

## 573-2012 ADDENDUM 1

### NORTH END WATER POLLUTION CONTROL CENTRE REHABILITATION OF DIGESTER NO. 11 AND SLUDGE HOLDING TANKS NO. 5 AND 7

#### **URGENT**

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

ISSUED: November 14, 2012  
BY: Jamie Brewster  
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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

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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 D – SUPPLEMENTAL CONDITIONS**

Replace: Form I with the attached Form I (R1). The following is a summary of changes incorporated in the replacement form:

- Form I (R1):
- Add new item to breakout the quantity of crack repair anticipated in Digester No. 11
  - Add new item to breakout the quantity of surface repair (0 to 50 mm deep) anticipated in Digester No. 11 and SHT No. 5 and 7.
  - Add new item to breakout the quantity of surface repair (51 mm to 150 mm deep) anticipated in Digester No. 11 and SHT No. 5 and 7.
  - Add new item to breakout the quantity of surface repair (151 mm to 300 mm deep) anticipated in Digester No. 11 and SHT No. 5 and 7.
  - Add new item to breakout the quantity of repair and demolition anticipated on the underside of the roof of Sludge Holding Tank No. 5 and 7.
  - Add new item to breakout the quantity of repair and demolition anticipated on the walls of Sludge Holding Tank No. 5 and 7.
  - Add new item to breakout the quantity of repair and demolition anticipated on the columns of Sludge Holding Tank No. 5 and 7.
  - Add new item to breakout the quantity of crack repair anticipated in Sludge Holding Tank No. 5 and 7

#### **PART E – SPECIFICATIONS**

Replace: All references to “approved equal in accordance with B7” with “approved equal in accordance with B6”.

Replace: All references to “[www.winnipeg.ca/MatMgt/FolderContent.asp?FOLDER\\_NAME=187-2012&YEAR=2012](http://www.winnipeg.ca/MatMgt/FolderContent.asp?FOLDER_NAME=187-2012&YEAR=2012)” with “[www.winnipeg.ca/MatMgt/FolderContents.asp?FOLDER\\_NAME=187-2012&YEAR=2012](http://www.winnipeg.ca/MatMgt/FolderContents.asp?FOLDER_NAME=187-2012&YEAR=2012)”

Replace Section 01 29 00 with Section 01 29 00 – Addendum 1

Delete: Section 01 52 00 Clause 1.9

- Add: Section 01 98 13 Clause 1.10: .4 Flushing water can be used for the clean water test.
- Add: Section 03 70 00 Clause 2.1.1: .4 Five Star Structural Concrete V/O designed for vertical and overhead structural repairs as supplied by StonCor Group
- Add: Section 03 70 00 Clause 2.1.2: .2 Five Star Bonding Adhesive for bonding fresh concrete to cured concrete as supplied by StonCor Group.
- Delete: Section 07 11 13 Bituminous Damp-Proofing
- Add: Section 09 77 33 Clause 2.2: ALTERNATIVE MATERIAL
- .1 The design is based on the cementitious product identified in clause 2.1. An approved alternative in accordance with B6 is an elastomeric polyurethane product.
- .2 An approved alternative polyurethane product is Polibrid 705 as manufactured by Polibrid Coatings, Inc. and distributed by Carboline.
- Add: Section 09 77 33 Clause 3.5 PREPARATION FOR ALTERNATIVE MATERIAL
- .1 Digester No. 11
- .1 Clean concrete wall surface and roof surface with high pressure water blasting or sand blasting to achieve a surface profile as per coating manufacturer's recommendations.
- .2 Repair concrete surface defects with repair motar as directed by the Contract Administrator.
- .3 Check concrete surface moisture content prior to coating application. Percentage of moisture content at time of coating application must follow the coating manufacturer's written specification.
- .2 Sludge Holding Tanks No. 5 and 7
- .1 Inspect the completed shotcrete surface for acceptance. Apply re-surfacing material as required to achieve a surface profile as per coating manufacturer's recommendation. Submit repair material data to Contract Administrator for review and approval.
- .2 Clean the entire wall and roof to remove surface deposit.
- .3 Check concrete surface moisture content prior to coating application. Percentage of moisture content at time of coating application must be below the coating manufacturer's written specification.
- .4 A NACC certified inspector from the coating manufacturer must inspect and approve the surface preparation prior to coating application.
- Add: Section 09 77 33 Clause 3.6 PLACEMENT FOR ALTERNATIVE MATERIAL
- .1 Use coating manufacturer approved applicator for tank lining work.

.2 Provide adequate facilities including, but not limited to ventilation fans, heaters, dehumidifiers, lighting, for applying coating in a confined space.

.3 Retain a NACC certified inspector to monitor coating application including verification of materials and mixing ratios, checking of environmental conditions and concrete moisture contents and application rates. Submit an inspection report to the Contract Administrator for records at completion of coating work.

.4 Provide a two year warranty against cracking and peeling of the coating system.

Add: Section 09 97 19 Clause 3.2:

.4 It is assumed that the existing paint is not lead based paint.

Add: Section 25 05 00 Clause 1.8.4:

.12 All custom control drawings to be sealed by Professional Engineer

Add: Section 26 05 00 Clause 2.1:

.8 All cable tray to be aluminum. Cable tray to be sized to accommodate all cables specified plus 50% spare capacity. Ensure power cables are installed with adequate spacing to allow free-air rating of cables or provide cables sized to allow for de-rating of cables per latest edition of CEC.