



THE CORPORATION OF THE CITY OF NIAGARA FALLS

**ADDENDUM #4**

**RFT34-2019**

**CONSTRUCTION OF NIAGARA FALLS CULTURAL HUB COMPLEX**

This addendum shall form an integral part of the Request for Tender (RFT) documents for the above noted RFT and shall be read in conjunction therewith. This addendum shall, however, take precedence over all requirements as it pertains to the particular and specific items noted below.

This addendum must be signed by the Bidder in the appropriate space and must be attached to the Bidder's Tender submission at the stated time of the closing of the RFT or prior to this time. Tender submissions not including this addendum may be rejected.

**This Addendum provides responses to all questions received after Feb. 26, 2020 @ 10:00 a.m. until March 11, 2020 at 4:00pm. This is the final addendum and no more questions will be answered.**

**PLEASE NOTE:**

**The Tender Closing Date has been changed to Tuesday March 31, 2020 at 1:45pm**

**Please submit documents using revised Label for Tender Envelope No. 1 Rev #2 and revised Label for Tender Envelope No. 2 Rev #2**

The Tenderer shall take due notice of the above noted changes and make allowance for same in the Tender to be submitted to the City of Niagara Falls.

<b>COMPANY NAME:</b>	
<b>TENDERER'S SIGNATURE:</b>	
<b>TENDERER'S NAME: (Please Print)</b>	
<b>DATE:</b>	

## Addendum 04

Project:	Niagara Falls Exchange	Project No:	16-052
To:	City of Niagara Falls – Finance Dept. 3200 Stanley Avenue Niagara Falls, ON L2E 6S4	From:	Megan Torza 416-968-9479 x240 megan@dtah.com
Attention:	Dave Butyniec (905) 356-7521 ext. 4300 dbutyniec@niagarafalls.ca	Copy:	
Date:	2020-03-13	Pages:	3
Re:	<b>Niagara Falls Exchange, 5943 Sylvia Place, Niagara Falls</b>		

### 1.0 General

- 1.1 The articles of this addendum supplement and supersede the bid documents compendium issued February 6, 2020.
- 1.2 This addendum shall be attached to and shall form an integral part of the Contract Documents.
- 1.3 Receipt of this addendum shall be acknowledged in the Bid Form.
- 1.4 Ensure that all trades read the entire addendum.

### 2.0 Clarifications pertaining to Contract Documents

#### General Clarifications

1. All work including excavation, shoring and building foundations construction must be undertaken within the Place of Work. All temporary works, including shoring necessary to construct the Project, are to be provided by contractor as per S001.

#### Architectural Clarifications

2. Aluminum Panel Cladding System: Project Manual Section 07 46 16, 2.2.3 Perforated Aluminum Panels are intended to match in profile and colour the Metal Cladding System as noted below. Aluminum thickness to be 0.063 GA (1.60mm), assume 40% opening.
3. Metal Cladding Systems: Project Manual Section 07 46 19, 2.2.2.1 outlines Morin "Integrity" wall cladding system. The profile is XC-12. Standard colour from Manufacturer's colour range.
4. Flush Wood Doors: The only wood door to receive the plastic laminate face is D126. All other wood doors to receive veneer face with transparent finish. See Project Manual Section 08 14 00.
5. Washroom Accessories: Price accessories as illustrated in the Contract Documents. There are no Electric Hand Dryers, Sharps Containers, or Hand Sanitizer Containers.

This Addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all work contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the captioned project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject the bidder to disqualification.

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6. Doors + Screens:
  - a. HM-104 at D100 (114 Café Vestibule) to be Aluminum frame.
  - b. HM-102 to be located at D133 (102 Admin)
  - c. HM Frames in P1, P1a, P2, P3 and P3a wall types to be wrap-around frame type. All other HM frames installed in assemblies deeper than 216mm are to be assumed to be butt-wall frame type.
7. Tiling: The Room Finish Schedule indicates T1 tile on WC floors. This is an error. Where T1 is indicated as a floor finish is to be replaced with "Conc" – tile restricted to wall applications. See Room Finish Schedule / Project Manual Section 09 31 00.

### Structural / Electrical Engineering Clarifications

8. Bollard Foundations: Detail 7/S800 applies to the removable bollards indicated on L200. The foundation design illustrated on Detail 7/S800 supersedes the foundation represented on Detail 6/L602.
9. Light Pole / Light Bollard / Catenary Foundations: Refer to Structural Details 5/S800, 6/S800 and 8/S800 for foundation design and profile for all lighting pole elements, which supersede foundation design or profile indicated in Electrical Details. Refer to Electrical Details 6/E500, 9/E500 and 10/E500 for electrical requirements only.

### Landscape Architecture Clarifications

10. Precast Concrete Unit Paving: Project Manual 32 14 13, assume the "Smooth Premium" finish for Main Street Plaza and Market Plaza specified paver, and "Grenart Premium" finish for the specified Tactile Paver.

### Mechanical Clarifications

11. The ASHP's are sized for 40% glycol.
12. To clarify the temperature efficiency metric for Energy Recovery Ventilator Schedule on Drawing M801:
  - a. sensible winter effectiveness: 81%,
  - b. latent winter effectiveness: 79%,
  - c. sensible summer effectiveness: 81.2%,
  - d. latent summer effectiveness: 72%.
13. Return air temperatures used in both the Winter and Summer design conditions of ERV-1: Winter 72°F, Summer 75°F
14. The specified energy recovery ventilator (ERV-1) has a hot water coil and a chiller water coil with the following performance data:
  - a. Heating coil, EWT/LWT: 125/105°F, 6.76gpm.
  - b. Cooling coil: EWT/LWT: 42/52°F, 41.2 gpm
15. The design temperatures (DB/WB) for the enthalpy wheel return air as well as outside air design temperatures for AHU-1 in both Summer and Winter are as follows:
  - a. Total effectiveness is 77.0% with summer ton savings of 3.92 total and 1.36 sensible and winter ton savings of 116.64 total and 93 sensible.
  - b. Outside air is design for region: Return Air is winter: 70/53 (°F) DB/WB, summer: 75/63 (°F) DB/WB
16. The hydronic piping shown on M404 is to continue down to the mechanical room. See schematic for continuation. The pipe sizes shown on M404 correspond with the



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pipe sizes shown on M601 for ASHP-1 & 2 and ERV-1. A note on the Schematic M601 identifies the piping that serves the coils in ERV-1.

End of Addendum No. 4

DTAH Architects Limited

Recommended by Consultant

Megan Torza

Architect