



269-2019 ADDENDUM 2

MISSION FPS UPGRADES

URGENT

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

ISSUED: June 25, 2019
BY: Maqbool Hussain
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE TENDER AND SHALL FORM A PART
OF THE CONTRACT DOCUMENTS**

Template Version: A20190115

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Tender, 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 E – SPECIFICATIONS

Delete: E1.4 – Specification No. 01 73 56 - Maintenance of Existing Flows

DRAWINGS

Replace: 269-2019_Drawing 1-0163F-E0006-001-R3 with 269-2019_Addendum_2-Drawing 1-0163F-E0006-001-R4
269-2019_Drawing 1-0163F-M0001-001-R3 with 269-2019_Addendum_2-Drawing 1-0163F-M0001-001-R4
269-2019_Drawing 1-0163F-M0002-001-R3 with 269-2019_Addendum_2-Drawing 1-0163F-M0002-001-R4

NMS SPECIFICATIONS

Section 01 73 56 – Maintenance of Existing Flows

Delete: The entire section 01 73 56.

Section 07 81 00 – Applied Fire Proofing

Replace: The entire section 07 81 00 with 269-2019_Addendum_2-NMS_Specification_Section_07 81 00.

Section 08 71 00 – Finishing Hardware

Replace: The entire section 08 71 00 with 269-2019_Addendum_2-NMS_Specification_Section_08 71 00.

Section 09 91 50 – Painting and Finishing

Revise: 2.3.1 to read: Paint all building surfaces, tanks and equipment.

Section 22 11 16 – Domestic Water Piping

Revise: 2.1.1.1 to read: Schedule 40 PVC: to CAN/CSA B137.3.

Revise: 2.2.1 to read: PVC: to CAN/CSA B137.3.

Section 23 05 29 – Hangers and Supports for HVAC Piping and Equipment

Delete: 2.4 – Insulation Protection Shields.

Section 23 34 00 – HVAC Fans

- Revise: 2.4.5 to read: Acceptable Manufacturers: Greenheck, Loren Cook or approved equal in accordance with B7.
- Revise: 2.5 to read: Explosion Proof Direct Drive Wall Mounted Propeller Fans.
- Revise: 2.5.8 to read: Acceptable Manufacturers: CANARM, Loren Cook or approved equal in accordance with B7.

Section 23 37 20 – Louvres, Intakes and Vents

- Add: 2.2.9 Acceptable Manufacturers: Price, Ventex or approved equal in accordance with B7.

Section 26 24 14 – Motor Control Centre

- Revise: 2.10.1 to read: Acceptable manufacturers: Allen-Bradley, Cutler Hammer, Schneider and Siemens or approved equal in accordance with B7.

Section 26 29 10 – Motor Starters

- Revise: 2.4.1.1 to read: Controller shall be Cutler-Hammer type S801, Siemens 3RW5 or approved equal in accordance with B7.
- Revise: 2.5.1.1 to read: The AC drive shall be Cutler-Hammer SVX 9000, Schneider Altivar 71, Allen-Bradley Powerflex 70 and Siemens G120 series or approved equal in accordance with B7.

Section 40 10 00 – Control Panels

- Replace: The entire section 40 10 00 with 269-2019_Addendum_2-NMS_Specification_Section_40 10 00.

Section 40 30 00 – Instruments

- Replace: The entire section 40 30 00 with 269-2019_Addendum_2-NMS_Specification_Section_40 30 00.

QUESTIONS AND ANSWERS

- Q1: In Section 40 30 00 Instruments listed Ultrasonic level transmitters in clause 2.2 and H2S detector in clause 2.3, are both of these required to be supplied? Where are this located on the drawings?
- A1: Location of new level transmitter is noted on drawing E-03, note 10. (Replace existing with new in same location.) Refer to mechanical drawing M-01 for H2S detector locations.
- Q2: Can you please confirm if the flow meters and gate inclinometers listed in Drawing 1-0163F-E0004-001 Power System & Layout are all existing? If not existing, can you please provide specifications for these instruments?
- A2: Refer to note 11, provide new wiring and conduit to connect existing CSO instrumentation to new PLC panel.
- Q3: Can you please provide P&ID for all the instruments?
- A3: Typical loop diagrams are provided on drawing E-08.
- Q4: In Section 40 10 00 Control Panels clause 2.14.1 listed item .12 Alarm auto dialer and .13 City of Winnipeg to supply cellular auto-dialer for inclusion in RTU panel. Can you please confirm the item 12 is the same as to be supplied by the City in item 13?
- A4: Item 13, Cellular auto-dialer provided by the city. Item 12, hardwired auto-dialer provided by contractor as a backup.

Q5: In Section 40 20 00 Programmable Logic Controller clause 2.1.7.1 Schneider M580, would a Schneider M340 or Allen-Bradley Compactlogix be accepted as an approved equal for this application?

A5: No, Schneider M580 is required.