September 14, 2018

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

ADDENDUM NO. 5

All attachments listed herein are incorporated by reference and can be downloaded from the City's FTP site with log on details provided to the pre-qualified Tenderers.

RE: PART A – APPENDIX 3

PLEASE ADD:

SUPPORTING DOCUMENTS*:*

CITY OF VANCOUVER - PUBLIC WASHROOM DESIGN & TECHNICAL GUIDELINES (January 31, 2018)

- *See attached*

RE: PART A – APPENDIX 3 - SPECIFICATIONS

SECTION 05 12 33 – STRUCTURAL STEEL

2.4 Fabrication (see previous Addendum No. 1)

DELETE:

.21 Acceptable Fabricators: Subject to compliance with requirements specified in this Section; use any of the following listed fabricators in accordance with Division 01, including the following:

.1 Westview Technologies

SECTION 00 31 00 – AVAILABLE PROJECT INFORMATION

PLEASE ADD:

00 31 00 – Available Project Information

- *See attached*

SECTION 03 41 43 – PRECAST CONCRETE FOR BRIDGES

DELETE:

2.2.6 **Ducts and Voids: Use materials specified in Section 03 11 43; designed to remain dimensionally stable during casting and steaming of units; eliminate any voids shorter than 400 mm except when specifically noted otherwise on Drawings**

City of Vancouver, Financial Services Group
Supply Management
453 West 12th Avenue
Vancouver, British Columbia V5Y 1V4 Canada
tel: 604.873.7263 *fax:* 604.873.7057
website: vancouver.ca

DELETE:

2.4.5 **Void and Duct Placement:**

.1 Place voids and ducts as indicated on Drawings; tie and securely hold in required positions to prevent movement; align continuous ducts precisely; seal ends of voids using methods acceptable to the Consultant; voids found distorted, damaged or of insufficient strength will be rejected; repair blow holes caused by air expanding within voids and rising to the while concrete is in plastic state.

DELETE:

2.4.8 Camber Hubs:

.1 Place three camber hubs in each girder located along the centreline of girder at midpoint and 150 mm from each end; consisting of 10 mm galvanized bars of sufficient length to project vertically 10 mm above riding surface

.2 Store members to provide access for measuring camber as determined by the Consultant; provide personnel as requested to assist the Consultant with camber readings.

DELETE:

2.4.13 **Sandblasting: Sandblast roughen concrete surfaces in shear key, block out, diaphragm and girder end void locations to the acceptance of the Consultant; sandblast shall be sufficient to remove all laitance and uniformly expose aggregate particles.**

SECTION 05 95 43 – BRIDGE BEARINGS

DELETE:

05 95 43 – Bridge Bearings – Delete in its entirety

SECTION 08 44 13 – GLAZED ALUMINUM CURTAIN WALLS

1.4 Reference Standards

DELETE:

.2.4 AAMA 611-12, Voluntary Specification for Architectural Anodized Aluminum

2.9. Aluminum Finishes

CURRENTLY READS:

- **.2 Clear Anodized Finish:**

  .1 Class I Finish: Architectural Class I, clear coating 0.018 mm or thicker in

REPLACE WITH:

- **.2 High Performance Organic Finish:**

  .1 3 Coat PVDF Coating: AA-C12 Chemical Finish, cleaned with inhibited chemicals; C40 Chemical Finish, conversion coating; R1x Organic Coating, manufacturer's standard 3 coat, thermocured system consisting of specially formulated inhibitive primer,

fluoropolymer colour coat, and clear fluoropolymer topcoat, with both colour coat and clear topcoat containing not less than 70% PVDF resin by weight; prepare, pre-treat, and apply coating to exposed metal surfaces in accordance with AAMA 2605 and with coating and resin manufacturers' written instructions.

.2 Colour: Custom colour as selected by Consultant.

