

INVITATION TO TENDER "ITT" NO. PS20181272
GENERAL CONTRACTOR FOR CONSTRUCTION OF SMITHE AND RICHARDS PARK

QUESTIONS AND ANSWERS NO. 5

ISSUED ON September 5, 2018

Q1	<i>Specifications and Addendum No. 1 Section 05 12 33, clause 2.4.2 - please clarify if the intent is that only Division 1 steel fabricators are eligible to bid on structural steel and miscellaneous metal works.</i>
A1	Specification Section 05 12 33, clause 2.4.2 states; "The Contractor shall produce evidence that the plant is currently fully approved by the CWB to the requirements of CSA W47.1, Division 1 or Division 2 prior to beginning the work."
Q2	<i>We have reviewed revised stair design as per Addendum # 2 and cannot confirm how stair riser will support itself. Is there a gusset in order to support the tread itself located between the "pre drilled angle to form riser" and "steel angle welded to HSS Stringer"? Will the wood need to be mitered to sit up to the steel riser? Please advise.</i>
A2	See Addendum No. 4 for revised drawings A523 & A524. Detail annotations have been clarified with language to clearly identify the gussets that are required to support the stair risers. No, the wood need not be mitered. It can be tilted into place and inserted beneath the riser plate.
Q3	<i>Numerous steel fabricators have advised that they are concerned regarding availability of structural steel sizes specified. Some of the Specified members are almost unobtainable as they are not available anywhere in the Lower Mainland. They are referred to as "Chicago Sizes" meaning they will be made in the States and then delivered to Canada with a 25% tariff. Examples are:</i> <i>1 - HSS 406 x 203 x 12.7 - Chicago Size (+25%) - Delivery date Unknown : Lookout Supports</i> <i>2 - HSS 356 X 13 - Chicago Size (+25%) - Delivery date Unknown : Lookout Frame Supports</i> <i>3 - HSS 406 X 305 X 15.9 - Chicago Size (+25%) - Delivery date Unknown : Skyframe Beams and Columns</i> <i>We have also been advised that there are no alternatives to sizes listed above. Pipe/HSS suppliers only stock up to HSS305. Everything over 305 will be mill</i>

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	<i>ordered, and because there is not enough quantity, the price per pound is more than double of the regular stock HSS. Steel fabricators are concerned steel components as specified will be extremely expensive and are unsure what to do.</i>
A3	The design team is aware that the large HSS sizes specified for the project are not available locally and likely need to be mill ordered and imported. Smaller sizes that are locally available are not acceptable where the larger sizes are shown on the drawings, and the bidders should include for the cost and schedule implications of obtaining the steel sizes and material grades shown on the drawings.
Q4	<i>Please confirm if the gridlines shown on drawings L9.62 and L9.63 are correct. If not, please issue revised corrected drawings.</i>
A4	See Addendum No. 4 for revised drawings L9.62 and L9.63.
Q5	<i>Is the entire back lane to be repaved as per specifications or only areas affected by new construction?</i>
A5	To clarify, the full width of the lane south of the proposed development, extending to the Smithe St. intersection, is to undergo full road reconstruction as part of this contract. See extent of works on WSP Drawings KEY PLAN (Sheet 1 of 3) and ROADWORKS - LANE (Sheet 3 of 3).
Q6	<i>Drawing E103, E104 - Panel schedule and any details for panel 6BM1 are missing from electrical drawings- please provide.</i>
A6	Panel 6BM1 is only being utilized to sub-feed transformer 'TX-BP1' - see single-line diagram for breaker size. Panel 6BM1 is also for future provisions should the park require 347/ 600V equipment to be powered or if any mechanical equipment cannot be supplied at 208V as specified. Panel 6BM1 is 600V-400A-42CCT per SLD.
Q7	<i>Drawing E104 - Panel 21P1 note indicates to see drawing E103 for requirements. Does this refer to the physical size only or are there more breakers required than is shown on the schedule?</i>
A7	Note beside Panel '21P1' is in reference to number of circuits only. Provide 72 circuit panel minimum. Only breakers as shown on E104 are required, circuits 29 to 72 are to be empty for future.
Q8	<i>Drawing E103 - Single Line Diagram - Park shows a CDP-6BP panel with breakers; Detail 6, same drawing shows splitter and all disconnect switches; Note 1, drawing E102 indicates a main breaker, not a disconnect switch. Please clarify.</i>
A8	Provide CDP c/w breakers. No splitter + disconnects will be permitted - Detail 6 to be ignored/superseded by CDP option.

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Q9	<i>Drawing E100, note 14 indicates we must provide 1 – 103mm DB2 c/w pull string from existing BC Hydro conduits (note 13) to new EV Kiosk. Drawing E103, detail 2 indicates we are to provide the conduit and wiring. Please clarify.</i>
A9	To be treated as typical BC Hydro service where BC Hydro utilizes contractor provided conduit + pull string to pull in BC Hydro supplied conductors. If CoV provides kiosk (owner supplied equipment) prior to project completion, then this contractor is to coordinate with BC Hydro to have main service cabling installed and terminated. Allow for secondary service grounding at kiosk as required by BC Hydro and all applicable BC Hydro service connection fees.
Q10	<i>For our visualization and planning purposes, we would like to request for the project models for all disciplines.</i>
A10	The model may be made available after award of contract to the successful bidder. It would require a BIM agreement to be made by The PIC and BIM Lead.