



**THE CORPORATION OF THE CITY OF WINDSOR
OFFICE OF THE CITY SOLICITOR**

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**ADDENDUM NO. 1
TENDER NO. 40-20
RIVERSIDE PARK (CENTENNIAL POOL) WASHROOMS RENOVATION**

February 28, 2020

This addendum amends and forms part of the Tender Documents. The bidder shall insert the addendum behind the cover page of the Tender Documents.

REVISION TO SPECIFICATIONS

Section 04 04 20 – Brick Masonry Repointing

Revise: Index to read “Brick Masonry Repointing”

Revise: Section 00 20 00 to read “Section 04 04 20”

REVISED AND ATTACHED:

Brick Masonry Repointing Section 04 04 20 (4 pages)

Except for the contents of this addendum, all other terms and conditions of this tender remain the same.

END OF ADDENDUM NO. 1

Yours truly,

THE CORPORATION OF THE CITY OF WINDSOR

Elaine Castellan

Elaine Castellan
Purchasing Supervisor

EC/jm

**ADDENDUM NO. 1
TENDER NO. 40-20
RIVERSIDE PARK (CENTENNIAL POOL) WASHROOMS RENOVATION**

February 28, 2020

I hereby acknowledge receipt of Addendum No. 1 to the Tender No. 40-20 (6 pages).

The information contained therein is hereby noted and account of same will be taken in our tender cost.

This information was received on the _____ day of _____, 20_____.

Signature

Name (Printed)

Company Name

***NOTE: You are required to acknowledge this addendum with your TENDER submission.**

**PLEASE FAX BACK TO (519) 255-9891 OR E-MAIL @ purchasing@citywindsor.ca SIGNED
ACKNOWLEDGEMENT SHEET ASAP**

Attn: Purchasing Department

PART 1 - 1 - GENERAL

1.1 SCOPE OF WORK

- .1 Provide labour, material, equipment, supervision, and incidental services as necessary to complete all repointing work indicated on the drawings and specified herein, including but not limited to:
 - .1 Repointing of exterior brick masonry, various areas totaling 300 square feet.

1.2 DEFINITIONS

- .1 Repointing: filling and finishing of masonry joints from which mortar has been raked out or omitted.
- .2 Tooling: finishing masonry joints to provide final contour.
- .3 Repair: replacing fractured (spalled) masonry with matching reclaimed brick.

1.3 SYSTEM DESCRIPTION

- .1 Work of this Section includes but is not limited to:
 - .1 Repointing of all existing masonry joints, including:
 - .1 Visually inspecting for obvious signs of deteriorated masonry;
 - .2 Testing of joints, not visually unsound, to identify unsound joints; and
 - .3 Raking and repointing all joints.
 - .2 Resetting of dislodged masonry units.
 - .3 Replacement of deteriorated or missing units.

1.4 MOCK-UPS

- .1 Prepare mock-up in accordance with Section 01 10 00 - General Requirements.
- .2 Prepare mock-up 2'-0" x 2'-0" to demonstrate repair procedure in an inconspicuous area not easily visible from grade.
- .3 Prepare mock-up under supervision of Consultant to demonstrate a full understanding of specified procedures, techniques and formulations are achieved before work commences.
- .4 Allow 24 hours for inspection of mock-up by Consultant before proceeding with masonry repointing and repair work.
- .5 When accepted, mock-up will demonstrate minimum standard for this work. Mock-up may remain as part of finished work.

1.5 DELIVERY, STORAGE AND HANDLING

- .1 Store cementitious materials and aggregates in accordance with CSA A23.1.
- .2 Store lime putty in plastic lined sealed drums.

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- .3 Keep material dry. Protect from weather, freezing and contamination.
 - .4 Ensure that manufacturer's labels and seals are intact upon delivery.
 - .5 Remove rejected or contaminated material from site.

1.6 ENVIRONMENTAL REQUIREMENTS

- .1 When temperature is 10°C or less:
 - .1 Store cements and sands for immediate use within heated enclosure. Allow these materials to reach minimum temperature of 10°C (that is equilibrium with air temperature in enclosure).
 - .2 Heat water to minimum of 20°C and maximum of 30°C:
 - .1 At time of use temperature of mortar to be minimum of 15°C and maximum of 30°C.
 - .2 Do not mix cement with water or with aggregate or with water-aggregate mixtures having higher temperature than 30°C.
- .2 Obtain approval from Consultant for methods of enclosure and protection.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Sand: to CSA A82.56. Passing a 1.18 mm sieve.
- .2 Water: potable or from approved non potable supply.
- .3 Lime:
 - .1 Processed Lime (Quicklime): to ASTM C 5.
 - .2 Hydrated lime: ASTM C 207
 - .3 Portland cement
 - .4 Colour: coloured sand to match the existing mortar colour.

2.2 PROPORTIONS

- .1 General lime mortar: proportion mortar by volume to match existing mortar texture and will be reviewed and determined on site with the Consultant.

2.3 MORTAR

- .1 Repointing: new mortar to be used in repointing is to match the existing mortar as specified in paragraph 2.2.

PART 3 - EXECUTION

3.1 GENERAL

- .1 Perform work in accordance with CAN3-A371.

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- .2 Use manual hand held cold chisel to remove deteriorated mortar.
 - .3 Tool and compact using jointing tool to force mortar into joint.
 - .4 Finish joints to match existing joints.
 - .5 Use Consultant approved jointing tool to form compacted tooled joints to match existing.

3.2 REPOINTING

- .1 Raking joints:
 - .1 Rake all joints free of deteriorated and loose mortar, dirt and other undesirable material.
 - .2 Clean joints of deteriorated mortar but in no case to less than 1 1/4". Clean out voids and cavities encountered.
 - .3 Clean by compressed air, surfaces of joints without damaging texture of exposed joints.
 - .4 Flush open joints and voids; clean with low pressure water and if not free draining blow clean with compressed air.
 - .5 Leave no standing water.
- .2 Repointing:
 - .1 Dampen joints and completely fill with mortar. Pack mortar solidly into voids and joints.
 - .2 Keep masonry damp while pointing is being performed.
 - .3 Do not complete pointing in freezing weather.
 - .4 Build-up pointing in layers not exceeding 1/2" in depth. Allow bottom layers to set before applying subsequent layers. Maintain joint width.
 - .5 Tool joints behind masonry face with identical tools used for weathered joints. Match weathered joint.
 - .6 Remove excess mortar from masonry face before it sets. Finish jointing neatly as specified.

3.3 RESETTING

- .1 Fix dislodged masonry units in correct location with water soaked softwood wedges.
- .2 Insert and compress firm mortar to within 2" of pointing surface. Allow mortar to set 24 hours.
- .3 Pull out wood wedges when dried and shrunken.
- .4 Point to surface in two layers.

3.4 REPAIR

- .1 Remove fractured units without losing pieces or worsening damage or damaging adjacent units.
- .2 Replace damaged/fractured unit with matching reclaimed brick and repoint with specified mortar as rest of work.

3.5 CLEANING

- .1 Clean surfaces of mortar droppings, stains and other blemishes resulting from work of this contract as work progresses.
- .2 Do further cleaning after mortar has set and cured, often 30 days is sufficient. Use stiff, natural bristle brushes and plain water only.

***** END OF SECTION *****