weight)	25 mm	100	20 mm	75 - 100	16 mm	50 - 90	12.5 mm	35 - 75	10 mm	10 - 50	5 mm	2 -40	2.5 mm	0-2
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Q11	Due to possibility of contamination and varying material, can the Common Excavation be disposed onsite at the landfill? No tipping fee.																		
A11	The Landfill can accommodate disposal of these materials as directed by the City.																		
Q12	Can hard surfaces, ie asphalt and concrete, be disposed at the landfill? No tipping fee.																		
A12	See above answer to Q11.																		
Q13	Can asphalt millings be stockpiled and/or spread on existing roads at the landfill?																		
A13	See above answer to Q11.																		
Q14	Can miscellaneous removals (ie gates, shelter, utilities, and signage) be disposed																		

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	at the landfill appropriately? No tipping fee.
A14	See above answer to Q11.
Q15	Can the canopy be bolted together as the welded version doesn't permit for galvanizing
A15	The central joint that has the welded connection needs to have a fully penetrated weld. To perform the weld the galvanizing can be removed locally at the joint and be touched up with zinc rich paint following the welding.
Q16	Are signs supplied by CoV?
A16	As per Drawing C4002, standard MUTCD/BCMOTI signs are to be supplied and installed by the Contractor. Custom signs shall be supplied by the City of Vancouver and installed by the Contractor.