



**PURCHASING SECTION**  
13450 – 104 Avenue, Surrey, BC V3T 1V8  
Tel: 604-590-7274  
E-mail: [purchasing@surrey.ca](mailto:purchasing@surrey.ca)

**ADDENDUM No. 2**

---

**REQUEST FOR QUOTATIONS No.:** 1220-040-2017-012

**TITLE:** SOUTH SURREY WATER PARK

**ADDENDUM ISSUE DATE:** January 17, 2017

**REVISED DATE:** PREFER TO RECEIVE QUOTATIONS ON OR  
BEFORE **JANUARY 30**, 2017.

---

**INFORMATION FOR CONTRACTOR**

Contractors are advised that Addendum No. 2 to RFQ 1220-040-2017-012 is hereby issued by the City. This addendum shall form part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The following information is provided for the above named project, to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the Contractor or any sub-contractor not being familiar with this addendum. This Addendum No. 2 includes a seven (7) page Question and Answer document, a four (4) page revised excerpt from Schedule C – Quotation (Section 8 and 9), a thirty-four (34) page Vortex water park equipment equivalency reference document, and sixteen (16) drawing sheets containing revisions or new information from the original drawing package, for a total of sixty-one (61) pages in total including attachments.

**GENERAL INFORMATION:**

- 1) The Revised Date for submission of quotations is now extended to January 30, 2017.
- 2) All inquiries should be submitted at least five business days prior to the submission date.
- 3) A further revised excerpt of Schedule C – Quotation (Sections 8 and 9) is attached. Changes made to Sections 8 and 9 for this Addendum No. 2 are highlighted in yellow.
- 4) In the interest of further tree retention, the south limit of work adjacent to the north edge of the parking lot has been revised such that the existing concrete sidewalk and the adjacent three trees are all now to be retained.

- 5) Vortex, a competing water park equipment supplier to Waterplay, has asked to be accepted as an approved alternative supplier. Upon review of their specifications and equal equipment proposal (attached), the City and the Consultant approve of Vortex as an alternate supplier of water park equipment. Please see the revised excerpt from Schedule C – Quotation (Section 9) for adding this optional alternate price and deleting the Waterplay price from the bid.

A comparative Vortex water park equipment list is as described:

Item #	Waterplay	Vortex
1	MEGA SOAKER - DEX/PlayPhase	SuperSplash No.2 VOR-0130
2	FUN-BRELLA - DEX/PlayPhase	Aquadome VOR-0555
3	MISTY TWISTY - DEX/PlayPhase	Tot Twister VOR-7030
4	WIGGLY - DEX/PlayPhase	Silhouette VOR-7773
5	CARRONADE 2.0 - DEX/PlayPhase	Spray Cannons VOR-0201
6	GS: THE WAVE	Rooster Tail VOR-0303
7	GS: TULIP	Water Jelly VOR-7010
8	GS: GROUP VOLCANO	Team Spray No.2 VOR-8061
9	SPRAY LOOP TUNNEL (REFURBISHED)	Spray loops VOR-0518
10	ACTIVATOR: POWER POST 2.0 - DEX/PlayPhase	BOLLARD ACTIVATOR N°3 VOR 0611
11	ACTIVATOR: ACTION PLATE	-

- 6) The following drawings have been modified (as described below) and attached to this addendum:

**L0.0 - COVER SHEET**

- Drawing list revised

**L1.0 - EX. CONDITIONS & DEMO. PLAN**

- Fastigiated maple at the northwest corner of the site to be spaded out by the city
- Two trees at the SW and SE corner of the amenity area marked as TO BE RETAINED
- Sidewalk on the south edge of the amenity area to be retained

**L2.0 - DETAIL KEY PLAN**

- Waterpark equipment updated.
- Two Picnic Tables relocated
- South edge of the amenity area reconfigured to allow for the retention of trees (includes now retaining the existing sidewalk)
- Extruded Concrete Curb edge added to Synthetic Lawn area.
- (5) Removable bollards added

**L2.1 - DETAIL KEY AREAS**

- Two Picnic Tables relocated
- CIP CONCRETE PAVING TYPE 1 at picnic shelter and tables pad
- New mechanical vault added
- Waterpark equipment list added
- Waterpark equipment alternates approved, (as shown above)
- CIP CONCRETE PAVING TYPES revised/clarified at the waterpark pad

**L3.0 - LAYOUT PLAN**

- Updated dimensions on revised areas

#### **L4.0 - GRADING PLAN**

- Updated grades on revised areas

#### **L6.1 - DETAILS 1 – SURFACING**

- 1/L6.1 – CIP CONCRETE PAVING TYPE 1 – Detail revised to be reinforced 150mm depth pad.
- 9/L6.1 – ROAD MULCH PAVING – Detail removed – was used in Phase 1 but is not applicable to Phase 2 works.
- 10/L6.1 – SYNTHETIC LAWN – Detail revised for clarification, notes added.
- 14/L6.1 – WEIR DETAIL REVISED

#### **L6.4 - DETAILS 4 – FURNISHING**

- 5,6/L6.4 – CIP CONCRETE FOOTING – Details added
- 7/L6.4 – REMOVABLE BOLLARD – Detail added

#### **C2.0 - PHASE 2 UTILITIES**

- Third drain added to waterpark
- Sani/Storm diversion via WYE connection
- New waterpark mechanical vault added.

