

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

QUESTIONS AND ANSWERS NO. 8

ISSUED ON September 14, 2018

Q1	<p><i>Following items are in the precast spec 03 41 43. Please confirm if these are meant for this project.</i></p> <ol style="list-style-type: none"> 1. <i>Duct & void materials (clauses 2.2.6 & 2.4.5) which are not present in the drawings</i> 2. <i>Camber Hubs are mentioned in clause 2.4.8</i> 3. <i>Sandblasting of shear keys, diaphragm and girder end voids in clause 2.4.13. None shown in the drawings. Is sandblasting of grout pockets around lifting points meant instead?</i> 4. <i>We assume all the connection steel shown on A528, S6.09 are to be Hot-Dip Galvanized per clause 2.2.8.</i>
A1	<p>See Addendum No. 5 for revised Specification 03 41 43.</p> <ol style="list-style-type: none"> 1. Section removed 2. Section removed 3. Section removed 4. Coating requirements for embedded steel plates at concrete piers are given on drawing S6.09, drawing A521, and clarified Q&A No. 3.
Q2	<p><i>Can you please indicate which walls require Skate Stops? It states "all" in the details, but some locations wouldn't make sense or have a need for skate stops - i.e. Water feature walls, walls with railings on both sides, etc.</i></p>
A2	<p>Please refer to L2.01 for location of skate deterrents. (See Addendum No. 5 for revised Drawing L2.01)</p>
Q3	<p><i>Detail L6/9.80 Calls for Root Barrier. It is not in the specs nor is there a call out in the legend or on plan. Please advise.</i></p>
A3	<p>The Materials Plan Notes references the root barrier where tree planting meets paving. Refer to Section 32 93 10 for product.</p>
Q4	<p><i>I have couple questions regarding roof assembly R1 - Green Roof and R2 - Canopy Roof.</i></p> <ol style="list-style-type: none"> 1. <i>Drawing A002, roof assembly R1 Green Roof shows 2 ply SBS membrane on the concrete deck. However, the detail 1/A810 shows 2 ply SBS on protection board on the top of concrete deck. Please clarify.</i> 2. <i>Drawing A002, roof assembly R2 Canopy Roof shows XPS insulation (slope to roof drain) on steel deck, then 2 ply SBS membrane. However, the</i>

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	<i>detail 1/A811 shows 2 ply SBS membrane on the protection board, then sloped XPS insulation on the top of SBS membrane. As the sloped XPS insulation is a special order item. Can we change to the flat XPS insulation on the top of 2ply SBS as there is a structural sloped deck?</i>
A4	See Addendum No. 5 for revised Drawings A002, A810, A811, A812. <ol style="list-style-type: none"> 1. Protection Board not required over Concrete deck, revised info attached. Refer to A810, A811 & A812 2. Additional XPS will be required to provide appropriate roof slope. Refer to A810, A811 & A812
Q5	<i>We would like to clarify that some of the footings as marked as attached will be higher than the existing grade by 150 - 860mm. This does not match with the pile details shown on structural drawing S0.04. Please clarify.</i>
A5	Detail F50 on drawing S0.04 shows the final grade. Footings noted on the structural drawings are founded compact to dense native soil or structural fill acceptable to the geotechnical consultant.
Q6	<i>What is a finish for precast concrete piers - V Columns? As per Note on A527 - "Finished surface at Pier locations varies see landscape for details and buildup"</i>
A6	As per Note on A527 -"Finished surface at Pier locations varies see landscape for details and buildup" Finished surface at pier refers to the finished landscape grade at the base of the pier, not the pier itself. The condition of the base of the pier varies.
Q7	<i>Please provide model numbers for the door hardware required, a "lock set" can be office, storeroom, classroom or other functions.</i>
A7	Refer to Public Washroom Design Guidelines Section 2.5.5 for further information. (See Addendum No. 5 for revised Drawing A003).
Q8	<i>What standard is to be used for the hardware, does Vancouver Parks have a standard that needs to be followed?</i>
A8	Refer to Public Washroom Design Guidelines Section 2.5.5 for further information. (See Addendum No. 5 for revised Drawing A003).
Q9	<i>What grade of hardware and finish is required, normally shown in the door hardware specification?</i>
A9	Refer to Public Washroom Design Guidelines Section 2.5.5 for further information. (See Addendum No. 5 for revised Drawing A003).
Q10	<i>What kind of keying is required, normally shown in the door hardware specification?</i>
A10	Refer to Public Washroom Design Guidelines Section 2.5.5 for further information. (See Addendum No. 5 for revised Drawing A003).
Q11	What kind of hinges are needed, there are none shown? Are they owner supplied?

