Corporate Finance Department
Materials Management Branch

368-2005 ADDENDUM NO. 1

COMPUTER ROOM COOLING UPGRADE
PUBLIC SAFETY BUILDING 151 PRINCESS STREET

ISSUED: August 8, 2005
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URGENT

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

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

Template Version: A20050506

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 August 16, 2005"

PART E – SPECIFICATIONS

Mechanical

.1 Section 15800, 3.1.6. – Add:

"Refrigeration line sizes and trap quantity and locations shall be as per manufacturers recommendations and based on final layout of system."

.2 Section 15800, 3.1.6. – Add:

"Re-use of existing refrigeration lines will not be acceptable. All piping, insulation, fittings, etc. to be new."

.3 Revise standard specification detail MD-1, Add note:

"C-port piping support systems will be an acceptable method of roof mounted piping support."

.4 Revise mechanical air distribution specification section 15800, to include:

.1 Section 15800, 2.1.1.1.1 – Delete:
"Unit shall be used in a refrigeration circuit to match a packaged fan coil unit."

.2 Section 15800, 2.3.3 - Add:

.1 Floor stands (12" high) and turning vanes to be supplied with units. Stands to be constructed of welded steel frame and shall have adjustable legs with vibration isolation pads.

.2 Include: "The main unit colour shall be IBM Charcoal Grey."

.3 Revise 15800, 2.3.4 to read:

.1 The fan section shall be designed for 9,350 L/S (5,500 CFM) at an external static pressure of 125 Pa (0.5" w.c. ESP). The fans shall be the centrifugal type, double width double inlet, and shall be statically and dynamically balanced as a completed assembly to a maximum vibration level of two mils in any plane. The shafts shall be heavy duty steel with self-aligning permanently sealed pillow block bearings with a minimum L3 life of 200,000 hours. The fan

motor shall be 2.2kW (3HP) at 1750 RPM and mounted on an adjustable slide base. The drive package shall be multi-belt, variable speed, sized for 200% of the fan motor horsepower. The fans shall be located to draw air over the A-Frame coil to ensure even air distribution and maximum coil performance.

.4 Revise 15800, 2.3.5 Advanced control processor:

"Large graphic display to be based with 320 x 240 dot matrix graphic display panel."

.5 Delete 15800, 2.3.6.6 – Fan Speed Control Condenser.

.6 Delete 15800, 2.3.7.2 – Disconnect Switch (Locking Type)

.7 Delete 15800, 2.3.7.3 – Temperature and Humidity Recorder

.8 Add to 15800, 2.3.7 – High Temperature Sensor

.1 The high temperature sensor shall be factory-installed in the unit and shall be factory-set to 125°F (52°C). It shall immediately shut down the environmental control system when activated. The sensor shall be mounted with the sensing element in the return air stream.

.2 Provide 2 Liquitect liquid detection sensors under the raised floor.

.9 Revise all references from R-22 to R-407C.

Electrical

Revise: Drawing E-1

Add Note: Disconnect and retain the existing fire alarm shutdown wiring currently connected to each existing AC unit. Re-connect the wiring to the new air conditioning units. Re-test the shutdown signal from the fire alarm and issue a verification report by the alarm system supplier.