



480-2007 ADDENDUM 3

PERIMETER ROAD PUMPING STATION UPGRADES – CONTRACT B –
BUILDING UPGRADES

ISSUED: January 25, 2008
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URGENT

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

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

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 B3.1 to read: Further to C3.1, the Contract Administrator or an authorized representative will be available at the Site, located at 6821 Wilkes Avenue, from 9:00 to 12:00 noon on January 8, 2008, from 9:00 to 12:00 noon on January 14, 2008 **and from 9:00 to 11:30 am on January 29, 2008** to provide Bidders access to the Site.

PART D – SUPPLEMENTAL CONDITIONS

Replace D2.2(c) to read: Removal of ventilation fans and ductwork, and provision of temporary Wet Well exhaust ventilation.

PART E – SPECIFICATIONS

Add E12 to read: **EXISTING INFORMATION**

E12.1 Existing building drawings are available for review at UMA Engineering Ltd., 1479 Buffalo Place between 8:00 am and 5:00 pm.

NMS SPECIFICATIONS

Section 013513.43 – Special Project Procedures for Contaminated Sites

Add NMS Specification 480-2007_Addendum_3-NMS_Section_01351343

Section 013529.14 – Health and Safety for Contaminated Sites

Add NMS Specification 480-2007_Addendum_3-NMS_Section_01352914

Section 013543 – Environmental Procedures

Add NMS Specification 480-2007_Addendum_3-NMS_Section_013543

Section 02066 – Contaminated Soils

Replace NMS Specification Section 02066 with 480-2007_Addendum_3-NMS_Section_02066

Section 02209 – Excavating, Trenching and Backfilling

Delete NMS Specification Section 02209.

Section 026133 – Hazardous Materials

Replace NMS Specification Section 026133 with 480-2007_Addendum_3-NMS_Section_026133

Section 026500 – Underground Storage Tank Removal

Replace NMS Specification Section 026500 with 480-2007_Addendum_3-NMS_Section_026500

Section 075200 – Modified Bituminous Membrane Roofing

Replace NMS Specification Section 075200 with 480-2007_Addendum_3-NMS_Section_075200

Section 087111 – Door Hardware Schedule

Add NMS Specification 480-2007_Addendum_3-NMS_Section_087111

Section 230933 – Control System for HVAC

Replace 3.2.2.5 to read: A pressure sensor located in the discharge duct from M609-AHU, provided by the controls contractor will provide internal signal to the VFD controlling the unit to maintain constant discharge plenum pressure regardless of VAV position.

Replace 3.4.2.2.3 to read: If room temperature increases above 28° (83°F), the DCS will send a signal to the west wall supply air fan M634-EF to provide additional air directly from outside. Air will exhaust via gravity damper M633-DP. Fan will stop upon reaching 25°C (77°).

Replace 3.7.2.5 to read: Temperature sensor M636-TT monitors L300 temperature in the Wet Well.

Replace 3.7.2.7 to read: M920-GD, M021-GD, and M930-GD, M931-GD monitor respective levels of Wet Well for presence of flammable or Hydrogen Sulphide gas respectively.

Section 237400 – Packaged Outdoor HVAC Equipment

Replace 2.1.1 to read: Self-contained single zone unit with modulating as burner and with ETL, ULC, or CSA labelling for packaged assembly, and CSA/CGA or ULC listing for components.

Replace 2.1.2 to read: Unit to consist of cabinet and frame, galvanized steel inlet (outdoor) air damper with motorized actuator, supply fan, heat exchanger, burner with integral induced draft fan, heater control, air filter section and disposable air filters.

Replace 2.2.2 to read: Framing and supports: 2 mm thick welded steel, galvanized after manufacture, with lifting lugs.

Add 2.3.2: Fan to be controlled by external VFD, supplied by Division 26, and mounted in M.C.C. in main building.

Replace 2.4.1 to read: 50 mm thick, minimum ASHRAE 52.2 MERV 5 rating.

Replace entire 2.5.1 to read: High efficiency, modulating, multiple flue passes, with all stainless steel heating surfaces.

