



Stantec

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ADDENDUM #4

**Chemical Room Acid Storage Retrofit
National Hydrology Research Center
11 Innovation Boulevard
Saskatoon, Sask. S7N 3H5
Contract Number: KW405-12-1041**

August 12, 2013

ALL BIDDERS SHALL READ THE ENTIRE ADDENDUM AND TAKE INTO ACCOUNT ITEMS AFFECTING THEIR RESPECTIVE RESPONSIBILITIES.

This Addendum forms part of the Bid documents issued for above project and no consideration will be entertained for extras to contract due to failure of any bidder to become thoroughly familiar with the Addendum.

AMENDMENTS TO DRAWINGS

A4-1 Drawing M4 – Mechanical Schedules

- .1 Detail 6 – Gas Detection Control Schematic RM 1633:
Revise notes that refer to Propane gas, to read that the sensor shall be installed in the room at a low elevation as recommended by manufacturer. Delete reference to install the propane sensor at a high elevation.

A4-2 Drawing M5 – Mechanical Specifications

- .1 31. Gas Detection System:
 - .2.4 Revise from Oxygen, Hydrogen, Methane gas detection to read as Oxygen, Hydrogen, Propane gas detection.
 - .9 Propane – Mounting Height – revise from below ceiling elevation to be mounted above floor, height as recommended by manufacturer.
 - .17 BACnet OPTION : Due to the existing Johnson Controls System cannot properly support a BACnet IP at its current configuration state, the gas detection system as described shall still be a standalone system, provide analog output cards and hard wired points to interface between the gas detection system and a new BAS controller. This will allow the new gas detection system to operate and will also be able to integrate in future BAS control system upgrades.

END OF ADDENDUM