



892-2007 ADDENDUM No. 1

DUGALD WASTEWATER PUMPING STATION

URGENT

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

ISSUED: March 10, 2008
BY: Grantley King, P.Eng.
TELEPHONE NO. (204) 272-2013

**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 B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, March 18, 2008

PART E – SPECIFICATIONS

Revise: E11.2:

(f) Grout

- (i) Grout, if required, shall be Sika Grout 212 or an approved equal, mixed and applied in accordance with the manufacturers instructions and of a consistency suitable for the intended application, as approved by the Contract Administrator.

to read:

(f) Grout

- (i) Grout, if required, shall be Sika Grout 212 or CPD Non Shrink Grout, or an approved equal, mixed and applied in accordance with the manufacturers instructions and of a consistency suitable for the intended application, as approved by the Contract Administrator.

Revise: E12.2:

(c) Grout

- (i) Grout shall be Sika Grout 212 or approved equal in accordance with B6 in accordance with B6.

to read:

(c) Grout

- (i) Grout shall be Sika Grout 212 or CPD Non Shrink Grout, or approved equal in accordance with B6.

Revise: E21.2:

- (a) Board insulation: expanded polystyrene board to CAN/ULC-S701, Type 3, thickness as indicated on Drawings, ship lapped edges. Acceptable material: Styrofoam Cavitymate.

to read:

- (a) Board insulation: expanded polystyrene board to CAN/ULC-S701, Type 3, thickness as indicated on Drawings, ship lapped edges. Acceptable material: Styrofoam Cavitymate or Owens Corning – Celfort 300.

Revise E14.2:

- (a) Waterproofing membrane: Styrene-Butadiene-Styrene (SBS) elastomeric polymer, prefabricated sheet, reinforced with non-woven polyester weighing 180 g/m². Top surface polyethylene film. Bottom surface: thermofusible plastic film. Acceptable material: Soprema Sopralene Flam 180, IKO Aquabarrier TG.

to read:

- (a) Waterproofing membrane: Styrene-Butadiene-Styrene (SBS) elastomeric polymer, prefabricated sheet, reinforced with non-woven polyester weighing 180 g/m². Top surface polyethylene film. Bottom surface: thermofusible plastic film. Acceptable material: Soprema Sopralene Flam 180, IKO Aquabarrier TG or Bakor Blueskin TG.

Revise E32.2.1:

E32.2.1 Pumping Station Ventilation Fans

- (b) Provide centrifugal inline bolt-driven supply and exhaust fans c/w spring vibration isolation hangers and two speed motors, refer to fan schedule on drawing 7501.
- (c) Acceptable materials: Greenheck BSQ or approved equal in accordance with B6 in accordance with B6.
- (d) Low Pressure Duct Sealer: Apply Duro-Dyne S-2 duct sealer, to all outside air, supply and exhaust ducts.

to read:

E32.2.1 Pumping Station Ventilation

- (a) Provide centrifugal penn fans or inline bolt-driven supply and exhaust fans c/w spring vibration isolation hangers and two speed motors, refer to fan schedule on drawing 7507.
- (b) Acceptable materials: Greenheck BSQ, Loren Cook or approved equal in accordance with B6 in accordance with B6.
- (c) Low Pressure Duct Sealer: Apply Duro-Dyne S-2 duct sealer, to all outside air, supply and exhaust ducts.

Revise E32.2.3:

E32.2.3 Louvres and Wall Openings

- (a) Provide Airlite K605x rain louvres as shown and/or specified including inlets and outlets complete with manual opposed blade dampers 13 mm square mesh, 1.6 mm aluminum birdscreening with standard formed U-frame.

to read:

E32.2.3 Louvres and Wall Openings

- (a) Provide Ventex, Ruskin, Westvent or Airlite K605x rain louvres as shown and/or specified including inlets and outlets complete with manual opposed blade dampers 13 mm square mesh, 1.6 mm aluminum birdscreening with standard formed U-frame.