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A11	Refer to Public Washroom Design Guidelines Section 2.5.5 for further information. (See Addendum No. 5 for revised Drawing A003).
Q12	<i>Are door stops needed? Are they owner supplied?</i>
A12	Door stops to be provided by Contractor. Refer to Public Washroom Design Guidelines Section 2.5.5 for further information. (See Addendum No. 5 for revised Drawing A003).
Q13	<i>Fire rated doors needs door closers, but none are shown as required, are they owner supplied?</i>
A13	Where Fire rated doors are required, please provide S/S door closers accordingly. (See Addendum No. 5 for revised Drawing A003).
Q14	<i>Refer to Section 05 05 19 -1.3: We would like to know which AESS level {3 or 4} we should specifically allow for the: bridge trusses; bridge guardrails & skyframes?</i>
A14	Please use AESS Level 3.
Q15	<i>Can you please ask the mechanical consultant to review the specification and selection for WC-1? Mechanical Schedules attached. The schedule calls for a dual flush low consumption in-wall tank. The model number corresponds with a wall mounted toilet C/W a flush valve, this would require the water piping to be re-sized. To our knowledge, Acorn does not supply a vandal resistant water closet with an in-wall tank."</i>
A15	Revisions are as follows: M001 - modified water closet specification - due to product type availability. M200 & M201 - modified Reuse Water line sizes in order to match revised water closet requirements. (See Addendum No. 5 for revised Drawings M001, M200, and M201).
Q16	<i>Drawing A003 details 1 and 2 can you confirm that W1 and W2 are labelled correctly, when also comparing to A211? Seem to be the wrong way round?</i>
A16	Window references revised. (See Addendum No. 5 for revised Drawing A003).
Q17	<i>Ref drawings A002, A211, A510 and A511 - Please confirm if the Café floor is future TI or included in this bid. If included in this bid, please clarify floor finishes and flooring build-up / flooring assemblies to all rooms. Please confirm if drywall is to be priced in this bid as well.</i>
A17	Café floor is to be included in bid. Refer to A412 for Floor Tile Spec. Drywall is also to be priced accordingly. All dwg items referenced should be included in bid.
Q18	Questions from our glazing subcontractor: 1. Drawing A003, Detail 2 - Please clarify if the doors are structurally glazed doors with glass butt joints as drawn. Detail Plan shows exposed Aluminum Frame Doors. Which is correct?

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	2. Drawing A813, Detail 3 - Please clarify the finish/colour of the door stile and sub-frame both interior and exterior. Doors can only have one tone colour.
A18	1. Doors to be Glass Butt jointed SSG within overall glazing system. 2. The colour of the door stile and sub-frame for interior and exterior is to be black.
Q19	<i>Drawing E101, Note 8 refers to installing "piano wire" across the spans of the Skyframes 6" above catenary cables for fixture type G. There's no information we can find for installing it, or what gauge wire is to be used, etc. Please advise.</i>
A19	See Addendum No. 5 for Specification 10 81 13 - Bird Control Devices, for birdwire deterrent product.
Q20	<i>Specification section 05 95 43 - Bridge Bearings, we do not seem to find bridge bearings on the drawings. Please advise where these bearings are required.</i>
A20	Section 05 95 43 has been deleted (see Addendum No. 5.
Q21	<i>On Q&A # 3, A45 states that the Park Board will pay for some metered parking on Richards. Please clarify this. It is our estimation that ALL metered parking on Richards will be required along the entire length of the site during the entire construction schedule. This will be for laydown area, site offices, concrete pours, etc. This is above and beyond required travel lane closures required for oversized deliveries (such as bridge components). Please advise.</i>
A21	It will be the responsibility of the contractor to propose the extent of proposed parking closures within their traffic management plan. Park Board can get the parking meters bagged pretty quickly if needed, but need to know the extent and proposed timeline beforehand.
Q22	<i>Can Concorde Glazing Systems 2500SSG Series Curtain Wall be used as an alternate to Stella Glass?</i>
A22	No, this item has not been approved as an alternate.
Q23	<i>On Q&A # 3, A45 states that the Park Board will pay for some metered parking on Richards. Please clarify this. It is our estimation that ALL metered parking on Richards will be required along the entire length of the site during the entire construction schedule. This will be for laydown area, site offices, concrete pours, etc. This is above and beyond required travel lane closures required for oversized deliveries (such as bridge components). Please advise.</i>
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