



429-2011 ADDENDUM 9

DESIGN AND CONSTRUCTION OF THE PUBLIC WORKS EAST YARD COMPLEX AT THE FORMER ELMWOOD NAIRN LANDFILL SITE

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE
REQUEST FOR PROPOSAL**

ISSUED: July 18, 2011
BY: Barry Evenson
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE REQUEST FOR PROPOSAL AND
SHALL FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: Ar20070420

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Request for Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 9 of Form A: Proposal may render your Proposal non-responsive.

The following have been added to the ftp site. The City is providing this additional information for the convenience of Bidders and makes no representation as to its accuracy. Please note .pdf drawings are not to scale.

1. Appendix C6- Electronic security installation requirements rev 6 (*PDF File*)

APPENDIX C – SPECIFICATIONS

Revise Appendix C1 Outline Specifications

- | | | |
|---------|---------------------|---|
| Revise: | 14 20 07 - 1.7.1 .1 | (14 20 07 1.7.1 Maintenance p2)
A comprehensive Elevator Maintenance Contract is to be provided by the Design Build Team. The Elevator Maintenance Contract shall furnish a complete and scheduled service and maintenance agreement for elevator system components and shall list all services to be provided (and exclusions) associated with the testing, inspection, maintenance, repair and/or replacement of elevator equipment under contract for a 5-year term commencing upon commissioning of the elevator system. |
| Revise: | 26 05 03 - 1.4.5.2 | (26 05 03 - 1.4.5 Site Lighting, p4)
High mast luminaires with lowering gear for yard areas. High mast luminaire assemblies shall provide a vibration free platform for mounting of yard CCTV cameras during winds up to 50km/h and shall accommodate video in the lowering cable. |
| Revise: | 27 05 13 - 1.4.4.2 | (27 05 13 - 1.4.4 Intercom Systems, p2)
Locate Master station (head end) in telecommunications rooms. |
| Add: | 27 05 13 - 1.4.4.5 | (27 05 13 - 1.4.4 Intercom Systems, p3)
Each Remote Station shall have the capability to open card access controlled doors/gates associated with (located adjacent to) each Calling Station. This capability shall be enabled by card reader adjacent to each Remote Station for one open cycle only. Each open request via the intercom station pushbutton shall require a card read to identify the person utilizing the intercom station pushbutton. |

- Add: 27 05 13 - 1.4.4.6 (27 05 13 - 1.4.4 Intercom Systems, p3)
The Reception area shall have the capability to enable/disable all other remote intercom stations (reception unattended) so that while the reception is occupied, intercom calls are only sent to the reception remote intercom station. The systems time schedule shall automatically switch the system between unattended mode and attended modes during normal business hours. Visual annunciation on whether a station is enabled is to be provided at each intercom remote station.
- Revise: 27 05 13 - 3.6.1 (27 05 13 - 3.6 Cable Television system, p6)
No additional requirements.
- Revise: 28 13 00 - 1.4.1.3 (28 13 00 - 1.4.1 Fire Alarm System, p2)
Alarm, supervisory and trouble are to be annunciated at the City of Winnipeg Central Monitoring Location via the Building Automation System by dry contact. In addition, all field devices are to annunciate at the Central Monitoring Station via the Building Automation System using a network connection between the Fire Alarm System and the Building Automation System.
- Add: 28 13 00 - 1.4.2.7 (28 13 00 - 1.4.2 Access Control and Intrusion Detection, p3)
Adjacent to each Intercom Remote Station. These card readers shall enable the Intercom Remote Station to open a door/gate associated with the calling station for one open cycle. Only the Access Control point associated with the calling station which initiated the call shall be able to be opened.
- Revise: 28 13 00 - 1.4.2.4 (28 13 00 - 1.4.2 Access Control and Intrusion Detection, p3)
Arming and Disarming of select components of the Access Control system shall be provided by:
1. Four Card readers to allow uncontrolled use of all overhead door controllers. When uncontrolled use is allowed, the card readers adjacent to each overhead door shall visually annunciate that the door controller has uncontrolled use.
 2. Eight Card readers, four for each pair of motorized sliding gates, locking the gates in the open position. Second swipe shall return the gates to normal operation.
 3. Two card readers to provide uncontrolled access from the Lunch/Multipurpose room to the Marshalling areas, including doors in the path of access.
 4. Four Card readers with functionality as advised by the City of Winnipeg.
 5. The Systems Time Schedule, which will automatically arm and disarm select components and/or security partitions.
 6. City of Winnipeg Central Monitoring Station.
 7. Install the above Card Readers in locations as directed by the City of Winnipeg.
 8. Program specialized cards which will provide a valid read on the above card readers. The City of Winnipeg may elect to assign privileges as an alternative to specialized cards.
 9. The above card readers shall visually annunciate their status (override/normal).
- Revise: 28 13 00 - 1.4.2.6 (28 13 00 - 1.4.2 Access Control and Intrusion Detection, p3)
Arming and disarming of the Intrusion Detection system shall be by:
1. Card Readers on the interior of the main entrances.
 2. Card Readers located at ten other locations as selected by the City of Winnipeg.

