



427-2015 ADDENDUM 2

TRANSPORTATION MANAGEMENT CENTRE RENOVATIONS 821 ELGIN AVENUE

URGENT

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

ISSUED: July 15, 2015
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20150105

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.

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 4:00 p.m. Winnipeg time, July 23, 2015.

Add: B11.2 (f) Inland Audio Visual

PART E – SPECIFICATIONS

Add: **E4. APPENDIX 'B' – SECTION 087100**

E4.1 Door and Door Hardware Schedule – Section 087100 is contained in Appendix 'B'.

Add: **E5. CITY OF WINNIPEG RESONSIBILITY – ENERGY USE**

E5.1 The City of Winnipeg will be responsible for paying all energy use or costs on the existing systems (running through the existing meter) during the duration of the construction. The Prime Contractor will be responsible for the costs of any other energy use (i.e. temporary gas heaters, etc.).

Add: **E6. A/V EQUIPMENT – POWER REQUIREMENTS**

E6.1 **Room R04**

Table

Client Laptops – 250 BTU/HR x 8 = **2000 BTU/HR** (at full load on a 75w power supply)

Miscellaneous Gear:

XTP TX – 32.6 BTU/HR x 4 = **130.4 BTU/HR**
SW4 USB = **48 BTU/HR**

East Wall

Samsung Display = 240 BTU/HR
DTP RX = **19 BTU/HR**

West Wall

Epson Projector = 1310 BTU/HR
DTP RX = **19 BTU/HR**

Room R05

Table(s)

Not including 4x PC's and 16x Monitors (already in existing calculation)
XTP HDMI TX = 32.6 BTU/HR x 4 = **130.4/HR**

Video Wall & Rack (North Wall)

| | | |
|--|-------------------|--|
| Displays | 615 BTU/HR x 8 | = 4920 BTU/HR |
| Rack Gear: | | |
| Video Wall Processor | | = 5120 BTU/HR (at full loaded) |
| Control System + Misc. | | = 55 BTU/HR |
| AV Bridge | | = 170 BTU/HR |
| Audio DSP | | = 780 BTU/HR (at full load) |
| XTP RX | – 36.6 BTU/HR x 9 | = 329.4 BTU/HR |
| DTP TX | – 10.4 BTU/HR x 3 | = 31.2 BTU/HR |
| CATV Receivers | | = 132 BTU/HR |
| Client PC's (4x cameras & 1x base pc.) | – 1000 BTU/HR x 5 | = 5000 BTU/HR (at full load on a 300w power supply) |

Cooling for Rack

Middle Atlantic UQFP-4 (one per rack bay, assume 3-bays for now)

100 CFM per fan panel

<http://www.middleatlantic.com/products/accessories/thermal-management/uqfp-series-ultra-quiet-fan-panels/uqfp-4.aspx>

DRAWINGS

Replace: 427-2015_Drawing_A2.1-R1 with 427-2015_Addendum_2-Drawing_A2.1-R2
427-2015_Drawing_A2.3-R1 with 427-2015_Addendum_2-Drawing_A2.3-R2
427-2015_Drawing_A4.1-R1 with 427-2015_Addendum_2-Drawing_A4.1-R2
427-2015_Drawing_A8.1-R1 with 427-2015_Addendum_2-Drawing_A8.1-R2
427-2015_Drawing_M1.0-R2 with 427-2015_Addendum_2-Drawing_M1.0-R3
427-2015_Drawing_M2.0-R2 with 427-2015_Addendum_2-Drawing_M2.0-R3
427-2015_Drawing_M2.1-R1 with 427-2015_Addendum_2-Drawing_M2.1-R2
427-2015_Drawing_M2.2-R1 with 427-2015_Addendum_2-Drawing_M2.2-R2
427-2015_Drawing_M2.3-R2 with 427-2015_Addendum_2-Drawing_M2.3-R3

Add: 427-2015_Addendum_2-Drawing_05F137-01A-R0
427-2015_Addendum_2-Drawing_05137-02A-R0
427-2015_Addendum_2-Drawing_05F137-03A-R0
427-2015_Addendum_2-Drawing_05137-04A-R0

427-2015_Addendum_2-Drawing_05F137-05A-R0

Delete: 427-2015_Drawing_A2.2-R0