

867-2007 ADDENDUM 1

ACCESS BRIDGE TO 330 AND 334 BONNER AVENUE

URGENT

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

ISSUED: December 13, 2007
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20070419

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: **867-2007** Bid Submission with **867-2007** Addendum 1 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B(R1): Revisions to Form B Unit Prices

PART E – SPECIFICATIONS

- Add: E4.2.1 (g) Included in Site Work is the salvaging of the existing balanced aluminium railing along Bonner Avenue and installation as described on the Drawings.
- Add: E4.2.1 (h) Included in Site Work is any item of Work not specifically included elsewhere in this Specification.
- Revise: E4.2.2 (a) to read: The commemorative bench along the temporary access road near Delbrook Cr., as indicated on the drawings is to be removed from the Site or left in place and protected from damage, as accepted by the Contract Administrator, prior to commencement any Works. If removed from Site the commemorative bench is to be stored by the Contractor until such time as the temporary access road has been removed. At that time the commemorative bench is to be placed back in its original position and original condition. The Contractor shall take pictures of the bench from all sides to capture the original condition of the bench prior to removal of the bench from the Site. The Contractor shall take pictures of the bench from all sides to capture the condition of the bench upon placement back on the Site or when Works in the vicinity of the bench are complete to demonstrate the bench is undamaged and is in its original condition. The Contract Administrator shall be present on Site during removal and placement of the bench if the Contractor decides to remove the bench from the Site. Any damage to the bench shall be repaired at the Contractor's expense.
- Add: E4.2.7 Pruning, Removal and Replacement of Trees
- (a) Pruning, removal and replacement of trees not indicated on the Drawings or not in association with the temporary access road, unless otherwise noted on the Drawings, shall be incidental to Site Work and shall be completed in accordance with The City of Winnipeg Urban Forestry guidelines and direction.

Delete: E6

Revise: E8.3 (iii) to read: The Temporary Pedestrian Bridge width is to be a minimum of 1825 mm between the railings.

Revise: E10.5.2 (f) (ii) to read: Design

All forms shall be of wood, metal or other materials as approved by the Contract Administrator, and shall be designed and built mortar-tight. The forms shall be sufficiently rigid to prevent distortion due to the pressure of vibrated concrete and other loads incidental to the construction operations. The forms shall be substantial and unyielding, and shall be designed so that finished concrete will conform to the design dimensions and contours. The shape, strength, rigidity, watertightness and inner surface smoothness of re-used forms shall be maintained at all times. Any warped or bulged formwork shall not be used. Forms that are deemed unsatisfactory by the Contract Administrator in any respect shall not be used.

All forms shall be oiled or otherwise treated to facilitate stripping.

The tying of forms with wires or welded ties or the driving of bolts or nails by hand or by power tools into exposed and finished concrete surfaces will not be permitted.

For narrow walls and columns, where the bottom of the form is inaccessible, or wherever necessary, removable panels shall be provided in the bottom form panel to enable cleaning out of extraneous material immediately before placing the concrete.

The supporting of formwork on mudsills on the ground may be permitted as approved by the Contract Administrator. Design of mudsills shall be subject to the requirements of E10.2 for formwork and falsework.

All falsework and formwork shall be designed and constructed to provide the necessary rigidity and to support the loads without appreciable settlement or deformation.

Falsework and formwork design incorporate dead load deflection and form crushing.

Add: E11.4.2 (b): Piles will be driven with a variation of not more than 20 mm per metre from the vertical. Piles will not be out of position shown on the Drawings more than 75 mm after driving. Any pile or piles driven out of proper location shall be corrected at the Contractor's expense.

Revise: E11.4.3 (c): The Contractor shall furnish the Contract Administrator with the manufacturer's specifications and catalogue for all steam, diesel or air hammers used, showing all the data necessary for computing the bearing value of piles driven. Gravity or drop hammers shall be weighted in the presence of the Contract Administrator, or a certificate of weight shall be furnished to the Contract Administrator. Hammers so weighted shall have a minimum weight of 1500 kilograms exclusive of pile cap. The fall shall be regulated so as to avoid injury to the piles and in no case shall exceed 3 m.

Revise: E11.4.3 (d) to read: All piles shall be driven using a hammer having a minimum driving energy of 65kJ/blow.

Add: E11.4.5 (c): All piles are to be driven to refusal. The definition of refusal to be 15 blows per 25 mm for three (3) consecutive sets based on the procedures and equipment as defined in this Specification.

Delete: E11.4.7(h)

Revise: E12.2.1 (b) to read: The Contractor shall be responsible for design, construction and removal of any temporary shoring deemed necessary by the Contractor to ensure the safety of the workers. Detailed design calculations and Shop Drawings for any temporary works, including falsework and formwork, that are sealed, signed and dated by a Professional

Engineer licensed to practice in the Province of Manitoba and are to be made available to the Contract Administrator, within 48 hours, upon request.

Revise: E15.2 (a) to read: Aluminium balanced railing includes the pedestrian railing on the concrete traffic barriers as indicated on the Drawings.

DRAWINGS

Replace: 867-2007 _Drawing_B176-08-01_Sht1-R0 with 867-2007 _Addendum_1 _Drawing B176-08-01_Sht1-R1
867-2007 _Drawing_B176-08-02_Sht2-R0 with 867-2007 _Addendum_1 _Drawing B176-08-02_Sht2-R1
867-2007 _Drawing_B176-08-03_Sht3-R0 with 867-2007 _Addendum_1 _Drawing B176-08-03_Sht3-R1
867-2007 _Drawing_B176-08-04_Sht4-R0 with 867-2007 _Addendum_1 _Drawing B176-08-04_Sht4-R1
867-2007 _Drawing_B176-08-05_Sht5-R0 with 867-2007 _Addendum_1 _Drawing B176-08-05_Sht5-R1
867-2007 _Drawing_B176-08-06_Sht6-R0 with 867-2007 _Addendum_1 _Drawing B176-08-06_Sht6-R1
867-2007 _Drawing_B176-08-07_Sht7-R0 with 867-2007 _Addendum_1 _Drawing B176-08-07_Sht7-R1
867-2007 _Drawing_B176-08-08_Sht8-R0 with 867-2007 _Addendum_1 _Drawing B176-08-08_Sht8-R1
867-2007 _Drawing_B176-08-09_Sht9-R0 with 867-2007 _Addendum_1 _Drawing B176-08-09_Sht9-R1