

387-2025 ADDENDUM 4

SEWPCC & WEWPCC SLUDGE HOLDING TANKS REFURBISHMENT

URGENT

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

ISSUED: 2025-07-24
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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 – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, July 29th, 2025.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D3.2 (e) to read: Salvaging other equipment and instrumentation on and in the tank top slab for re-installation including **high-level float switches, ultrasonic level transducers**, the Magikist Hot Water Pressure Washer with all ancillary equipment, and the exhaust fan and ducts at the northwest corner on the main floor. **Salvage equipment for re-installation.**

Revise: D3.2 (o) to read: Re-installation of salvaged equipment above the tanks and instrumentation within the tanks, including **high level float switches, ultrasonic level transducers**, the Magikist Hot Water Pressure Washer with all ancillary equipment, and the exhaust fan and ducts at the northwest corner on the main floor.

Revise: D21.2 to read: In the event that incidental work is behind schedule which, in the opinion of the Contract Administrator, should have been or could have been carried out by the Contractor in conjunction with or immediately following work of a major type, the City hereby reserves the right to charge Working Days on the incidental work until such time as it is up to schedule. **Incidental work in this context would be mutually agreed upon between the Contractor and the Contract Administrator.**

Add: D23.4 (d) to read: At SEWPCC, the CMU wall on the new slab must be reconstructed similar to existing. The required ventilation work at SEWPCC must also be complete and functional.

PART E – SPECIFICATIONS

Revise: E15.1 (b) to read: At the WEWPCC facility a fast-curing coating is required. The maximum allowable time between sludge trucks using the bay is **72** hours. The **surface must be prepared, and the** coating must be applied and cured in this time.

Revise: E18.1 (a) (vii) to read:

Re-installation of mechanical/HVAC/**electrical** equipment for CMU room above sludge tanks at SEWPCC facility.

- Add: E18.1 (b): Provide the following general building services work:
- Add: E18.1 (b) (i) to read: All general electrical work that is incidental to the instructions given on the drawings or specifications.
- Add: E18.1 (b) (ii) to read: All work relating to the installation of the SEWPCC Tank 2 drain and the WEWPCC Tank 2 mud trap and basket system connecting to the sump below.
- Revise: E20.1 (a) to read: For each tank at the SEWPCC facility, uninstall existing ultrasonic level **transducer**, and high-level **float** switch for the duration of tank rehabilitation work, then reinstall **in the same arrangement** afterwards. For the purposes of bidding, assume that there **is (1)** float switch and one (1) ultrasonic level **transducer** per tank.
- Revise: E20.1 (b) to read: For each tank at the WEWPCC facility, remove existing level monitoring equipment in the tanks and replace with the following equipment listed in E20.2. Each tank is to have **one (1) ultrasonic level transducer**, one (1) ultrasonic level transmitter and **one (1) high level float switch**. **For the purposes of bidding the project, assume the float switches to be installed at WEWPCC are as per E20.2.4**
- Revise: E20.2.4 to read: Bestobell Aquatronix Direct Mounting **Magnetic** Vertical Level **Switches**. Match existing equipment at SEWPCC for the installation at WEWPCC. If unable to match existing, submit equivalent equipment below for review.
- Remove: E20.2.4 (a) to (j)
- Add: E20.2.4 (k) Existing Model in use at SEWPCC for reference:
- Add: E20.2.4 (k) (i) Make: Bestobell Mobrey
- Add: E20.2.4 (k) (ii) Model: DC4FS4N1D4/0
- Remove: E20.2.5