.3 Basis-of-Design Materials: PPG Duranar XL

SECTION 08 81 00 – GLASS GLAZING

3.4.3 Curtain Wall - Spandrel

PLEASE ADD:

.2 Spandrel Insulated Glass Unit: Doors

.1 Exterior lite: 6mm Clear tempered, having opaci coating on surface #2

.2 Air Space: 13mm air filled

.3 Interior lite: 6mm Clear tempered

SECTION 10 81 13 – BIRD CONTROL DEVICES

PLEASE ADD:

10 81 13 – Bird Control Devices

- *See attached*

SECTION 32 14 13 – PRECAST CONCRETE UNIT PAVING

2.6 Accessories

PLEASE ADD:

.5 **Root Barrier: 40 mil polyethylene**

RE: PART A – APPENDIX 3 - DRAWINGS

A002 – PROJECT DATA

- *REPLACE* **Drawing A002 with attached Drawing A002 – REVISED**
  - **Assemblies Schedule**

A003 – WINDOW AND DOOR SCHEDULE

- *REPLACE* **Drawing A003 with attached Drawing A003 – REVISED**
  - *Door Schedule, Revise to follow City of Vancouver Public Washroom Design & Technical Guidelines (attached)*

A211 – UPPER GROUND PLAN CAFÉ PAVILION

- *REPLACE* **Drawing A211 with attached Drawing A211 – REVISED**
  - *Plan 1/A211*

A810 – WALL SECTIONS 01 CAFÉ PAVILION

- *REPLACE* **Drawing A810 with attached Drawing A810 – REVISED**
  - *Section 1/A810 and 2/A810*

A811 – WALL SECTIONS 01 CAFÉ PAVILION

- *REPLACE* **Drawing A811 with attached Drawing A811 – REVISED**
  - *Section 1/A810 and 2/A810*

A812 – SECTION DETAILS CAFÉ PAVILION

- *REPLACE* **Drawing A812 with attached Drawing A812 – REVISED**
  - *Section detail 1/A812 and 5/A812*

S0.02 – GENERAL NOTES

STEEL NOTES – 2. MATERIAL REQUIREMENTS:

CURRENTLY READS:

.2 MATERIAL REQUIREMENTS
-W SHAPES: CSA G40.20-13/G40.21-13 GRADE 350W
OR ASTM A572/A572M-12 GRADE 50
-WWF SHAPES: CSA G40.20-13/G40.21-13 GRADE 350W
-HSS SECTIONS: CSA G40.20-13/G40.21-13 GRADE 350W CLASS C
-OTHER STRUCTURAL
SHAPES AND PLATES: CSA G40.20-13/G40.21-13 GRADE 300W
-BOLTS: ASTM F3125-15a GRADE A325 OR A490
-HEADED STUD ANCHORS: ASTM A108-13 TENSILE STRENGTH 414 MPa
-ANCHOR RODS: ASTM F1554-07ae1 GRADE 36 WELDABLE
-SHOP PRIMER AND
FIELD TOUCH UP PRIMER: REFER TO SPECIFICATIONS SECTION [05 05 19]
-PIER PINS: AISI 4140 GRADE T
-PIER EMBEDDED PLATES
AND PIN PLATES: CSA G40.20-13/G40.21-13 GRADE 350W

REPLACE WITH:

.2 MATERIAL REQUIREMENTS
-W SHAPES: CSA G40.20-13/G40.21-13 GRADE 350W
OR ASTM A572/A572M-12 GRADE 50
-WWF SHAPES: CSA G40.20-13/G40.21-13 GRADE 350W
-HSS SECTIONS: CSA G40.20-13/G40.21-13 GRADE 350W CLASS C
-HSS 152x9.5: CSA G40.20-13/G40.21-13 GRADE 350W CLASS C OR ASTM A500 GRADE C
-HSS 406x305x15.9 CSA G40.20-13/G40.21-13 GRADE 350W CLASS C OR ASTM A500 GRADE C

-HSS 406x203x12.7 CSA G40.20-13/G40.21-13 GRADE 350W CLASS C OR ASTM A500 GRADE C
-HSS 356x13 CSA G40.20-13/G40.21-13 GRADE 350W CLASS C OR ASTM A500 GRADE C
-OTHER STRUCTURAL
SHAPES AND PLATES: CSA G40.20-13/G40.21-13 GRADE 300W
-BOLTS: ASTM F3125-15a GRADE A325 OR A490
-HEADED STUD ANCHORS: ASTM A108-13 TENSILE STRENGTH 414 MPa
-ANCHOR RODS: ASTM F1554 GRADE 55 WELDABLE
-SHOP PRIMER AND
FIELD TOUCH UP PRIMER: REFER TO SPECIFICATIONS SECTION [05 05 19]
-PIER PINS: AISI 4140 GRADE T
-PIER EMBEDDED PLATES
AND PIN PLATES: CSA G40.20-13/G40.21-13 GRADE 350W