#### **C3.0 – SOUTH PARKING LOT**

- Sheet added for clarification

#### **ME-1 – PAD LAYOUT CONNECTION PLAN**

- Play equipment and layout revised.

#### **ME-2 – MECHANICAL ROOM KIOSK**

- Waterpark mechanical to be installed in a new below-grade chamber as per vendor's recommendation

#### **New waterpark vendor sheets provided:**

##### **M-1 - WATERPLAY CONCEPT LAYOUT**

- Waterpark equipment revised

##### **M-2 - WATERPLAY PAD LAYOUT**

- Waterpark equipment revised

##### **M-3 - WATERPLAY COMPONENT PLACEMENT**

- Waterpark equipment revised

##### **M-4 - WATERPLAY PIPING SCHEMATIC**

- Waterpark equipment revised

#### **QUESTIONS AND ANSWERS:**

Q1: Item 5.8, CIP concrete seating – description in tender form states they are to be 0.9m height x 34m long. Detail 4 on L6.2, and section D on S-11, show it to be 0.6m high. Can you clarify?

**A1:** Refer to new Schedule C - Quotation (Section 8. Fees and Payments).  
CIP CONCRETE WALL TYPE 1 (abutment walls at the event area) varies in height. Refer to Structural drawing S11 for dimensions.

- Q2: Item 5.7 – Amenity Area, Type 2 CIP retaining wall including abutments @ 98m. There is no Retaining Wall Type 2 detail.  
**A2:** Refer to new Schedule C - Quotation (Section 8. Fees and Payments).  
The abutment walls at the event area are ITEM 5.7 CIP CONCRETE WALL TYPE 1
- Q3: Amenity Area, drawing L2.1, curved concrete structure encircling Playground area is referred to both as Extruded Concrete Curb detail 3/L6.2 and as Type 2 Retaining Wall detail 2/L6.2 – detail 2 shows concrete stairs. Is this extruded curb or retaining wall 9if wall can you provide a detail)?  
**A3:** Refer to new Schedule C - Quotation (Section 8. Fees and Payments).  
The curb encircling the Playground area is ITEM 5.11 EXTRUDED CONCRETE CURB
- Q4: Detail 5 on L6.2 shows a Concrete Seating Wall Type 1. Drawing L2.1 shows a seating wall detail 5 – 11/L6.2, approximately 22m long and curved. There appears to be no line item in the Tender Form for pricing this wall. Can you clarify were on form to add price for this item?  
**A4:** Refer to new Schedule C - Quotation (Section 8. Fees and Payments).  
ITEM 5.8 CIP CONCRETE SEATING WALL TYPE 1 is the seating wall located north of the waterpark area, 22m long and curved
- Q5: On drawing C2.0 the typical perf pipe details show .2m cover but the wording says .7m cover. Can you clarify which is correct?  
**A5:** 0.2m minimum cover is correct
- Q6: Under what line item does the extruded concrete curb, Detail 3 L6.2 as reference on L2.1 or Detail 2 on L6.2? Should this be item 5.7 as the quantities match?  
**A6:** Refer to new Schedule C - Quotation (Section 8. Fees and Payments).  
ITEM 5.11 EXTRUDED CONCRETE CURB
- Q7: Should the optional extra 200mm curb be 150mm to match the detail on L6.2?  
**A7:** Yes, please change to 150mm and price 150mm wide curbs both sides in the optional item.
- Q8: Can you clarify type of connection should there be for the 150mm leads connecting to the manhole [that the waterpark drains tie into], outside drop, inside drop?  
**A8:** Outside drop.
- Q9: Please confirm that the electrical trade is to run the pipe and wires for the irrigation system. It is usually done by the irrigation contractor.  
**A9:** Contractor to provide sleeves for piping and wiring under hard surfaces. Irrigation contractor (CoS) responsible for piping and wiring.
- Q10: Is there a spec for the synthetic turf?  
**A10:** Please refer to revised detail 10/L6.1.  
No specs at the moment, synthetic turf to be installed as per vendor's specifications.
- Q11: Is there a drainage plan for the synthetic turf area? The detail on L6.1/10 shows Nilex flat drain.  
**A11:** Please refer to revised detail 10/L6.1.
- Q12: Please provide confirmation that City forces will be responsible for the re&re of the picnic shelter including the concrete footings?  
**A12:** The City forces will have the picnic shelter removed from site and repainted. The Contractor is responsible for the footings under item 5.17 in the revised Schedule of Fees and Payments. Once the Contractor has completed their work, the City will install the shelter on the footings.
- Q13: If there is no softscape in our contract, are we required to include for the 1 year maintenance? And if so what line item do we get paid under?  
**A13:** No to the 1 year maintenance requirement.