Revise E34.2.24 (e):

- (ii)c. (iv) 3A1 – Two position Selector Switch (SS/ATL)

to read:

- (ii)c. (iv) 3A1 – Three position Selector Switch (SS/ATL plus HOA)

Revise E34.2.24 (e):

- (ii)c. (v) 10A3 – 150 VA Control Power Transformer (Fused Primary)

to read:

- (ii)c. (v) 10A3 – 150 VA Control Power Transformer (Fused Primary and Secondary)

Revised E34.2.25 (aa):

- (i)a. (i) 1 – 200 3P Main Breaker

to read:

- (i)a. (i) 1 – 3P200 Service Entrance Rated Main Breaker

Delete E34.2.25 (aa):

- (i)a. (ii) Utility CT Chamber

Revised E34.2.25 (aa):

- (ii) (ii) Distribution Panel A, 100A,

to read:

- (ii) (ii) Distribution Panel A, 125A,

Revised E34.2.27:

- (b) 4.8kW, 208V, 1

to read:

- (b) 4.8kW, 208V, 1Ø

Revise E34.3.26:

- (b) Conduit shall be rigid P.V.C. Minimum size to be 12 mm.Rigid PVC (Unplasticized) conduit to CSA C22.2 No. 211.2-M1984.

to read:

- (b) Conduit shall be rigid P.V.C. Minimum size to be 16 mm.Rigid PVC (Unplasticized) conduit to CSA C22.2 No. 211.2-M1984.

DRAWINGS

Refer to view E/E01 on dwg 7505,

1. Remove wiring description 3#8-21C from 3P40 to Transformer.
2. Remove wiring description 4#6-27C from Transformer to Panel 'A'.
3. Replace 100A Panel 'A' with 125A Panel 'A'.
4. Remove 1-3P60 with description 'HC-1'only.
5. Replace 30kVA MB Hydro Transformer with 225kVA MB Hydro Transformer.
6. Meter to be 200A Line Voltage Meter.

Refer to view F/E01 on dwg 7505,

1. Remove CT Chamber, make as Spare Section.

2. Remove 3P200 Main Breaker, to be a 3P200 service entrance rated Main Breaker.
3. Benshaw S/S Starters complete with Hand-Off-Auto (HOA)
4. An Hour Metering section for S/S switches for Pumps.

Refer to New Construction Notes on dwg 7505,

1. Note 1 – Replace 100a Panel with 125A Panel.
2. Note 23 – Alarm and Control Panel (R.T.U.) supplied by City of Winnipeg.

Refer to Equipment Control Notes on dwg 7505,

1. Replace entire note with note below:
 1. Supply and Installation of Alarm & Control Panel (R.T.U.) to be done by the City of Winnipeg.
 2. Electrical Contractor to install 2-27 conduits complete with 12#14 stranded wires from R.T.U. Panel to MCC, leave 1500 of extra cable in the MCC and R.T.U. Panel for connection by the City of Winnipeg. Verify. Verify location of R.T.U. Panel prior to installation.
 3. Supply and connection of D.P. cell by the City of Winnipeg.
 4. Supply and installation of 2-High Level Float by the City of Winnipeg – Water & Waste Department.
 5. Electrical Contractor to install 27 conduit c/w 24V cable and 1 Pr TWSA from D.P. cell to R.T.U. Panel. Install 21 conduit to location of wet well High Level Float c/w 4#14 stranded wires to R.T.U. Panel. Verify location with City of Winnipeg – Water & Waste Department. Install 21 conduit to Sump Pump area for a station High Level Alarm Float from R.T.U. Panel c/w 4#14 stranded wires.

Refer to Emergency Equipment Notes on dwg 7505,

1. Note 1 – wiring size should be 2#12-16C and not 2#12-18C.
2. Note 2 – wiring size should be 2#12-16C and not 2#10-18C.

Refer to Drawing Notes on dwg 7507,

1. Note 4 – Grille Type “A” should be Titus or E.H Price 510 D/F/L/A. Locate grille to direct air away from sewage and water lines. Confirm exact location on site.
2. Note 7 – Grille Type “B” should be Titus or E.H Price 530 D/F/L/A.