- .1 Construct entire primary and secondary heat transfer surfaces from Type 409 Series stainless steel.
- .2 Type 409 stainless steel burner shall feature an integral combustion air blower and motor; combustion air proving switch, removable pilot assembly and positive pilot combustion air supply.

- .3 The combustion air damper shall be interlocked with the main gas valve to ensure proper air/gas mixture.
- .4 The unit shall be suitable for natural gas and designed and certified by ETL and CGA to provide full gas modulation. The minimum turndown ratio shall be 15:1.

Replace 2.7.1.1 to read: Indicator lights/LED display for System Status (On/Off), Burner On, Flame Failure, an Dirty Filters.

Replace 2.7.1.2 to read: Indicator light/LED display test function.

Replace 2.7.1.3 to read: Summer / Off / Winter selector switch.

Delete: 2.7.1.4

Replace 2.7.2 to read: Provide LED or LCD indicator for inlet and discharge air temperature (degrees C, or C and F).

Section 263214 – Power Generation Natural Gas

Add 2.12 to read: Manufacturer:

- .1 Acceptable manufacturer: Kholer, Caterpillar, Waterous Power Systems, or approved equal in accordance with B6.

Section 263623 – Automatic Transfer Switches

Add 2.7 to read: Manufacturer:

- .1 Acceptable manufacturer: ASCO, Thompson Technology, or approved equal in accordance with B6.

Section 265201 – Unit Equipment for Emergency Lighting

Replace NMS Specification Section 265201 with 480-2007_Addendum_3-NMS_Section_265201

Section 295001 – Instrumentation Specification Sheets

Replace NMS Specification Section 295001 with 480-2007_Addendum_3-NMS_Section_295001

Section 312310 – Excavating, Trenching and Backfilling

Replace 3.9.1 to read: Excavate contaminated soils in accordance with Section 02066 – Contaminated Soils.

Delete: 3.9.2

Add 3.10.1.3 to read: Area excavated to remove fuel tank: use Type 3 fill to subgrade level. Compact to 95% of corrected dry density.

Appendix B – Hydrogeologic Assessment Report

Add 480-2007-Addendum_3_Memorandum_Jan 17_Updated Groundwater Readings to Appendix B.

DRAWINGS

Replace 480-2007_Drawing_1-0111L-M0001-RD with 480-2007-Addendum_3_Drawing_1-0111L-M0002-RE

Replace 480-2007_Drawing_1-0111L-M0008-RD with 480-2007-Addendum_3_Drawing_1-0111L-M0008-RE

Replace 480-2007_Drawing_1-0111L-E0002-RD with 480-2007-Addendum_3_Drawing_1-0111L-E0002-RE

Replace 480-2007_Drawing_1-0111L-E0003-RD with 480-2007-Addendum_3_Drawing_1-0111L-E0003-RE

Replace 480-2007_Drawing_1-0111L-E0004-RD with 480-2007-Addendum_3_Drawing_1-0111L-E0004-RE

Replace 480-2007_Drawing_1-0111L-E0005-RD with 480-2007-Addendum_3_Drawing_1-0111L-E0005-RE

Replace 480-2007_Drawing_1-0111L-E0006-RD with 480-2007-Addendum_3_Drawing_1-0111L-E0006-RE

Replace 480-2007_Drawing_1-0111L-E0007-RB with 480-2007-Addendum_3_Drawing_1-0111L-E0007-RC

Replace 480-2007_Drawing_1-0111L-E0010-RD with 480-2007-Addendum_3_Drawing_1-0111L-E0010-RE

Replace 480-2007_Drawing_1-0111L-S0001-RD with 480-2007-Addendum_3_Drawing_1-0111L-S0001-RC

Replace 480-2007_Drawing_1-0111L-S0005-RD with 480-2007-Addendum_3_Drawing_1-0111L-S0005-RC

Replace 480-2007_Drawing_1-0111L-S0007-RD with 480-2007-Addendum_3_Drawing_1-0111L-S0007-RC

Replace 480-2007_Drawing_1-0111L-S0009-RD with 480-2007-Addendum_3_Drawing_1-0111L-S0009-RC