



## 205-2011 ADDENDUM #3

### RELOCATE MECHANICAL AND POOL EQUIPMENT – WESTDALE OUTDOOR POOL, 550 DALE

#### **URGENT**

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

ISSUED: August 12, 2011  
BY: Kathy Roberts  
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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 8 of Form A: Bid may render your Bid non-responsive.

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#### **PART B – BIDDING PROCEDURES**

Revise: B2.1 to read: The Submission Deadline is 4:00 p.m. Winnipeg time, August 17, 2011.

#### **PART D – SUPPLEMENTAL CONDITIONS**

D2.2(c) **PHASE 3: Re-Installation of Equipment after Concrete Wall Repairs**

D2.2(c)(ii) **North Basement Room**

Revise: D2.2(c)(ii)(3) to read: Supply and install new light fixtures per Drawing E-1. Provide new connection to existing panel: new breaker, conduit and wiring as required.

Delete: D2.2(c)(ii)(4)

Delete: D2.2(c)(ii)(5)

D2.2(c)(iii) **South Basement Room**

Revise: D2.2(c)(iii)(3) to read: Cap off two (2) existing discharge vents at furnace supplying South Basement Room. Supply and install new electric force flow heater.

Delete: D2.2(c)(iii)(4)

Page numbering on some forms may be changed as a result.

## **PART E – SPECIFICATIONS**

Revise: E1.2 to read: The following are applicable to the Work:

<u>Drawing No.</u>	<u>Drawing Name/Title</u>
	Cover Sheet
M-1	MECHANICAL ROOM PLAN
M-2	SCHEMATIC – SOUTH MECHANICAL ROOM
M-3	SCHEMATIC – NORTH MECHANICAL ROOM
E-1	LIGHTING LAYOUT

Add: **E13 GENERAL EXECUTION**

- E13.1 After building occupancy has been restored, the remaining Work in PHASE 3: Re-Installation of Equipment after Concrete Wall Repairs and PHASE 4: Equipment Start-Up shall be performed while the upstairs facility is open to the public.
- E13.2 Any shutdown that would affect normal use of the upstairs facility must be coordinated in advance with the Contract Administrator, and must be carried out in an acceptable time and manner, so as to be least disruptive to the facility.
- E13.2 Manufacturer's nameplates and CSA labels shall be visible and legible after equipment is installed

**E14 ELECTRICAL**

- E14.1 All wiring shall be run in conduit. Conduit shall be EMT, minimum size 21mm (3/4"). Conductors shall be:
- (a) Type: RW90
  - (b) Conductor Sizing:
    - (i) Solid Copper #10 AWG and smaller.
    - (ii) Stranded Copper #8 AWG and larger.
    - (iii) Minimum conductor size #12 AWG.
  - (c) Insulation: Cross link polyethylene (RW90), (RWU90), 90 deg. C.
  - (d) Configuration: Single conductor.
  - (e) Voltage Rating: Minimum 600V.
  - (f) Certification: CSA C22.22 No. 38 or latest revision.
- E14.2 Light Fixture Standard of Acceptance is: Beghelli Illumina BS100-48T8232-120. Furnish and install the specified lamps for all lighting fixtures installed. Clean fixtures and lenses as part of final cleaning for Total Performance.
- E14.3 Installation
- (a) Group and lace-in neatly wire and cable installed in switchboards, panelboards, cabinets, wireways and other such enclosures.
  - (b) Identify control conductors in motor control equipment, contactors, fire alarm panels, etc. with mylar/cloth wire markers.
  - (c) Cables and conduit shall be adequately supported, and shall not be supported with tie wire or perforated strapping.
  - (d) System grounding and bonding shall be as per the current edition of the Canadian Electrical Code, the current edition of the CSA, and all local codes and bylaws.
  - (e) At no time will the Contractor leave any energized electrical equipment or devices open or exposed in a public area without having qualified electrical personnel working on or guarding the exposed electrical components.
  - (f) In general and where practical, all conductors should be continuous (no splices) from their point of origin to their point of termination.
  - (g) All electrical work shall be carried out by qualified, licensed electricians or apprentices. Employees registered in a provincial apprenticeship program shall be permitted, under

the direct supervision of a qualified licensed electrician, to perform specific tasks – activities permitted shall be determined based on the level of training attained and the demonstration of ability to perform specific duties.

E14.4 Protect exposed live equipment during construction for personnel safety. Shield and mark live parts "LIVE ( ) VOLTS", with appropriate voltage in English. Arrange for installation of temporary doors for rooms containing electrical distribution equipment. Keep these doors locked except when under direct supervision.

**E15 FORCE FLOW HEATER**

E15.1 Supply and install one (1) force flow heater along west wall in South Mechanical Room.

E15.2 Heater shall be 9kW, 208V, 3 phase, and shall have integral temperature control. Standard of Acceptance: Ouellet model OAC09038. Provide new connection to existing 208V 3 phase panel: new breaker, conduit and wiring, as required.

**DRAWINGS**

Add: 205-2011 \_Drawing\_ E-1