



Addendum / Addenda

No./N ^o 4

Project Description / Description de projet WIN - Fire Alarm Replacement		
Solicitation No./ No de sollicitation 17-22017	Project No./N ^o de projet WIN-A1-011387-01	W.O. No./N ^o d'ordre de travail
Project Engineer / Ingénieur de projet L. Lalonde (204)896-1209		Date June 23, 2017
<p>Notice: This addendum shall form part of the tender documents and all conditions shall apply and be read in conjunction with the original plans and specifications.</p>		<p>Nota: Cet addenda fait partie intégrale des dossiers d'appel d'offres; toutes les conditions énoncées doivent être lues et appliquées en conjonction avec les plans et les devis originaux.</p>

ADDENDUM

Responses to RFIs Submitted by Contractor:

Q: 26 05 21 1.3.2 All wiring in conduit. Is the intent to use conduit directly to the device or is a flex whip to the device from the conduit system acceptable?

A: Yes, flex whip is acceptable up to a maximum length of 3 meters.

Q: 26 05 21 2.1.2 FAS Armored is acceptable. Minimum # 12AWG? 28 31 11 3.4 minimum #14 & 18 TWSH. E5-00 Note 11. Minimum #18 RW90 for detection and #14 for notification ccts. Which is correct?

A: Minimum #14 AWG is required for notification and minimum #18 AWG is required for detection circuits. Contractor shall ensure voltage drop is considered for all cable lengths as per CEC.

Q: 26 05 31 2.2.2 set screw emt fittings, 26 05 31 2.8.3 water tight fittings – set screw not acceptable. Which is correct?

A: Set screw is acceptable for dry location installation. Set screw is not acceptable for wet location installations.

Responses to Questions from Bidders Site Walk-through:

Q: Is shared conduit between detection and notification circuits acceptable?

A: Shared conduit between detection and notification is acceptable provided that it meets CAN/ULC S-524 3.4.3 "Where wires for multiple circuits are installed in the same raceway or wiring compartment, the induced voltage or current of one circuit shall not adversely affect the operation of another circuit".

Q: Is removal of existing wire and conduit required?

A: All accessible conduit shall be removed. All wiring shall be removed back to source.

Q: Are duct smoke remote annunciating panels required in the new installation?

A: All existing duct smoke remote annunciating panels shall be demolished. These are not required in the new installation as all detection is addressable. Typical of mechanical spaces, refer to attached photo (Figure 1).

Clarifications:

1. Fire alarm panel node 2 for WPG01 (435 Ellice) Building shall be located on the third floor in janitor room no. 362 along the west wall.
2. Fire alarm panel node 2 for WPG02 (445 Ellice) Building shall be located on the third floor in janitor room no. 322 along the west wall.
3. Existing autodialer is located in IT room no. B14. New fire alarm WPG01 Node 1 control panel shall be wired back to the existing autodialer / monitoring such that the three signals are being transmitted to the central monitoring facility. The three signals are alarm, trouble and supervisory. Contractor shall provide proof at time of system VI that the monitoring company has received the three signals. Proof shall be submitted on their letterhead.



Figure 1