S6.03 – BRIDGE SUPERSTRUCTURE PLAN – SHEET 1

STEEL TRUSS NOTES - MATERIALS

CURRENTLY READS:

1. ALL HSS SHALL BE CSA G40.20-13/G40.21-13 GRADE 350W CLASS C.

REPLACE WITH:

1. ALL HSS SHALL BE CSA G40.20-13/G40.21-13 GRADE 350W CLASS C.
2. HSS 152x9.5 SHALL BE CSA G40.20-13/G40.21-13 GRADE 350W CLASS C OR ASTM A500 GRADE C.
3. HSS 406x305x15.9 SHALL BE CSA G40.20-13/G40.21-13 GRADE 350W CLASS C OR ASTM A500 GRADE C.
4. HSS 406x203x12.7 SHALL BE CSA G40.20-13/G40.21-13 GRADE 350W CLASS C OR ASTM A500 GRADE C.
5. HSS 356x13 SHALL BE CSA G40.20-13/G40.21-13 GRADE 350W CLASS **C OR ASTM A500 GRADE C.**

S7.01 – SKY FRAME DETAILS

SKY FRAME NOTES - MATERIALS

CURRENTLY READS:

1. ALL HSS SHALL BE CSA G40.20-13/G40.21-13 GRADE 350W CLASS C.
2. ALL PIER BASE PLATES, EMBED PLATES, PIN PLATES, AND PINS TO BE GALVANIZED.

REPLACE WITH:

1. HSS 406x305x15.9 SHALL BE CSA G40.20-13/G40.21-13 GRADE 350W CLASS C OR ASTM A500 GRADE C.

M001 – SITE PLAN, MECHANICAL, LEGEND, SCHEDULES, & DRAWING LIST

- *REPLACE* **Drawing M001 with attached Drawing A211 – REVISED**
  - **Water closet**

M200 – LOWER GROUND PLUMBING AND FIRE SUPPRESSION PLAN; and
M201 – UPPER GROUND PLUMBING AND FIRE SUPPRESSION PLAN

- *REPLACE* **Drawings M200 and M201 with attached Drawings M200 - REVISED and M201 – REVISED**
  - **Revised reuse water lize size**

L2.01 – MATERIALS PLAN

- *REPLACE* **Drawing L2.01 with attached Drawing L2.01 – REVISED**
  - **Plan 1/L2.01; revised location of skate deterrents**

L9.40 - STAIRS AND SEAT STEPS DETAILS SHEET 1

- *REPLACE* **Drawing L9.40 with attached Drawing L9.40 – REVISED**
  - **Detail 2/L9.40**

L9.51 - STAIRS AND SEAT STEPS DETAILS SHEET 1

DELETE:

- **"3. PROVIDE SKATE DETERRENT ALIGNED WITH BOTH SIDES OF BENCH WHERE BENCH WIDTH IS GREATER THAN 600MM."**

This addendum must be completed, and attached to your Tender form.

If you have already submitted your Tender, this addendum shall be submitted to the **Purchasing Services Office, City of Vancouver, 453 West 12th Avenue, Vancouver, British Columbia, Canada, V5Y 1V4, (Courier Delivery and Drop off is at the Information Desk, Main Floor Rotunda of the same address)**, **prior to the Closing Time: 3:00:00 pm Local Vancouver, BC Time, September 20, 2018** in an envelope clearly marked "Addendum No. **1** to **Invitation to Tender No. PS20181272: General Contractor for Construction of Smithe and Richards Park** before the closing time of **3:00 p.m., September 20, 2018.**

_____
NAME OF VENDOR

_____
SIGNATURE OF AUTHORIZED SIGNATORY

_____
DATE

Jessica Li
Buyer