Q14: What are the requirements of line painting? Is there a spec available?

**A14:** Match existing as required to reinstate parking lines across patched asphalt as needed.

Q15: Is a bid bond or consent of surety required?

**A15:** Neither is required.

Q16: Will the City be delivering the boulders to site or are we to pick up from a specified location? If we are to pick up from a location, where? and do we need to allow for loading as well?

**A16:** The City will deliver the required amount of boulders to the site. The Contractor is responsible for choosing which boulder among those supplied will work best for each location per the plans, and must place them.

Q17: It was mentioned at the site meeting that the curb & gutter in the parking lot island was to be removed. However there is no indication of this on the drawings nor does Schedule C have a line item for payment. Can you please clarify and if required provide a drawing showing the extent of removals?

**A17:** Refer to added sheet C3.0 SOUTH PARKING LOT

The entire median island in the parking lot gets new curbing. This is to widen the island and provide a sidewalk down its centre. The asphalt parking surface will have to be sawcut back to accommodate the curbing, then patched and parking lines reinstated across the asphalt patch.

Q18: The demo plan shows "Rotary Way" still existing. Seeing as how everything is covered with snow can you provide a current and accurate drawing for the demo & removals?

**A18:** Refer to revised sheet L1.0 EX. CONDITIONS AND DEMO. PLAN

Q19: What line item do we get paid under for the fibar supply & install?

**A19:** It is not included in the Contractor's scope.

Q20: What line item do we get paid under for the site furnishings? Picnic tables, benches etc.?

**A20:** They are not included in the Contractor's scope.

Q21: Is the irrigation part of this contract?

**A21:** No. Please carefully re-read the table on page 7 of the RFQ document for distinctions between Contractor scope of work and City scope of work.

Q22: For the concrete ramps at entry points to the playground area, is there a detail for those and what line item do we get paid under?

**A22:** Refer to DETAIL 2/L6.2 EXTRUDED CONCRETE CURB. The ramp extends 500mm into the playground area for an extension shown in drawing 2/L3.1  
You will get paid under ITEM 5.11 EXTRUDED CONCRETE CURB

Q23: Where is the current drinking fountain located that we are to re & re?

**A23:** It is located north of the existing picnic shelter on the west side of the existing playground.

Q24: The type 2 wall and extruded curb around the playground area are shown as the same symbol. Can you clarify the extent of each?

**A24:** The entire perimeter of the playground is now extruded curb. There is no longer any Type 2 wall with respect to the playground.

Q25: For optional price item can you provide a drawing that shows the extent or provide a lineal meter quantity for us to base our price on?

**A25:** Please price both sides of all asphalt pathways in the general vicinity of the playground and waterpark.

Q26: Can you provide a line item for each type 1 wall vs. type 1 seating wall?

**A26:** Refer to new Schedule C - Quotation (Section 8. Fees and Payments).

- ITEM 5.7 CIP CONCRETE WALL TYPE 1 (three abutment walls at the event area)
- ITEM 5.8 CIP CONCRETE SEATING WALL TYPE 1 (seating wall located north of the waterpark area, 22m long and curved)
- ITEM 5.9 CIP CONCRETE SEATING WALL TYPE 2 (seating wall located at the event area 30m in length) (DOES NOT include the three abutment walls and DOES NOT include the length of the stairs)
- ITEM 5.10 CIP CONCRETE STAIRS (stairs at the event area, 3m length)
- ITEM 5.11 EXTRUDED CONCRETE CURB (including curved edge of playground area and edge of synthetic lawn area)

Q27: Can you provide a line item for each type 2 wall vs. type 2 wall with steps?

**A27:** See Answer to Q26.

Q28: Can you provide a line item for curb & gutter vs. extruded curb?

**A28:** Refer to the revised Schedule C - Quotation (Section 8. Fees and Payments), changes highlighted in yellow.

Q29: Is all the asphalt paving 50mm thick single lift UC#2? If not please provide a spec.

**A29:** Yes.

Q30: Will any asphalt paving be required in the parking lot?

**A30:** Only as required to patch around new curb and gutter.

Q31: Are the park signs shown on the drawings part of this contract? If so please provide a detail, spec & line item for payment.