DRAWINGS

- Replace: 387-2025_Drawing_1-0102-SAAA-D001-01_R1 with 387-2025_Addendum_04_Drawing_1-0102-SAAA-D001-01_R1
- Replace: 387-2025_Drawing_1-0102-SAAA-D002-01_R1 with 387-2025_Addendum_04_Drawing_1-0102-SAAA-D002-01_R1
- Replace: 387-2025_Drawing_1-0102-SGAD-DD53-01_R1 with 387-2025_Addendum_04_Drawing_1-0102-SGAD-DD53-01_R1
- Replace: 387-2025_Drawing_1-0102-SGAD-D009-01_R1 with 387-2025_Addendum_04_Drawing_1-0102-SGAD-D009-01_R1
- Replace: 387-2025_Drawing_1-0102-SGAD-D010-01_R1 with 387-2025_Addendum_04_Drawing_1-0102-SGAD-D010-01_R1
- Replace: 387-2025_Drawing_1-0102-SDTL-D004-01 with 387-2025_Addendum_04_Drawing_1-0102-SDTL-D004-01_R1
- Replace: 387-2025_Drawing_1-0102-MGAD-DD52-01_R1 with 387-2025_Addendum_04_Drawing_1-0102-MGAD-DD52-01_R1
- Replace: 387-2025_Drawing_1-0102-MGAD-D605-01_R1 with 387-2025_Addendum_04_Drawing_1-0102-MGAD-D605-01_R1
- Replace: 387-2025_Drawing_1-0102-PDTL-D001-01 with 387-2025_Addendum_04_Drawing_1-0102-PDTL-D001-01_R1

Replace: 387-2025_Drawing_1-0103-SAAA-H002-01_01_R1 with 387-2025_Addendum_04_Drawing_1-0103-SAAA-H002-01_R1

Replace: 387-2025_Drawing_1-0103-PGAD-H001-01_01_R1 with 387-2025_Addendum_04_Drawing_1-0103-PGAD-H001-01_R1

Replace: 387-2025_Drawing_1-0103-PGAD-H002-01_01_R1 with 387-2025_Addendum_04_Drawing_1-0103-PGAD-H002-01_R1

NMS Specifications

Section 01 52 00

Revise: 1.13.1.1 to read: SEWPCC

Add: 1.13.1.1.1: Water for the purposes of hydrovac operations can be provided by the City. If the City deems the Contractor water use to be excessive, the City reserves the right to meter the water usage and bill the Contractor at a fair rate.

Add: 1.13.1.2: WEWPCC

Add: 1.13.1.2.1: The WEWPCC facility does not have treated municipal water. The contractor is responsible for transporting their own water to and from the site.

Section 09 85 00

Revise: 1.1.1.2 to read: Prepare and apply a polyurethane cement coating system to the floor above the tanks in the WEWPCC **and SEWPCC** facilities including cove base, sawcut terminations and construction details of coating system as required.

APPENDICES

Add: 387-2025_Addendum_04-Appendix_E-SEWPCC_Fire_Alarm_System.pdf

Add: 387-2025_Addendum_04-Appendix_F-Additional_Site_Photos.pdf

QUESTIONS AND ANSWERS

Q1: At WEWPCC, please define the limits of the floor coating system. It could be interpreted as the 'driving lane' only.

A1: The floor coating system is to be applied to the entire truck loading bay slab, not just the driving lane.

Q2: For the WEWPCC truck bay floor coating, 48 hours is very unlikely to be sufficient to clean and prepare the slab, as well as apply and cure an acceptable product. Please advise on the amount of time the contractor will have to complete this work.

A2: See E15.1 revision above.

Q3: At WEWPCC, please confirm the work in D/Ref.1 on PGAD-H002 is only applicable to one tank, and not intended for all three tank structures.

A3: No, this work is to apply to all three tanks at WEWPCC. See revised drawings.

Q4: Please confirm an example of what would and would not be considered a "Working Day" in the City General Conditions?

A4: For this project, an example of a working day would be considered if the Perimeter Highway is open. An example of a non-working day would be if the Perimeter Highway is closed by the Province of Manitoba.