3. The Systems Time Schedule, which will automatically arm and disarm select intrusion detection zones.
4. From the City of Winnipeg's Central Monitoring facility.
5. Provide Keypads adjacent to each of these Card Readers to annunciate the status of the facilities Intrusion Detection zones.

Revise: 28 13 00 - 1.4.2.7 (28 13 00 - 1.4.2 Access Control and Intrusion Detection, p3)
Arming and disarming of select components of the intrusion detection shall be provided at:

1. Card Readers at interior security partitions.
2. The Systems Time Schedule, which will automatically arm and disarm the associated partition.
3. From the City of Winnipeg's Central Monitoring facility.
4. Proximity Card Readers located on both the interior and exterior adjacent to each overhead door pushbutton station, both readers are to be connected in parallel.. Interlock with overhead door controller so that overhead door cannot be raised if overhead doors intrusion detection is armed. The down/stop pushbuttons will always remain operational.

Add: 28 13 00 - 1.4.2.10 (28 13 00 - 1.4.2 Access Control and Intrusion Detection, p3)
Card readers associated with an Access Control Point (door or gate) or an Intrusion Detection perimeter shall visually annunciate that they have been disabled from a remote Card Readers/System Time Schedule/Central Monitoring Station of 28 13 00.1.4.2.4 or 28 13 00.1.4.2.6 or 28 13 00.1.4.2.7

Add: 28 13 00 - 1.4.2.11 (28 13 00 - 1.4.2 Access Control and Intrusion Detection, p3)
All card readers shall be provided with a lamacoid label indicating their function unless the Card reader provides access control to a door/gate immediately adjacent to it.

Add: 28 13 00 - 1.4.3.1.5 (28 13 00 - 1.4.3 Closed Circuit Television System, p5)
PTZ cameras shall not be used as a primary source of CCTV coverage and when not being manually controlled shall be programmed to return to a stationary, home position. When a PTZ camera is in this home position it shall be considered to be providing coverage equivalent to a fixed camera.

Revise: 28 13 00 - 1.4.3.2 (28 13 00 - 1.4.3 Closed Circuit Television System, p5)
Provide CCTV system, to provide visual surveillance of designated areas:

1. All yard areas, by both General View Fixed and General View PTZ cameras. Complete coverage shall be provided by a minimum of three General View Fixed and one General View PTZ.
2. Marshalling area, provide a minimum of three Identification View PTZ cameras to provide detailed coverage. Home position shall be a general view, with zoom capabilities to provide an identification view. These cameras are in addition to the cameras required for coverage of the yard area.
3. Interior public spaces, general view, fixed.
4. Front and rear reception/waiting areas, General View PTZ.
5. Main corridors in shared amenities space, Identification View Fixed.
6. Workshop areas tool and material storage areas, General View PTZ.
7. Lunch/Multipurpose room, two General View Fixed.
8. General View PTZ at ten other locations as selected by the City of Winnipeg.
9. At vehicles entering the site at motorized sliding gates, General View Fixed.
10. At vehicles leaving the site at motorized sliding gates, General View Fixed.

11. Mounted on motorized sliding gate entrance pedestals, identification view PTZ of vehicle driver.

- Revise: 28 13 00 - 1.4.3.3 (28 13 00 - 1.4.3 Closed Circuit Television System, p5)
Provide cameras, video monitors, recorders and controls to enable security personnel to determine movement and identification-capable at an ambient light level of 1.5 FC. CCTV Network Switches, when required will be provided by the City of Winnipeg.
- Revise: 28 13 00 - 1.4.3.5 (28 13 00 - 1.4.3 Closed Circuit Television System, p5)
Video storage shall record video from all cameras for a period of 31 days (one month).
- Delete: 28 13 00 - 1.4.3.8 (28 13 00.1.4.3 Closed Circuit Television System, p5)

(Tours are not required).
- Add: 28 13 00 - 1.4.3.8 (28 13 00 - 1.4.3 Closed Circuit Television System, p5)
CCTV system network equipment will be provided by the City of Winnipeg Corporate IT department.
- Add: 28 13 00 - 1.4.3.9 (28 13 00 - 1.4.3 Closed Circuit Television System, p5)
Network equipment not located inside a telecommunication room shall be installed inside enclosures with the appropriate environmental sealing and shall include heating and ventilation as required.
- Add: 28 13 00 - 1.4.3.10 (28 13 00 - 1.4.3 Closed Circuit Television System, p5)
Develop maps showing the coverage of all cameras and obtain approval from the City of Winnipeg. The approved coverage shall then be reflected in the software setup.\
- Revise: 28 13 00 - 2.2.6.4 (28 13 00 - 2.2 Access Control and Intrusion Detection, p6)
Lock Open pushbuttons to lock each pair of entrance/exit gates in the open position. Push to lock open, Push to return to normal operation. Locking a gate in the open position via this pushbutton shall generate an alarm on the access control system, with the intent that the instigator shall clear the alarm via contact with the City of Winnipeg's Central Monitoring Location.
- Add: 28 13 00 - 2.3.0 (28 13 00 - 2.3 Closed Circuit Television System, p6)
The CCTV system shall utilize Panasonic iPro components.
- Revise: 28 13 00 - 2.3.1 (28 13 00 - 2.3 Closed Circuit Television System, p6)
Cameras:
 1. High Definition 720p data stream.
 2. Low light capable.
 3. High contrast compensation.
 4. Motion detection and Audio detection recording trigger, selectable.
 5. Fixed body camera: Panasonic iPro WV-NP502 with WV-LZA62/2 lenses. When installed outdoors shall use environmental housing POH1500HB
 6. Dome camera: Panasonic iPro WV-NW502S. To be installed in the locations where a camera may be subject to vandalism, such as over doors for identification views or at the motorized gate pedestals.
 7. PTZ Camera: Panasonic iPro WV-SW395
- Add: 28 13 00 - 2.3.2.4 (28 13 00 - 2.3 Closed Circuit Television System, p6)
Network video recorder shall be Panasonic iPro WJ-ND400. Associated expansion HDD shall be WJ-HDE400.

