

1134-2015 ADDENDUM 1

ST. BONIFACE INDUSTRIAL PARK PHASE 2 – STAGE 1

URGENT

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

ISSUED: January 21, 2016
BY: Paul Sunderland P.Eng.
TELEPHONE NO. 204 489-5900

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20150806

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: 1134-2015 Bid Submission with 1134-2015 Addendum 1 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B(R1): Revised description for item D.6.

PART E – SPECIFICATIONS

Revise: E7.1.3 (d) to read: Excavated material from the retention pond construction shall be disposed of by the placement, grading and compaction of the material to the lines and grades shown on the Drawings and Appendix 'B' – Cut/Fill Plan, or as directed by the Contract Administrator:

Revise: E7.1.3 (f) to read Upon completion of all excavation and material disposal, the excavation and the disposal areas shall be trimmed to the line and grades shown on the Drawings and Appendix 'B' – Cut/Fill Plan, or as located in the field by the Contract Administrator, graded and bladed smooth.

Delete: E7.3

Replace: E12 with:

E12 HIGH PERFORMANCE CULVERTS

E12.1 General

- (a) Further to CW 3610, this specification shall cover the installation of CSP culverts with increased hydraulic performance at the locations shown in the Drawings.

E12.2 Materials

- (a) The CSP culverts installed must be in accordance with the following:
- (i) 2.8 mm wall thickness
 - (ii) 19 mm x 19 mm square stiffeners at 190 mm centres
 - (iii) Provide a Manning's "n" factor equivalent to or less than 0.013
- (b) The following are approved high performance culverts for this project and no culvert not listed is to be installed as a high performance culvert:

- (i) Ultra Flo ®, manufactured by Armtec
- (ii) FloCore Spiral Rib Pipe, manufactured by Canada Culvert
- (iii) Hi-Flo, manufactured by AIL

E12.3 Construction Methods

- (a) Further to CW 3610, install high performance culverts in accordance with the manufacturer's instructions or as directed by the Contract Administrator.