- Q5: Please provide an example of what would be considered "incidental work" in D21.2.
- A5: For this project the incidental work will be mutually agreed upon between the Contractor and the Contract Administrator. See revised D21.2.
- Q6: Please provide images of the WEWPCC backboard, existing SEWPCC drain embedded in the concrete, and the top of the CMU room at the SEWPCC facility.
- A6: See added Appendix F.
- Q7: Are there smoke detectors in the room above the SEWPCC sludge holding tanks that might be tripped during demolition?
- A7: The fire alarm system affected by the construction work will be de-activated by the City during construction. See added Appendix E: SEWPCC Fire Alarm System to see relevant fire alarm system above the SEWPCC tanks.
- Q8: Is the large currently ongoing SEWPCC upgrade project expected to finish when this project starts?
- A8: The project may still be ongoing. However, the current contractor does not have jurisdiction over the sludge holding tanks or the room above.
- Q9: Which line item in Form B should the SEWPCC electrical work pertaining to the electrical equipment mounted to the CMU room above the sludge holding tanks correspond to?
- A9: This work should be included in the "SEWPCC Mechanical and Building Services Work" line item. See Revised E18.1(a)(vii) above.
- Q10: Which line item in Form B should the general electrical work not specified in E20 correspond to?
- A10: This work should be included in the SEWPCC and WEWPCC "Mechanical and Building Services Work" line items. See added E18.1 (b)(i) above.
- Q11: Please clarify which equipment the note pointing to the SEWPCC sludge holding room east wall in 1-0102-MGAD-DD52 is talking about.
- A11: This has been corrected in the drawings in this addendum. It was only meant to apply to the walls on the CMU room that will be demolished as part of the project.
- Q12: Please confirm who is responsible for any temporary reprogramming of control systems during construction and final control system programming for new instruments if required.
- A12: This is under the City's scope of work.
- Q13: Tender 387-2025 clause B3.2 for SEWPCC, states "Bidder will be able to review equipment in the masonry room above sludge tanks that will need to be temporarily located and reinstalled as part of this project." Please confirm if any equipment will need to be temporarily relocated and operational, during demo and construction, before reinstalling in final location.
- A13: The pressure washer will be moved to a neighboring room and will not be required to be operational during the construction. However, it must be reinstalled and operational afterwards. The City will install and program a temporary panel for the truck drivers to operate during construction.
- Q14: The drawings reference pouring concrete as well as using shotcrete methods, please confirm which one is to be used for the 100mm depth walls.
- A14: The expectation is for the 100mm walls to have concrete poured at SEWPCC as the tanks top slab is being replaced anyways making this feasible given the level of rehabilitation needed (The SEWPCC drawings have been revised to correct the discrepancy). At WEWPCC, however, where the concrete degradation is far less severe and the tanks top slab is not being replaced, shotcrete is the feasible option for rehabilitation.

Q15: Specification 09 85 00, 3.8 calls for Crack Repair at the Contract Administrator's discretion. As the Contractor cannot quantify or evaluate the requirements of this crack repair, we suggest moving this scope under E4. Cash Allowance for Additional Work. If defined by the Contract Administrator, the Contractor can allow for a certain number of project days per tank in the base bid for this crack repair as a baseline.

A15: Surface cracking on the tank interior surface would be incidental to the surface preparation work. While there is no expected structural cracking present, should structural cracks be discovered during the rehabilitation work, the Contractor must notify the Contract Administrator immediately and this work will be considered part of the cash allowance.

Q16: At WEWPCC, can we expand our laydown area to the areas next to the polishing ponds?

A16: Should the Contractor require additional laydown area, they can keep equipment next to the polishing ponds so long as the laydown equipment does not impede facility operations. It should also be noted that during the wintertime this area would not be maintained by the City for snow ploughing.

Q17: Is water provided at the WEWPCC facility for water jetting / hydrovacing?

A17: No, the WEWPCC facility does not have treated municipal water. The contractor is responsible for transporting their own water to and from the site. See revised 01 52 00 1.13.1 Specification.

Q18: Are there loop drawings available for the tank instrumentation for both locations? Will the loop drawings require a revision?

A18: No loop drawings will be issued for this project. All instruments will be connected as existing.

Q19: If the SEWPCC instruments are existing to remain, will there be a recalibration required on the stilling well reinstalled LT's & the existing wall mounted LIT's?

A19: As the equipment will be uninstalled and reinstalled, for the purpose of bidding include a recalibration