



# 85-2018 ADDENDUM 1

## 2018/2019 INDUSTRIAL STREETS RENEWAL PROGRAM – HENLOW BAY AND HIGGINS AVENUE

### **URGENT**

**PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY**

ISSUED: June 11, 2018  
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**THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS**

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**Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.**

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### **PART A – BID SUBMISSION**

Replace: 85-2018 Bid Submission with 85-2018 Addendum 1 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

- Form B(R1): Revise C.2 Approx. Quantity to read: 600
- Form B(R1): Revise C.4 i) Approx. Quantity to read: 9200
- Form B(R1): Revise C.10 i) Approx. Quantity to read: 200
- Form B(R1): Revise C.11 i) Approx. Quantity to read: 350
- Form B(R1): Revise C.16 i) a) Approx. Quantity to read: 1300
- Form B(R1): Section B, add new Unit Item: Pruning of Existing Trees
- Form B(R1): Section C, add new Unit Item: 100mm Concrete Sidewalk with Concrete Blockouts
- Form B(R1): Section C, add new Unit Item: 210 x 105 x 80mm Holland Charcoal Colour

Page numbering on some forms may be changed as a result.

The changes will also apply to Form B – Excel.

## **PART E – SPECIFICATIONS**

Add:	E17	210 x 105 x 80mm Holland Charcoal Colour
	E17.1	Description
	E17.1.1	Provide all labour, materials, methods, equipment and accessories for the supply and installation of unit paving as indicated on the Drawings.
	E17.2	References
	E17.2.1	CW 3330 – Installation of Interlocking Paving Stones
	E17.2.2	CW 3335 – Installation of Interlocking Paving Stones on a Lean Concrete Base
	E17.3	Material
	E17.3.1	Pavers available from Barkman Concrete Ltd. Ph. 204-667-3310, or approved equal in accordance with B7.
	E17.3.2	Bedding sand shall be fine aggregate to the requirements of specification CW 3330.
	E17.3.3	Joint sand shall comply to specification CW 3330.
	E17.4	Construction Method
	E17.4.1	Contractor to verify the exact dimensions of unit pavers, brick pavers and stockpiled unit pavers, prior to the construction of blockouts in concrete sidewalk. Contractor to use physical samples of specified pavers when construction form work for blockouts.
	E17.4.2	Install concrete sidewalk w/ blockouts, and roadway w/ blockouts as specified on Drawings.
	E17.4.3	Preparation of Sand Base
	E17.4.3 (a)	Remove all accumulated debris from blockouts.
	E17.4.3 (b)	Install bedding sand to the depths indicated on the Drawings and to CW3330.
	E17.4.3 (c)	Do not compact sand base prior to installing pavers.
	E17.4.5	Installation of Unit Pavers
	E17.4.5 (a)	Unit pavers shall be installed in formed concrete blockouts and compacted subgrade in accordance with the specification CW3330 and CW3335, set in locations and patterns as shown on the Drawings. Spaces between joints shall be 5mm maximum and shall be uniform and consistent while maintaining true patterns as indicated on the Drawings.
	E17.4.5 (b)	Commence installation of pavers against edge to obtain straightest possible course for installation.
	E17.4.5 (c)	Pavers shall be cut with saw only to obtain true even undamaged edges. Chipped pavers are unacceptable.
	E17.4.5 (d)	Crews shall work on installed pavers, not on sand layer.
	E17.4.5 (e)	Place bedding sand over concrete and level.
	E17.4.5 (f)	Place pavers and spread and fine grade joint sand over paving surface and sweep into joints.

- E17.4.5 (g) Sweep remaining sand over all paving areas and remove from site.
- E17.4.5 (h) Replace at no extra cost all whole or cut stones marked as unacceptable.
- E17.4.5 (i) Remove cracked, chipped, broken or otherwise damaged paving materials from Site immediately.
- E17.4.5 (j) Upon completion, clean in accordance with manufacturers recommendations.
- E17.5 Quality Assurance
- E17.5.1 All workmanship and all materials furnished and supplied under this Specification are subject to close and systematic inspection and testing by the Contract Administrator including all operations, from the selection and production of materials, through to final acceptance of the Work. The Contractor shall be wholly responsible for the control of all operations incidental thereto notwithstanding any inspection of approval that may have been previously given. The Contract Administrator reserves the right to reject any materials or works that are not in accordance with the requirements of this specification.
- E17.6 Measurement and Payment
- E17.6.1 Unit Pavers will be measured on an area basis and will be paid for at the Contract Unit Price per square. The area to be paid for shall be the total installed area of unit paving accepted and measured by the Contract Administrator. Inclusive of bedding sand and joint sand.
- Add: E18 Pruning of Existing Trees
- E18.1 Description
- E18.1.1 Provide all labour, materials, methods, equipment and accessories for pruning of existing trees within the limit of Work.
- E18.2 Quality Assurance
- E18.2.1 Pruning shall be provided by a person with a Manitoba Arborists Certificate with demonstrable experience sourcing and Work.
- E18.3 Pruning Methodology
- E18.3.1 Prune horizontal and vertical within the limits of construction to ensure construction equipment can be operated without interfering with trees to remain.
- E18.3.2 Prune horizontal and vertical within the limits of construction to ensure clear walking path for pedestrians.
- E18.3.3 Prune as required to remove dead, broken or damaged limbs.
- E18.3.4 Prune back to healthy growth while maintaining balanced crown shape.
- E18.3.5 Employ clean sharp tools.
- E18.3.6 Make cuts smooth and flush with outer edge of branch collar near the main stem or branch.
- E18.3.7 Cuts must be smooth and sloping to prevent accumulation of water on cut.
- E18.3.8 Do not leave little stumps ("horns") on trunks or main branches.
- E18.3.9 D39.3.8 Prune according to accepted horticultural practices as outline in "The Pruning Manual", Publication No. 1505-1977 by Agriculture Canada.

E18.4

Measurement and Payment

E18.4.1

Pruning of Existing Trees will be measured on a lump sum basis and paid for at the Contract Unit Price for the "Pruning of Existing Trees". The lump sum price will be for the total number of trees pruned on Henlow Bay from Scurfield Blvd to Fultz Blvd in accordance with this specification, approved by the Contract Administrator..

## **DRAWINGS**

Replace: 85-2018 \_Drawing\_ 17M-01932-C-09-RC with 85-2018 \_Addendum\_1 \_Drawing\_ 17M-01932-C-09-RD

## **FORM B-EXCEL**

Replace: 85-2018 Form B - Excel with 85-2018 Addendum 1 – Form B - Excel. The summary of changes incorporated in the replacement Form B-Excel are outlined in Part A – Bid Submission.