

## WEST END SEWAGE TREATMENT PLANT – CONSTRUCTION OF EFFLUENT MONITORING STATION

### **URGENT**

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

ISSUED: September 27, 2016  
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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

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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 E – SPECIFICATIONS**

#### **NMS SECTION 23 05 05 – Pipework**

Revise 2.1.2.2 to read:

Stainless steel 50 mm by 12 mm thick puddle flange in combination with Hydrotite hydrophilic waterstop at the stainless steel pipe embedded mid-wall location

#### **NMS SECTION 22 42 01 – Plumbing Specialties and Accessories**

Add 2.7: Floor Drains

Add 2.7.1: Floor drains to CSA B79.

Add 2.7.2: Dura-Coated cast iron body with bottom outlet, combination invertible membrane clamp and adjustable collar with seepage slots and "Type BS" stainless steel, heel-proof, medium duty strainer assembly.

Add 2.7.3: Acceptable Product: Zurn ZL415-4NH-6BS or equivalent in accordance with B7.

Add 2.8: Ball Valves

Add 2.8.1: NPS 2 and under:

1. All valves shall be rated at 230 psi maximum working pressure.
2. All valves shall have Safety Shear stem design, blowout-proof with double o-rings for safety.
3. All valves shall be full port and two-way blocking design.
4. All valves shall be CRN (Canadian Registration Number) registered with TSSA.
5. All PVC valves with EPDM seals shall be certified under NSF/ANSI Standard 61.
6. All valves shall have chemical resistance labels permanently marked with manufacturing number to provide production level traceability.
7. PVC compound shall have an ASTM cell classification 12454-A as per ASTM D-1784.
8. Socket ends in PVC shall be Schedule 80 and conform to ASTM D-2467.
9. Acceptable Product: Chemline 21A020ES or equivalent in accordance with B7.

- Add 2.8.2: NPS 2 ½ and over:
1. All valves shall be rated at 150 psi maximum working pressure.
  2. All valves shall have Safety Shear stem design, blowout-proof with double o-rings for safety.
  3. All valves shall be full port and two-way blocking design.
  4. All valves shall be CRN (Canadian Registration Number) registered with TSSA.
  5. All PVC valves with EPDM seals shall be certified under NSF/ANSI Standard 61.
  6. All valves shall have chemical resistance labels permanently marked with manufacturing number to provide production level traceability.
  7. PVC compound shall have an ASTM cell classification 12454-A as per ASTM D-1784.
  8. Socket ends in PVC shall be Schedule 80 and conform to ASTM D-2467.
  9. Acceptable Product: Chemline 21A040ES or equivalent in accordance with B7.

Add 2.9: Ball Check Valves

- Add 2.9.1: NPS 2 ½ and over:
1. All valves shall be rated at 100 psi maximum working pressure.
  2. All PVC valves shall have EPDM seats and union ends. The elastomer uniseat/seal shall function as both the ball seat and the union seal.
  3. All PVC valves shall be single union.
  4. PVC compound shall have an ASTM cell classification 12454-A as per ASTM D-1784.
  5. Socket ends in PVC shall be Schedule 80 and conform to ASTM D-2467.
  6. Acceptable Product: Chemline BCA040ES or equivalent in accordance with B7.