



THE REGIONAL MUNICIPALITY OF YORK

ADDENDUM # 7

BID # RFTC-709-23-22021

DATE: Thursday, November 7, 2024

FOR: Construction of the Warehouse Upgrades at 145 Harry Walker Pkwy

CLOSING DATE: Monday, November 18, 2024 1:00 PM

Bidders are requested to incorporate the changes/clarifications noted below to the above noted Bid Documents in your possession and be governed accordingly.

1. BIDDERS QUESTIONS AND REGION'S RESPONSES

Question 1:

1. The Designated Substances Report indicates that asbestos was found in transit rainwater leaders, and it was recommended that all hazardous substances be removed. Question: Please confirm that the recommended removal of hazardous materials in the rainwater leaders has taken place, or will take place prior to work in the affected areas beginning.

2. GC 11.2 of the Amendments to the CCDC 2 2020 requires insurance policies to be endorsed to provide Owner 30 days' notice of cancellation of insurance policies. Question: Please confirm that the following wording, "Insurer shall endeavor to provide 30 days' notice of cancellation of insurance policies", which is consistent with insurance industry standards, is acceptable. (See our standard Certificate of Insurance attached, for reference).

3. GC 11.2 of the Amendments to the CCDC 2 2020 requires Certificates of Insurance to be provided on Owner's standard Certificate of Insurance form. Question: Please confirm if this requirement applies to Certificates of Insurance supplied by Subcontractors. (See our standard Certificate of Insurance attached, for reference).

Please provide the attached Certificate of Insurance as a reference to questions 2 and 3 to the customer and forward their response when you receive one. If you receive any other documentation, please pass it along as well. We will provide our instructions by Thursday, October 31st, if that is acceptable.

Answer 1:

1. The transite pipe appears to be in good shape and the construction is not forecasted to disturb it; we propose to leave it as is. However, contractor must confirm if transite pipe will be disturbed by the work before mobilization. If so, the Contractor must carry out test to confirm presence of asbestos and provide a plan to remove if confirmed. Testing and removal will be paid for under Cash Allowance CA #2.
2. The proposed wording is acceptable.
3. The Certificate of Insurance (COI) requirement does not apply to sub-contractors. The Region only requires COI from the General Contractor.

Question 2:

Provide specs. for the Nederman Scope and Welding Exhaust.

Answer 2:

Refer to mechanical addendum M02 including specification 23 25 13.03, and drawing M301 and M302

Question 3:

Please clarify if there is any existing BAS system onsite.

1. The specification mentioned: BAS specified in this Section is an expandable DDC building automation system in accordance with drawing control diagrams and sequences, and points lists.
2. The Sequence of MUA mentions: The system shall be supplied with a bacnet/mstp controller capable of interfacing with existing building automation system.

Answer 3:

Refer to answer 17 of this addendum

Question 4:

Keynote #5 for Gas detection control panel not found on the drawing. Please confirm location if this detection system and its association. Drawing: M301 - HVAC NEW LAYOUT

Answer 4:

Refer to answer 17 of this addendum

Question 5:

Keynote #8 & #9 for Gas detection control system not found on the drawing. Please confirm location of this detection system and its sensors and its association with which Exhaust Fan and Make Up Air Unit. Drawing: M301 - HVAC NEW LAYOUT (CONT.)

Answer 5:

Refer to answer 17 of this addendum

Question 6:

Keynote #20 for unit heater not found on the drawing. Please confirm the location. Drawing: M301 - HVAC NEW LAYOUT (CONT.)

Answer 6:

Refer to answer 17 of this addendum

Question 7:

Keynote #21 for split AC system not found on the drawing. Please confirm the location.

Drawing: M301 - HVAC NEW LAYOUT (CONT.)

Answer 7:

Refer to answer 17 of this addendum

Question 8:

1. Drawing A101 in note 11 mentions relocation of water fountain, but this note is not on Mechanical drawings. Please issue the mechanical drawing with water and drain connection for the new fountain location.

