Winnipeg

Corporate Finance Department
Materials Management Division

735-2018 ADDENDUM 2

BALTIMORE FLOOD PUMPING STATION (FPS) UPGRADES

ISSUED: August 17, 2018
BY: Dwayne Penner, CCCA
TELEPHONE NO. 204 954-6889

URGENT

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

THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20160708

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 8 of Form A: Bid may render your Bid non-responsive.

QUESTIONS AND ANSWERS

The following are questions received from Bidders. Questions are recorded as submitted. Answers will be incorporated into future drawing revisions as required:

Q1: Can you confirm the City doesn't require a bid bond on this project?

A1: **YES – Bidders are required to submit Bid Security in the amount of ten percent (10%) of the Total Bid Price along with their Bid. Additional detail revising the Bid Form will be issued in a future Addendum.**

Q2: Drawing M0002 Shows EH-1 as 575/3/60 volts, Drawing M0004 shows in duct heater HC-1 as 208/3/60 volts. Drawing E0004 Electrical Single Line does not show a duct heater in the MCC. Drawing E0005 does not show a duct heater in 120/208 Panel F71, however the MCC elevation detail on the same drawing shows HC-F60 heat coil 25A, 3P. Please clarify the equipment number, the voltage rating, and the Thermoelectric model number.

A2: **The MCC layout is correct. The duct heater is fed by the MCC. A 600V 25A 3-pole breaker will be added to the Single Line Drawing E0004 and the P&ID P0003 will be updated to match this change. The identification of duct heater HC-F60 will be replaced with EH-F60.**

Q3: Are there input and output loop drawings available for the PLC, the heating panel HCCP-F60, and the exhaust panel ECCP-F61?

A3: **There are no input and output loop drawings available for the PLC, the heating panel HCCP-F60, and the exhaust panel ECCP-F61. The drawing E0005 detail 3 & 4, and the P&ID P0003 provided the information for the HCCP-F60 and ECCP-F61. The HCCP-F60 and ECCP-F61 just the remote control panels for the PLC control panel include some pilot lights and selector switches.**

Q4: Drawing M0004. Please supply a Manufacturer and Model # for the Electric Dehumidifier.

A4: **Delete the requirement for a dehumidifier in the Dry Well.**

Q5: Drawing M0004. Please supply a Manufacturer and Model # for the Electric Sump Pump. This must match the existing sump pump HP, maximum capacity, and Solids Handling.

A5: **Existing pump nameplate information unavailable – assume ½ HP pump. Label on power cord as follows:**

- **120 VAC, 50/60 Hz., Single Phase**

- **½ max. horsepower (pump)**
- **13 max. amps pump run current**
- **60 max amps pump start current**
- **Use only with pumps equipped with integral thermal overload protection**

Q6: Drawing M0001. Please supply a Manufacturer and Model # for the 25mm Double Backflow Preventer.

A6: **Acceptable Product: Watts LF909 series or equal in accordance with B7.**

Q7: Drawing M0001. Please supply a Manufacturer and Model # for the 3 new 13mm solenoid valves.

A7: **Acceptable Product: ASCO Red Hat II explosion proof series 8210 or equal in accordance with B7.**

Q8: Drawing M0001. There are 3 – ½" flow switches specified. On drawings M0004 & and P0002, these are shown as Pressure Switches. Should these be shown as Flow Switches on the two drawings?

A8: **Pressure switches per spec. on dwg. M0001 (wording "flow" is a typo).**

Q9: Drawing M0004. Are we to diamond drill 2 openings for the new 25mm domestic water through the main floor slab, or are there existing openings that we can utilize?

A9: **The opening is existing, no floor penetration is required.**

Q10: Drawing P0002 and M0004 show pressure switches at the mechanical shaft seals. Drawing M0001 indicates flow switches for the shaft seal supply line. Which is correct? If it is to be pressure switches please issue specifications.

A10: **These are to be pressure switches – no further mechanical information available at this time.**

Q11: Drawing E0005 panel schedule shows a circuit for exterior light. None are shown on dwg. E0002. If any are required please issue specification.

A11: **There will be no new exterior light for the station. Design will be modified to note breaker of circuit number 10 as spare.**

Q12: Drawing E0006 note 7 gives model # for duct smoke detector but does not give a model # for the main floor smoke detector. Please specify.

A12: **Please ignore the duct smoke detector. The duct smoke detector had been removed from the design. Contractor shall submit the floor smoke detector shop drawing for approval.**

Q13: Drawing E0006 note 2.2.4 shows the Hi Wet Well float switch to be reused. Drawing P0002 shows the existing float level switch terminated into a new CP-F22 intrinsic safety panel. Is CP-F22 a junction box or is there other control out of this panel?

A13: **CP-F22 is a new junction box/panel and only includes an intrinsically safety relay/barrier. There will be no other control out of this panel. The existing Hi Wet float switch cable shall be rewired to the intrinsically safety relay/barrier first before entering into the new PLC Control Panel CP-F80.**

Q14: On drawing E0004 It doesn't differentiate what is existing and what is new. Is it possible to get a clarification regarding that? Is the CSTE Remaining and if it is to be replaced where is FDS-L1 located?

A14: **On drawing E0004, everything from MCC-F70 and below is new. The CSTE will remain.**

Q15: On Drawing E0004 if shows a Schneider MCC and on E0005 it shows a Eaton Panel Board, Will a Eaton MCC or a Schneider Panelboard be acceptable?

A15: **MCC shall be Schneider. Panelboard may be Eaton or Schneider.**

Q16: On Drawing E0003 It shows 2 new platforms but on drawing S0003 it only shows the 1, Please Advise.

A16: **Refer to Structural drawings. There shall be only one platform inside the dry well in accordance with**

the Structural drawing.

Q17: On drawing E0002 it shows a 120/240 volt panel on the wall that contains the wall. Are there any specs for this panel and where is it fed from?

A17: **There is no 120/240 volt panel in the station. It had upgraded to another 120/208 volt panel PNL-F71. The 120/240 volt panel will be removed from drawing E0002**

Q18: On E0003 it shows both level of lights as type C in the dry/wet well but the side view shows C and D. Please advise?

A18: **The well lights at the bottom shall be type D**

Q19: If the lower platform isn't required (question from RFI #1) is the light above it required?

A19: **The light fixture about the lower platform will be relocated to the center of the north wall and approx. 2.13m from the bottom of the well.**

APPROVED EQUALS

The following are approved equals for this project. Bidders shall ensure that products selected for this project meet or exceed specified material and performance requirements:

Discipline/Drawing	Related Items	Specified Manufacturer	Approved Equal
Mechanical / M0004	Fans	Greenheck	Twin City
Mechanical / M0004	Grilles, Registers, Diffusers	Nailor	E.H. Price, Titus
Mechanical / M0004	Dampers	Tamco	Alumavent
Mechanical / M0004	Louvers	E.H. Price	Ventex
Electrical / E0005	Panelboard	Eaton	Schneider