



## **TOWN OF LUNENBURG**

### **WASTEWATER TREATMENT PLANT UPGRADES & EXPANSION**

**CONTRACT NO. 240800.00**

#### **ADDENDUM NO. 5**

**March 3, 2025**

#### **Clarifications:**

1. The SBR tank is designed to be liquid-tight in accordance with the design provisions of CSA S900.2 for tanks without liners or integral waterproofing. Any cracks need to be repaired in accordance with specification section 03 30 00, subsection 3.16. If the contractor wishes to utilize a crystalline waterproofing to mitigate the risk of cracks, that would be acceptable but is not required.
2. As per Section 01 40 00, subsection 1.2 and Section 03 30 00, subsection 3.14, it is the responsibility of the Contractor to obtain concrete and materials testing services carried out by a third-party testing laboratory.
3. As per Section 03 30 00, subsection 3.16, it is the responsibility of the Contractor to complete leak testing but is not required to be carried out by a third-party testing laboratory. Existing tanks are not required to be leak tested under this section.
4. As per Section 01 91 13, subsection 1.4, the Contractor is responsible for carrying out the commissioning tasks listed.
5. The Effluent lift station and flow meter are existing and will continue to use existing equipment and instrumentation, without process modifications.
6. The odour control humidification system is existing and will continue to use existing equipment and instrumentation, without process modifications.
7. LCP-01 is a new enclosure with the breaker/contactors as indicated on the SLD.
8. The WAS pump starters are installed in MCC-02 (New) as indicated. Schematic shown for WAS pumps is for starter control wiring required to operate it so MCC interfaces properly with VCC-03B. There was a tag change on addendum 4 to change them from M-210 to M-216 and M-220 to M-226 so the tags align with the other drawings.

The following changes or modifications shall be made to the Tender Documents:

#### **TO THE SPECIFICATIONS**

#### **SECTION 00 21 13 – INFORMATION TO TENDERERS**



**Page 1, delete subsection 2 and replace as follows:**

2. **Tenders shall be submitted exclusively by email to [purchasing@townoflunenburg.ca](mailto:purchasing@townoflunenburg.ca) up until 3:00 p.m., local time, on Thursday March 20<sup>th</sup>, 2025, hereinafter** referred to as the Tender Closing. Subject heading of email to read "CONTRACT NO. 240800.00 – TENDER SUBMISSION." The time stamp of the email received by [purchasing@townoflunenburg.ca](mailto:purchasing@townoflunenburg.ca) will be used to determine if the submission was received in time – not the time it was emailed sent by the sender. Last minute submissions are not recommended.

### **SECTION 01 14 00 – WORK RESTRICTIONS**

**Page 1, delete subsection 1.1.7 (added in Addendum 4) and replace as follows:**

- .7 The screen channel can be bypassed by gravity using existing bypass structures and gates, as can each of the bioreactor trains (though this significantly affects treatment). There are no existing bypass structures to allow bypass the UV disinfection channel. The WWTP can operate without the dewatering press for an extended period if the sludge is hauled in liquid form. The contractor would be responsible for hauling the sludge as required to facilitate this.

### **SECTION 03 30 00 – CAST-IN-PLACE CONCRETE**

**Page 18, delete subsection 3.16.1 and replace as follows:**

- .1 Leak test the SBR Tank in accordance with CSA S900.2. Complete the Qualitative Test (Part 1) and Quantitative Test (Part 2) in accordance with ACI 350.1. Acceptance criteria for the Quantitative Test is a maximum volume loss of 0.05% of volume per day. The initial filling rate must not exceed 1.2 metres per hour. Backfilling around the structure is not permitted until leak test has been completed. The water for the test is not required to be potable. Groundwater or final effluent from the WWTP could potentially be used. It is typical practice that only one tank be leak tested at a time, which allows the test water to be moved from tank to tank in turn.

### **SECTION 07 55 00 MODIFIED BITUMINOUS MEMBRANE ROOFING**

**Page 2, delete subsection 1.3.3.**

### **SECTION 40 05 10 – PROCESS MECHANICAL GENERAL REQUIRMENTS**

**Page 1, delete subsection 1.2.1 and replace as follows:**



- .1 Furnish all materials, labour, tools and equipment and perform all operations necessary to complete all process systems specified under Division 40 and Section 44 46 16 and install all process equipment and material handling equipment specified in Section 44 41 13 and Division 46.

## **TO THE DRAWINGS**

### **DRAWING C01 - EXISTING CONDITIONS AND REMOVALS**

Add GENERAL Note 21 as follows:

21. THE BOUNDARIES OF THE EXISTING GRASSED AREA EXTEND FROM THE ACCESS ROAD ON THE WESTERN EDGE OF THE SITE TO THE NORTHWESTERN CORNER OF THE EXISTING BIOREACTOR, THEN TO THE SOUTHWESTERN CORNER OF THE BIOFILTER FENCE, ALONG THE TOP OF SLOPE TO THE EAST OF THE SITE CURVING SOUTH TO STARR ST, AND ALONG STARR ST. TO THE ACCESS ROAD.

CBCL Limited  
March 03, 2025