



801-2021 ADDENDUM 1

SUPPLY AND DELIVERY OF MULTI-GAS DETECTORS AND MONITORING SYSTEMS

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID/PROPOSAL

ISSUED: March 23, 2022
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID/PROPOSAL AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: Add 2021-03-05

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid/Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid/Proposal may render your Bid/Proposal non-responsive.

PART A: BID SUBMISSION

Replace: 801-2021_Form_B-Prices with 801-2021_Addendum_1-Form_B(R1)-Prices. The following is a summary of changes incorporated in the replacement Bid/Proposal Submission:

Form B(R1): Add Items No. 6 to 20 inclusive.

PART E – SPECIFICATIONS

- Add: E5.1 (k) All bump/calibration stations shall be compatible with the 5 gas multi-gas detectors and 4 gas multi-gas detectors.
- Add: E5.1 (l) All bump/calibration stations shall include a 5 gas multi-gas test stand and cylinder holders.
- Add: E5.1 (l)(i) Further to E5.1 (l), 4 gas multi-gas test stand and cylinder holder shall be available and compatible with the bump/calibration stations.
- Revise: E5.4 (a)(ii) to read: If networking to computer, 1 **ethernet connection** on master test stand is used to communicate with the software application.
- Delete: E5.4 (k)
- Delete: E5.4 (l)
- Delete: E5.6 (a)
- Delete: E5.6 (d)
- Delete: E5.6 (f)
- Revise: E5.6 (h) to read: **Email Notifications** - System shall be capable of being configured with email lists to automatically email alerts to safety and management personnel for a select list of system events.
- Add: E14 **SENSOR CONFIGURATION**
- Add: E14.1 5 Gas multi-gas detectors shall be configured as follows:

- (a) Twelve (12) units of the 5 gas multi-gas detector shall be configured with the following sensors:
 - (i) O₂;
 - (ii) CO;
 - (iii) H₂S;
 - (iv) LEL; and
 - (v) PID
- (b) One (1) unit of the 5 gas multi-gas detector shall be configured with the following sensors:
 - (i) O₂;
 - (ii) LEL;
 - (iii) NH₃;
 - (iv) PH₃; and
 - (v) PID.
- (c) One (1) unit of the 5 gas multi-gas detector shall be configured with the following sensors:
 - (i) O₂;
 - (ii) CO;
 - (iii) HCN;
 - (iv) LEL; and
 - (v) PID.

Add: E14.2 4 Gas multi-gas detectors shall be configured with the following:

- (a) O₂;
- (b) CO;
- (c) H₂S; and
- (d) LEL.

Add: E14.3 Area monitoring system shall be configured with the following:

- (a) O₂;
- (b) CO;
- (c) H₂S; and
- (d) LEL.

Add: E15 **SENSORS**

Add: E15.1 Sensors shall be compatible with multi-gas detectors, bump/calibration stations and area monitors.

Add: E15.2 The following sensors shall be available for the 5 gas multi-gas detectors:

- (a) Oxygen (O₂);
- (b) Carbon Monoxide (CO);
- (c) Hydrogen Sulfide (H₂S);
- (d) Flammability (LEL);
- (e) Photo Ionization Detector (PID);
- (f) Chlorine (CL₂);
- (g) Hydrogen Cyanide (HCN);
- (h) Ammonia (NH₃); and
- (i) Phosphine (PH₃).

Add: E15.3 The following sensors shall be available for the 4 gas multi-gas detectors:

- (a) Oxygen (O₂);
- (b) Carbon Monoxide (CO);
- (c) Hydrogen Sulfide (H₂S);
- (d) Flammability (LEL).

Add: E16 **CALIBRATION GASES**

Add: E16.1 Calibration gases shall available and compatible with multi-gas detectors, bump/calibration stations and area monitors.

Add: E17 **TRAINING AND CERTIFICATION**

Add: E17.1 The Contractor shall provide training and/or a certification program for Winnipeg Fire Paramedic Service (WFPS) staff.

Add: E17.2 Training and certification program shall be available in person (at a WFPS location) or virtually through video conference.

Add: E17.3 Training shall be included with the procurement of the multi-gas system.

Add: E17.4 A certification program shall be offered to WFPS staff/technicians to allow for repairs, inspections and testing of the equipment.

Add: E17.4.1 Further to E17.4, the certified technicians working on the equipment as trained and as certified shall not void the warranty.