Add: 28 13 00 - 2.3.4 (28 13 00 - 2.3 Closed Circuit Television System, p6)
Panasonic iPro equipment shall be provided by an integrator who services equipment in Canada and who will maintain the installation warranty. Submit letter from Panasonic Canada confirming the integrator will not void warranties.

Revise: 28 13 00 - 3.4 (28 13 00 - 3.4 Closed Circuit Television System, p6)

1. All camera mounts are to be commercially available and provide a steady platform free from vibration.
2. Exterior camera mounts shall remain free from vibration during winds less than 50km/h.
3. If a camera cannot be connected into the CCTV network copper cabling due to distance limitations, fibre cable with switches shall be utilized.
4. Cameras not mounted on the main building are to be connected into the CCTV network by fibre optic cabling.
5. Exterior luminaires mounted on the high mast luminaires pole shall be mounted on the lowering structure to allow for their servicing from ground level.
6. Configure each Operating Station to receive views as advised by the Contract Administrator.
7. Document camera views in O&M manuals via screen capture.

Replace: **Appendix C6** City of Winnipeg Access Control and Intrusion Detection Requirements *Electronic security installation requirements in City of Winnipeg buildings* (7 pages long) **with Appendix C6 – City of Winnipeg Access Control and Intrusion Detection Requirements *Electronic security installation requirements in City of Winnipeg buildings* Revision 6. July 15, 2011** (8 pages long)

Note: The document titled: *Electronic security installation requirements in City of Winnipeg buildings*, Revision 6. July 15, 2011, supersedes all earlier versions. **All other material in Appendix C6 remains intact**

QUESTIONS AND ANSWERS

Responses to Questions not yet answered will be included in further Addenda as the responses are developed.

Clause and Page numbering may be changed as a result of Addendum. Please read the revised clauses carefully.

GENERAL PROPONENT QUESTIONS

PQ 93 Section 14 20 07 INTERIOR DEVELOPMENT PASSENGER ELEVATOR, 1.4 DESIGN REQUIREMENTS, .3.4, states that the rated net capacity is 2500 kg. which translates into a 5,500lb. capacity elevator which is extremely large for this type of function. Please advise if the rated net capacity should be 1134 kg or 2500 lbs.

PA 93 The stated net capacity of 2500 kg for the passenger elevator is incorrect and should read 2500 lbs (1134 kg).

PQ 94 Is the contractor required to pay for the permits for the project?

PA 94 Part C General Conditions of RFP No. 429-2011 refers to the General Conditions for Construction on the Materials Management Website.

PQ 95 Are protective concrete filled steel bollards required at all overhead doors, both interior and exterior?

PA 95 Bollards are required on the interior and exterior of the building at OH doors to prevent damage vehicles contact. Design to be sufficient for the type of vehicles involved.

PQ 96 Do all unheated garage buildings require 900mm concrete block on exterior and 2440mm concrete block on inside as per Appendix C1 specifications Exterior Walls?

PA 96 No - Appendix C1 specifications for Exterior Walls apply to heated buildings.

PQ 97 Are refuse/ dumpster and dust collector physical enclosures required in CS-17 and SM-17 as noted in Appendix B?

PA 97 Physical enclosures (visual screens) will be required if a dumpster/dust collector is visible from the street; and as per the City of Winnipeg Zoning By-Law No. 200/2006.

PQ 98 How many metal storage sheds in B0-07 Storage Compound are in contract? Appendix B refers to plural "metal storage sheds" yet the room data sheet and siteplan show only one shed B0-05.

PA 98 There is one metal storage shed in the B0-07 Storage Compound.

PQ 99 Are the 20 yard bins for refuse and scrap metal in EA-12 Storage Compound in contract?

PA 99 Not included - the City will contract separately for the removal of refuse and scrap metal including supply the bins.

PQ 100 Do all 10 stalls referred to in FM-04 Yard Space for Vehicle & Equipment Storage require to have electrified block heaters?

PA 100 Yes