



543-2017 ADDENDUM 1

2017 WALK BIKE INFRASTRUCTURE PROGRAM: MCDERMOT AVENUE PROTECTED BIKE LANES AND VARIOUS OTHER LOCATIONS

URGENT

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

ISSUED: July 7, 2017
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20160708

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.

PART A – BID SUBMISSION

Replace: 543-2017 Bid Submission with 543-2017 Addendum 1 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B(R1): Add Items B.17 to B19 inclusive, D.8(ii), D.20 to D.23 inclusive, and D.25 to D.29 inclusive. (Renummer items following insertions as appropriate)

Form B(R1): Revise quantities for items A.14(b), D.9(i), D.10(ii), D.17(i).

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

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, July 12, 2017.

PART E – SPECIFICATIONS

Add: E22 100mm Concrete Sidewalk with Block-Outs for Interlocking Paving Stones

E22. 100MM CONCRETE SIDWALK WITH BLOCK-OUTS FOR INTERLOCKING PAVING STONES

DESCRIPTION

E22.1 General

E22.1.1 Further to CW 3335 this specification shall cover the construction of 100mm concrete sidewalk with block-outs for interlocking paving stones.

CONSTRUCTION METHODS

E22.2 The Contactor shall construct the proposed 100mm Concrete Sidewalk with Block-outs for Interlocking Paving Stones with a minimum 100mm depth of concrete below pavers. The “block-outs” shall be constructed utilizing forming techniques capable of accommodating the proposed paving stones to the dimension s and tolerances as confirmed with the interlocking paving stone manufacturer.

E22.2.1 The concrete sidewalk shall be poured such that the “block-outs” and remaining sidewalk act as a monolithic section.

- E22.3 A 50mm levelling course of Base Course Material will be used for the 100mm Sidewalk with Block-outs for Interlocking Paving Stones.
- E22.4 All costs in connection with the additional forming and placement of concrete as a result of the “block-outs”, shall be included in the Contract Unit Price for 100mm Concrete Sidewalk with Block-outs for Interlocking Paving Stones.

MEASUREMENT AND PAYMENT

- E22.5 Construction of 100mm Concrete Sidewalk with Block-outs for Interlocking Paving Stones will be measured on an area basis and paid for at the Contract Unit Price per square metre for “100mm Concrete Sidewalk with Block-outs for Interlocking Paving Stones”. The area to be paid for will be the total number of square metres constructed of 100mm Concrete Sidewalk with Block-outs for Interlocking Paving Stones in accordance with this Specification, as accepted and measured by the Contract Administrator.
- E22.5.1 The supply, placement and compaction of Base Course Material for 100mm Concrete Sidewalk with Block-outs for Interlocking Paving Stones shall be included in the cost of 100mm Concrete Sidewalk with Block-outs for Interlocking Paving Stones and no separate measurement and payment will be made.

Add: E23 Supply and Install Directional Bar Tiles

E23. SUPPLY AND INSTALL DIRECTIONAL BAR TILES

DESCRIPTION

- E23.1 General
- E23.1.1 This specification shall cover the supply and installation of directional bar tiles in 100mm concrete sidewalk.
- E23.2 Referenced Specifications and Details
- (a) CW3235 – Renewal of Existing Miscellaneous Concrete Slabs
 - (b) CW 3310 – Portland Cement Concrete Pavement Works
 - (c) CW 3325 – Portland Cement Concrete Sidewalk

MATERIALS

- E23.3 Acceptable Directional Bar Tile product is:
- (a) 305mm x 610mm Cast in Place (Wet Set) with Anchors – Manufactured by ADA Solutions
 - (i) Part# 1224BAT375Y
 - (ii) Flush Mount, Federal Yellow
 - (iii) Fasteners: 6mm Dia. x 38mm Long SS FH Bolts (Hex Drive) and 6mm Dia. x 38mm Long Zinc Inserts
 - (iv) Sealant: Manufacturer recommended

CONSTRUCTION METHODS

- E23.4 Installation of Directional Bar Tiles
- E23.4.1 Install Wet Set Replaceable units as per manufacturer’s recommendations, as shown on attached sketch “Bus Paving Stones (typ)”, and as directed by the Contract Administrator.
- E23.4.2 Where necessary, cut Wet Set Replaceable units accurately using a 60 tooth carbide or diamond blade with a suitable cutting device. No cut unit shall measure less than 250mm in length. In accordance with manufacturer’s recommendations, supplemental fasteners and inserts shall be added as needed when the distance between the cut face of the unit and the original hardware exceeds 100mm.
- E23.4.3 Install Wet Set Replaceable units true to grade, in location, layout and pattern as directed by the Contract Administrator.

- E23.4.4 Wet Set Replaceable units shall be set flush into a minimum 65mm depth of concrete (100 – 175mm slump). Vibrate or tamp (with a rubber mallet) the Wet Set Replaceable units into the fresh concrete to ensure that there are no voids underlying the units and that the units are flush with the adjacent substrate. Temporary weights can be added as necessary in the event of floating during the initial set of the units.
- E23.4.5 Joint lines between successive Wet Set Replaceable Units shall be a consistent joint line between 3-5mm.
- E23.4.6 Maintain a 3-6mm tooled edge detail along the perimeter of the Wet Set Replaceable unit installation. Installation of the tooled edge detail facilitates future removal and replacement of the units.
- E23.4.7 Fill all joints and tooled edge details with Sikaflex 1A, BASF NP1, or Tremco Dymonic Sealant in the color indicated on the contract drawings. Sealant renders the installation water resistant and provides for a pleasing architectural finish.
- E23.4.8 Remove the protective plastic sheeting for the Wet Set Replaceable units within 48 hours of installation, particularly when in direct sunlight or when temperatures exceed 25 degrees C. Failure to do so will be solely at the Contractor's risk and may result in the protective plastic bonding to the unit thus requiring a considerable effort to remove the sheeting.

MEASUREMENT AND PAYMENT

- E23.5 Direction Bar Tiles shall be measured on a unit basis and paid for at the Contract Unit Price for the "Items of Work" listed below. The number of units to be paid for shall be the total number of Directional Bar Tiles supplied and installed in accordance with this specification, as accepted and measured by the Contract Administrator.

Items of Work

- (a) Directional Bar Tiles

APPENDICES

Add: Appendix E Bus Stop Paving Stone Sketch.