2. Please find attached RFI from the Control Contractor.

3. Please see below questions from Mechanical Contractor. How it was written. "I see no specs. for the Nederman Scope and Welding Exhaust"

a) M500 - CONTROL SEQUENCE: Welding Workshop HVAC System

The schematic shows hardwired IO points for exhaust fan and damper, but the sequence of operation has the unit being controlled by the Unit provided thermostat. The sequence also does not say anything about BAS interface to the unit. Please clarify:

- i. If the unit is being controlled through its own packaged controller.
- ii. If there are any hardwired points under BAS scope.
- iii. If BAS is interfacing with unit for monitoring only (no control required).

b) M500 – CONTROL SEQUENCE: Warehouse HVAC System

The schematic shows hardwired IO points for exhaust fan and damper, but the sequence of operation has the unit being controlled by the Unit provided thermostat. Please clarify:

- i. If the unit is being controlled through its own packaged controller.
- ii. If there are any hardwired points under BAS scope.
- iii. If BAS is interfacing with unit for monitoring only (no control required)

c) M500 – CONTROL SEQUENCE (SCHEMATICS)

Unit/System association not shown on schematics. Please clarify which units (MUA, EF, UH) are associated with the schematics shown on the drawing M500.

d) M600 – MECHANICAL SCHEDULE

Exhaust fan notes for EF-3, EF-6 and EF-10 denote a timer switch for the fan. Please clarify if the Exhaust Fans are monitored controlled via BAS.

e) M600 – MECHANICAL SCHEDULE

Domestic Hot Water System: No schematic found. Please clarify if the system needs to be monitored via BAS.

Answer 8:

1. Answer will be provided in a future addendum
2. Refer to answer 17 for answers to RFI
3. Refer to answer 2 of this addendum
 - a) Refer to answer 17(f) of this addendum
 - b) Refer to answer 17(g) of this addendum
 - c) Refer to answer 17(h) of this addendum
 - d) Refer to answer 17(i) of this addendum
 - e) Refer to answer 17(j) of this addendum

Question 9:

The schematic shows hardwired IO points for exhaust fan and damper, but the sequence of operation has the unit being controlled by the Unit provided thermostat. The sequence also does not say anything about BAS interface to the unit. Please clarify:

- a) If the unit is being controlled through its own packaged controller.
- b) If there are any hardwired points under BAS scope.
- c) If BAS is interfacing with unit for monitoring only (no control required).

Drawing: M500 - CONTROL SEQUENCE: Welding Workshop HVAC System

Answer 9:

Refer to answer 17(f) of this addendum

Question 10:

The schematic shows hardwired IO points for exhaust fan and damper, but the sequence of operation has the unit being controlled by the Unit provided thermostat. Please clarify:

- a) If the unit is being controlled through its own packaged controller.
- b) If there are any hardwired points under BAS scope.

- c) If BAS is interfacing with unit for monitoring only (no control required).

Drawing: M500 - CONTROL SEQUENCE: Welding Workshop HVAC System

Answer 10:

Refer to answer 17(g) of this addendum

Question 11:

Unit/System association not shown on schematics. Please clarify which units (MUA, EF, UH) are associated with the schematics shown on the drawing M500.

Drawing: M500 - CONTROL SEQUENCE (SCHEMATICS)

Answer 11:

Refer to answer 17(h) of this addendum

Question 12:

Exhaust fan notes for EF-3, EF-6 and EF-10 denote a timer switch for the fan. Please clarify if the Exhaust Fans are monitored controlled via BAS.

Drawing: M600 - MECHANICAL SCHEDULE

Answer 12:

Refer to answer 17(i) of this addendum

Question 13:

Domestic Hot Water System: No schematic found. Please clarify if the system needs to be monitored via BAS.

Drawing: M600 - MECHANICAL SCHEDULE

Answer 13:

Refer to answer 17(j) of this addendum

Question 14:

There is not specs for Nederman Scope and Welding Exhaust. Please include.

Answer 14:

Refer to answer 2 of this addendum

Question 15:

Please advise if Modine are an acceptable equal for the Indirect Gas Fired MUA Units (Tag MAU-1 to 6).

Answer 15:

Section 23 74 23 show acceptable manufacturers however, bidders are welcome to propose alternate equals to specified basis-of-design product indicated in specification. However, Bidder/ prospective Contractor are required to comply with requirements stated in specification section 01 23 00 "Product Substitution Procedures" and submit the indicated documents for Consultant's review prior to determining if the proposed alternate product is in fact equal and acceptable.