**A31:** All park signs are the City's scope of work.

Q32: Can you provide a spec for the gravel required under the synthetic turf?

**A32:** Please refer to revised detail 10/L6.1

Q33: Can you provide a spec on the geotextile required under the synthetic turf?

**A33:** Please refer to revised detail 10/L6.1

Q34: Is there a spec supplier on the aluminum fence?

**A34:** Contractor to sub aluminum fence supplier and provide shop drawings for approval by Contract Administrator.

Q35: For Type 3 concrete, tumbled glass aggregate, the specification asks for dark blue, but the drawing asks for sea blend. Can you clarify the correct glass color?

**A35:** Tumbled glass aggregate to be 'Sea Blend' mix of 50% Clear and 50% Blue.

Q36: Please confirm item in Schedule C to include the playground extruded curb.

**A36:** Refer to new Schedule C - Quotation (Section 8. Fees and Payments).  
ITEM 5.11 EXTRUDED CONCRETE CURB

Q37: 5.1 Barrier curb and gutter: can you confirm we are removing the curb and gutter at the parking island and replacing with new curb and gutter?

**A37:** Refer to added sheet C3.0 SOUTH PARKING LOT  
Yes, remove and replace with new.

Q38: 5.1 Barrier curb and gutter: Detail 6 on drawing L6.1, CIP Concrete Pavement at Curb refers to civil drawings. There is no civil detail. Can you clarify curb and gutter type?

**A38:** Refer to added sheet C3.0 SOUTH PARKING LOT

- Q39: Please confirm quantity of item 3.4 '150mm storm leads' in Schedule C as 150mm storm leads called up on drawing C2.0. The drawings seem to add up to approximately 80m.  
**A39:** Refer to revised sheet C2.0 PHASE 2 UTILITIES and revised excerpt from Schedule C
- Q40: In snip of drawing L.2 please confirm area's highlighted in red are to be priced in Item 5.3 in schedule C. If so quantities do not seem to line up.  
**A40:** Re EXTRUDED CONCRETE CURB  
Refer to new Schedule C - Quotation (Section 8. Fees and Payments).  
ITEM 5.11 EXTRUDED CONCRETE CURB
- Q41: Please confirm which detail to follow for concrete ramps into playground area. L2.1 labels them as ramps and calls up detail 3-L6.3, which shows concrete steps.  
**A41:** Refer to DETAIL 2/L6.2 EXTRUDED CONCRETE CURB. The ramp extends 500mm into the playground area for an extension shown in drawing 2/L3.1  
You will get paid under ITEM 5.11 EXTRUDED CONCRETE CURB
- Q42: For Water Channel Step (detail 14 on L6.1) can you provide the design intention and the extent of the channel in relation to the weirs?  
**A42:** Refer to revised DETAIL 14/L6.1 CHANNEL WIER  
Wiers are to be embedded in the CIP CONCRETE PAD. Footing as per manufacturer specifications.
- Q43: For the splash park concrete mounds, 15ml rebar is specified. This will be very difficult to shape in the field, can 10mil rebar be used?  
**A43:** 10M @ 200 o.c. will be acceptable at the mounds
- Q44: The extent of existing spot elevations given on the grading plan L4.0 does not cover the entire area under construction, namely the south east area around the synthetic event lawn. Can you provide additional grades in this area?  
**A44:** Spot elevations for the area under construction are provided in L4.0 – Grading Plan
- Q45: Are there any electrical drawings that have a scale to them? It is challenging to get an accurate price without one.  
**A45:** Electrical drawing EL2.0 is drawn at 1:250 scale
- Q46: Specifications 033000 and Landscape drawings show contradictory requirements for the colored concrete (CIP Concrete paving Type1, Type2 and Type 3). Please confirm which will supersede.  
**A46:** Concrete Type Colours:  
ITEM 5.3 CIP CONCRETE PAVING TYPE 1 – COLOUR: NATURAL  
ITEM 5.4 CIP CONCRETE PAVING TYPE 2 – COLOUR: CHARCOAL  
ITEM 5.5 CIP CONCRETE PAVING TYPE 3 – COLOUR: NATURAL WITH 'SEA BLEND'  
TUMBLED GLASS AGGREGATE (MIX OF 50% CLEAR + 50% BLUE)  
ITEM 5.4 CIP CONCRETE PAVING AS PER MMCD STANDARDS (TYPE 4) – COLOUR: NATURAL
- Q47: Can you confirm the electrical and water supply sleeves have been installed across South Road?  
**A47:** Confirmed.
- Q48: Does item 3.1 also include the detailed excavations required for walls, stairs etc.?  
**A48:** No, please include those costs in their respective items.
- Q49: Item 3.2 does this cover the subbase/base materials for under the walls?  
**A49:** Yes.

- END OF ADDENDUM -