

INVITATION TO TENDER "ITT" NO. PS20210810
CONSTRUCTION SERVICES FOR BERM AND DITCH REPAIR - VANCOUVER LANDFILL

QUESTIONS AND ANSWERS NO. 2

ISSUED ON JULY 8, 2021

Q1	Schedule of Quantities and Prices, Item 3.05 - The proposed maintenance road to be constructed above the leachate pipe does not appear to have a connection to the existing road on the drawings. Is it intended that an access connection at one end (or both ends) of the maintenance road will be required? If so, please provide details of the proposed connection.
A1	The Maintenance Road shall be connected to existing roads in the future where topography allows for a more reasonable connection pathway as the culvert is eventually extended (not part of this scope of work). The Contractor may elect to construct temporary access to the Maintenance Road to facilitate construction. Temporary access road(s) are expected to be reclaimed and original site conditions restored.
Q2	Schedule of Quantities and Prices, Item 2.01 - Please provide anticipated leachate flow volumes that will require diversion/bypass during culvert installation.
A2	Leachate flow volumes will depend on time of construction and seasonal conditions (rain or drought). It is likely to be extremely low (if it all) if construction is completed within the specified schedule. However, the contractor shall make provisions to accommodate leachate diversion throughout the construction process for which leachate volumes may vary greatly depending on factors stated above.
Q3	Schedule of Quantities and Prices, Item 2.02 - Please provide stockpiling location for this material so trucking costs can be adequately calculated.
A3	As per Schedule 2 - Specifications, Item 2.02 - "All labour, equipment and materials required for removal, hauling, and stockpiling existing 3" clear crushed gravel. <i>Stockpile area will be established by the Engineer as best suited for owner's needs.</i>" Currently the stockpile location has not yet been identified. For pricing purposes, assume stockpile location at the CITY OF VANCOUVER STOCKPILE AREA (DWG 002).
Q4	General Inquiry - Aggregate Materials - The drawings call out 19mm minus and 100mm minus crushed concrete products for the road surface and base respectively. Are these materials available for purchase at the landfill? Please also confirm that the "19mm Minus General Fill" called out on Drawing 102 is intended to be an imported 19mm minus pipe bedding and surround/crushed granular base type of product.

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A4	<p>As per Schedule 2 - Specification, Item 4.01 - “Also, includes all cost associated with the removal of test pit excavated material and replacement with minus 19mm crushed gravel. <i>Also includes all labour, equipment and materials required to <u>supply</u> and install minus 19mm crushed gravel as replacement for excavated peat</i>”.</p> <p>19mm Minus General Fill shall comply with the gradation curve provided on DWG 106 and applicable specifications noted on DWG 107-108.</p>
Q5	<p>General Inquiry - Aggregate Materials - Please provide a specification for the aggregate material shown in a zone approximately 20cm thick between the high tensile geotextile and existing ground/subgrade. It appears to be different than the pipe bedding/surround/backfill material.</p>
A5	<p>The aggregate between the high tensile geotextile and existing ground/subgrade is the same general pipe bedding material (19mm minus general fill).</p>
Q6	<p>Peat Finishing Layer on Center Berm - Please advise if it is acceptable to use the peat from subexcavation in the leachate culvert trench for the 200mm peat finishing layer on the center berm. If sufficient volume is not generated from the trench excavation, are there peat materials stockpiled on site and available for use/purchase?</p>
A6	<p>The peat generated from the leachate ditch subexcavation is expected to be heavily contaminated and therefor not suitable for use as finishing layer. At this time, there are no available peat stockpiles for use on site. The Contractor shall make provisions to import peat to site for this finishing layer. However, if peat material comes available prior to or throughout the construction of the leachate ditch culvert, the Contractor will be notified.</p>