Question 16:

BAS

Answer 16:

Refer to answer 17 of this addendum

Question 17:

RFI from Controls Contractors (wording below)

a. RFI #1

The specification mentioned: BAS specified in this Section is an expandable DDC building automation system in accordance with drawing control diagrams and sequences, and points lists.

The Sequence of MUA mentions: The system shall be supplied with a bacnet/mstp controller capable of interfacing with with existing building automation system.

Question: Please clarify if there is any existing BAS system onsite.

b. RFI #2

Drawing: M301 - HVAC NEW LAYOUT

Keynote #5 for Gas detection control panel not found on the drawing. Please confirm location if this detection system and its association.

c. RFI #3

Drawing: M301 - HVAC NEW LAYOUT (CONT.)

Keynote #8 & #9 for Gas detection control system not found on the drawing. Please confirm location of this detection system and its sensors and its association with which Exhaust Fan and Make Up Air Unit.

d. RFI #4

Drawing: M301 - HVAC NEW LAYOUT (CONT.)

Keynote #20 for unit heater not found on the drawing. Please confirm the location.
Drawing:

e. RFI #5

Drawing: M301 - HVAC NEW LAYOUT (CONT.)

Keynote #21 for split AC system not found on the drawing. Please confirm the location.

f. RFI #6

Drawing: M500 – Control sequence: Welding workshop HVAC System

The schematic shows hardwired IO points for exhaust fan and damper, but the sequence of operation has the unit being controlled by the Unit provided thermostat. The sequence also does not say anything about BAS interface to the unit.

- i. If the unit is being controlled through its own packaged controller.
- ii. If there are any hardwired points under BAS scope.
- iii. If BAS is interfacing with unit for monitoring only (no control required).

g. RFI #7

Drawing: M500 - CONTROL SEQUENCE: Warehouse HVAC System

The schematic shows hardwired IO points for exhaust fan and damper, but the sequence of operation has the unit being controlled by the Unit provided thermostat. Please clarify:

- i. If the unit is being controlled through its own packaged controller.
- ii. If there are any hardwired points under BAS scope.
- iii. If BAS is interfacing with unit for monitoring only (no control required).

h. RFI #8

Drawing: M500 - CONTROL SEQUENCE (SCHEMATICS)

Unit/System association not shown on schematics.

Please clarify which units (MUA, EF, UH) are associated with the schematics shown on the drawing M500.

i. RFI #9

Drawing: M600 - MECHANICAL SCHEDULE

Exhaust fan notes for EF-3, EF-6 and EF-10 denote a timer switch for the fan.

Please clarify if the Exhaust Fans are monitored controlled via BAS.

j. RFI #10

Drawing: M600 - MECHANICAL SCHEDULE

Domestic Hot Water System: No schematic found. Please clarify if the system needs to be monitored via BAS.

Answer 17:

RFI #1

Existing BAS is Reliable Controls. All BAS integration to be completed by an authorized Reliable Controls vendor. Spec Section 25 05 02 and Drawing M-500

RFI #2

Gas Detection system is existing and is not to be modified.

RFI #3

Gas detection is existing, the new units are for heating the space and general ventilation.

RFI #4

Keynote 20 is in reference to the dryer exhaust fan not unit heaters. M-301

RFI #5

No Keynote 21 on sheet M301.

RFI #6

Local Operation and only connected to BAS for monitoring purposes. Spec Section 25 05 02 and Drawing M-500

RFI #7

Unit to be Controlled by BAS. Spec Section 25 05 02 and Drawing M-500

RFI #8

It is a typical schematic and applies to all MAUs and EFs in the warehouse. Spec Section 25 05 02 and Drawing M-500

RFI #9

EF-3 is connected to MAU See notes on M600. EF-10 requires status only BAS Monitoring and EF-6 is to run when charging station in use thus not connected to BAS. Spec Section 25 05 02 and Drawing M-500

RFI #10

No BAS Monitoring Required. Spec Section 25 05 02 and Drawing M-500

Bidders shall acknowledge receipt of all addenda to this RFTC prior to submitting their Bid. Bids that do not contain evidence of receipt of all addenda will be deemed to be "incomplete" and will not be accepted in the Bidding Website.

This addendum shall remain attached to and form part of the Contract Documents.

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Addendum 7

Thank you,

Kim Froats

Kim Froats

Procurement Specialist
Procurement Office

Attachments: NA