Corporate Finance Department
Materials Management Division

559-2021 ADDENDUM 3

LINDEN LIFT AND FLOOD PUMPING STATION (LFPS) UPGRADES

ISSUED: September 16, 2021
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URGENT

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

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.

NMS SPECIFICATIONS

Specification 25 30 01 – Control Panels,

Revise 2.4.2 - Acceptable panel manufacturer shall be Indus Automation, Manco Control Systems Inc., Celco Controls, Tri-Star Automation Inc., or approved equal.

Specification 25 30 02 – Instruments, Add:

2.7 SEAL WATER PRESSURE SWITCH, PSL-F526

.1 Requirements:

.1	Pressure Range:	0 to 100 PSI (adjustable).
.2	Service:	Domestic Water.
.3	Enclosure Rating:	NEMA Type 4X
.4	Output:	Qty 1, SPDT dry contact, 10A at 125 VDC.
.5	Electrical Connection:	½" NPT (female).
.6	Process Connection:	¼" NPT (female).
.7	Mounting:	Pipe.
.8	Approvals:	CSA and/or cUL.

.2 Acceptable Products:

.1 Ashcroft B4 Series or approved equal.

2.8 FLOOD STATION GATE SWITCH, ZS-F901

.1 Provide gate position contact switch to monitor "Open / Close" status of the flood station gate.

.1 Enclosure rating:

.2 Category 2 corrosive environment.

.3 Output: One (1) Form "C" dry contact for digital input to PLC.

.4 Acceptable manufacturer shall be Emerson Model 7C GO™ Switch / 7CX, Turck BI1 Series.

QUESTIONS AND ANSWERS

The questions below are written as received from bidders:

Q1: Drawing A0001 shows PSL-F526 pressure switch but we can't seem to find the specifications for this filed device. Can you please provide the specifications for this?

A1: See Specification 25 30 02 Section 2.7.

Q2: Drawing A0001 shows ZS-F901 position switch but we can't seem to find the specifications for this filed device. Can you please provide the specifications for this?

A2: See Specification 25 30 02 Section 2.8.

Add the following field device to Appendix C – Instrument List:

NEW / ZS-F901 / FLOOD STATION GATE CONTACT SWITCH / FLOOD STATION DRY WELL / 25 30 02 / 1-0155L-A0001-001 / 1-0155L-P0002-001 / 1-0155L-A0012-001 / PIPE / 6 - AUTOMATION

Q3: Drawing A0001 shows XV-010 and XV-020. On Drawing M0004 listed SV-010 and SV-020. Can you please clarify if XV-010 and SV-010 are the same single instrument? Can you please also clarify if XV-020 and SV-020 are the same single instrument? If XV-010 and SV-010 are not the same and XV-020 and SV-020 are also not the same, can you please provide the specifications for the XV-010 and XV-020?

A3: These refer to the same instruments. The correct tags are XV-010 and XV-020. SV-010 and SV-020 are typos.

Q4: Drawing A0001 shows FSL-010 and FSL-020. On Drawing M0004 listed FSL-011 and FSL-021. Can you please clarify if FSL-010 and FSL-011 are the same single instrument? Can you please also clarify if FSL-020 and FSL-021 are the same single instrument? If FSL-010 and FSL-011 are not the same and FSL-020 and FSL-021 are also not the same, can you please provide the specifications for the FSL-010 and FSL-020?

A4: These refer to the same instruments. The correct tags are FSL-010 & FSL-020. FSL-011 & FSL-021 are typos.

Q5: Addendum 1 Instrument List listed TT-A910 which referenced to Drawing A0001 but Drawing A0001 shows TE-A690 (which has a transmitter of TT-A690 (tag shown on Drawing A0014). Can you please clarify that TT-A910 is a typo and it should be TT-A690?

A5: These refer to the same instrument. The correct tag is TT-A910. TE-A690 and TT-A690 are typos.

Q6: Please provide specifications for the temperature transmitter TT-A910 and/or TT-A690?

A6: HVAC controls temperature devices are specified in Section 23 09 93 – HVAC Controls, Clause 2.6.

Q7: The drawings are calling for thermal insulation c/w aluminum cladding on the outside air hoods on the exterior of the building. This is uncommon and would serve no purpose. Can you confirm if this is correct?

A7: Delete the thermal insulation indicated on the Mechanical drawings and Drawing P0005 on the outdoor air intake hoods.

Q8: Question concerning the ground grid: The ground wire inside the building that all of the equipment bonds to does not have a size specified. Neither does the ground wire from the CSTE to the ground rods. Only size

mentioned is for a “ground ring 1#500 bare” shown in the detail drawing. Does this mean that a #500MCM bare wire is to be installed from the ground rods thru the CSTE then around the inside of the building?

A8: Refer to Electrical Drawing E0007 – Grounding Installation Details

- Grounding conductor from grounding grid to CSTE to be #2/0 (bare)
- Ground conductor from CSTE into building to be #2/0.
- Ground conductor to JB-A72-GEN to be #2.
- Revise ground conductors to cable tray and flood pumps P-F01 & P-F02 from #2/0 to #2.

APPROVED EQUALS

The following have been requested to be approved equals for this project. Bidders shall ensure that products selected for this project meet or exceed specified material and performance requirements:

Specification	Item	Specified Product	Requested Equal	Equal Granted?
25 30 01	Control Panels	Indus Automation, Manco Control Systems Inc., Celco Controls	Tri-Star Automation Inc.	Yes