



559-2021 ADDENDUM 4

LINDEN LIFT AND FLOOD PUMPING STATION (LFPS) UPGRADES

URGENT

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

ISSUED: September 16, 2021
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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 B - Enquiries

Revise B4.2 to read:

If the Bidder finds errors, discrepancies or omissions in the Tender, or is unsure of the meaning or intent of any provision therein, the Bidder shall notify the Contract Administrator of the error, discrepancy or omission, or request a clarification as to the meaning or intent of the provision at least **four (4)** Business Days prior to the Submission Deadline.

Clarification: The deadline for enquiries was extended until 12:00 Noon on September 16, 2021.

NMS SPECIFICATIONS

Specification 25 30 02 – Instruments

Revise 2.3.3.5 to read:

Explosion-protected version according to IEC Ex and ATEX suitable for installation in sewage wet well hazardous location.”

QUESTIONS AND ANSWERS

The questions below are written as received from bidders:

Q1: The Section 25 30 02 clause 2.3 calls for the following:

2.3 HYDROSTATIC PRESSURE LEVEL

- .1 Provide submersible hydrostatic pressure level sensor suitable for wastewater applications to monitor wastewater level in the lift station wet well chamber as indicated.
- .2 Instrument identification:
 - .1 Lift Station Wet Well: L500-LE/LIC.
- .3 Sensor Requirements:
 - .1 Type: Hydrostatic level sensing.
 - .2 Piezo-resistive sensor with ceramic diaphragm.
 - .3 Stainless steel housing (30mm Ø).
 - .4 Mechanical protection: IP68
 - .5 **CSA rated Class 1 Zone 1 suitable for installation in sewage wet well hazardous location.**
 - .6 24 VDC loop power supply.
 - .7 4-20 maDC analog input signal to station PLC panel.
 - .8 Signal cable c/w desiccant (mounted inside panel).
 - .9 Mount sensor near bottom of lift station wet well. Run sensor signal cable in 50mm PVC sleeve secured to side of wet well.
 - .10 Acceptable manufacturer:
 - .1 Sitrans LH300 or approved equal.

However, the LH300 as indicated does not have CSA, the only Ex approval it has is IECEx: Shall we quote something else?"

A1: Refer to revised Specification 25 30 20, Clause 2.3.3.5

Q2: On Drawing M0004, The description is "FLOW SWITCH" but the notes ask for "PRESSURE SWITCH WITH SPDT OUTPUT". What are they really looking for? See highlighted below; Please provide the flow switch specifications.

FSL-F011	FLOOD STATION DRYWELL	FLOW SWITCH	UNITED ELECTRIC CONTROLS	J6-S156B	PRESSURE SWITCH WITH SPDT OUTPUT , SEALED ISOLATED 316 STAINLESS STEEL BELLOWS, 13mm NPT (FEMALE) 316 STAINLESS STEEL PRESSURE CONNECTION, PRESSURE SENSOR WITH 13mm NPT (FEMALE) ELECTRICAL CONNECTION, EXTERNAL MANUAL RESET, STAINLESS STEEL ID TAG AND WIRE ATTACHMENT, NEMA 4X ENCLOSURE, PRESSURE SET POINT RANGE 20 - 690 kPa (3 - 100 PSI), 120V/1PH/60HZ, CSA APPROVED, UL/C LISTED.
FSL-F021	FLOOD STATION DRYWELL	FLOW SWITCH	UNITED ELECTRIC CONTROLS	J6-S156B	

A2:

Refer to Mechanical Drawing M0004 – Equipment Schedules

- Revise flow switch specifications for flow switches FSL-010 & FSL-020 (see Addendum 3) as follows:

- .1 Requirements:
 - .1 Application: Flood pump seal water flow (potable water).
 - .2 Supply voltage: 24 VDC.
 - .3 Output: Qty 1, SPDT dry contact.
 - .4 Operating Temperature: -10°C to 40°C minimum.
 - .5 Sensor: Local.
 - .6 Mounting: Pipe.
 - .7 Enclosure Rating: NEMA Type 4X.
 - .8 Accessories:

- .1 Pipe mounting adapter.
- .2 Socket M12 connector cable, 5 meter length.
- .9 Approvals: CSA or equivalent
- .10 Acceptable products: IFM Efector SI5010.

Q3: In Paint spec 09 90 00 there is no steel painting spec, and nothing on the drawings indicate existing steel is to be prepared or painted. Does existing steel such as stairs, guardrails, walk platforms, etc get prepared and painted?

A3: Not in scope at this time.

Q4: Is the floor of the drywell to be blasted and painted? Or just the walls, ceiling, and beams?

A4: None of the concrete in the drywell is being painted at this time.

Q5: The Metal Fabrication spec 05 50 00 states galvanized finish. I assume this is for all new guardrails, platforms, etc. and a galvanized finish is how these new steel items will remain.

A5: Correct – galvanized finish.

Q6: Is the existing main entrance door to be prepared and painted?

A6: Not in scope at this time.

Q7: Is the existing plywood electrical backerboards to be painted? Or are new backerboards being installed?

A7: All electrical backerboards are expected to be new.

Q8: Are the exterior concrete surfaces outside of the building to be prepared and painted?

A8: Not in scope at this time.

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?
07 81 00	Fireproofing	Carboline Southwest Type 7TB	Cafco 300 or 400	No – the information provided does not indicate that these products are intended for thermal protection of foamed plastics, which is the scope of work.