

Eureka Water and Sewer

Addendum 1:

Please note the following changes, corrections, additions, deletions, information and/or instructions.

1. Add the following Clauses to Section 01 11 00.

Clause 1.8.5: The following granular materials will be provided in stockpile for use by the contractor:

- .1 5,000 m³ Granular 19 mm down granular
- .2 69,000 m³ Granular 50 mm down granular
- .3 5,000 m³ of Rip Rap
- .4 All quantities are based on a surveyed stockpile volume.

Clause 1.14.2: The contractor shall obtain substantial performance for the Work by September 30, 2024.

Clause 1.15.3: The Contractor shall obtain and pay for all permits and costs associated with maintenance support site visits.

Change Clause 1.2.11 to:

Packaged wastewater treatment plan with MBBR process, UV disinfection unit, wastewater effluent pump station and forcemain, aerobic sludge digestion, sludge thickening/dewatering/bagging system and the required equipment for a complete operating system with insulated, heated, ventilated containers. The system includes **a five (5) year Term of Contract as Part B - Maintenance** service for the packaged wastewater treatment plant. The plant shall include:

- .1 Plant controls and SCADA, commissioning of completed works, comprehensive training of operators, and provision of age sensitive parts, and service contract for training the operator in maintenance of all processes and equipment.

2. Section 46 01 07

Change Clause 1.2.1 to: All work performed under this Section shall be paid according to the Bid Documents for Part B - Maintenance.

Remove Clause 1.2.1.1

Remove Clause 1.3.2.4

Change Clause 1.3.2.5 to: Bring items with short shelf life to site as part of Part B - Maintenance visit. Cost to be built into Maintenance visit cost.

3. Add the following Clause to Section 46 07 53

Clause 3.6.5.19:

- .1 Maintenance support personnel shall be provided by the STP supplier as part of the Term of Contract as Part B – Maintenance, and shall be knowledgeable with regards to operation, training and commissioning.
- .2 Maintenance costs will be paid per each visit, including 16 hrs of non-resident maintenance support. Replacement age sensitive parts that are not included in the main spare parts list shall be included as part of the Maintenance visit cost. Invoices shall be submitted following each visit..
- .3 The Contractor shall pay for all maintenance site visit costs, including Eureka permits, flights, accommodation board, transportation, etc.
- .4 The maintenance support person is to help with training, regular maintenance, general repairs and operational tips.

4. Add the following Clause to Section 33 47 26.16

Clause 3.2.5

The estimated quantity of the sludge to be removed from the existing wastewater treatment lagoon is approximately 35 m³ (after dewatering). Assumed solid concentration after dewatering: 30 - 40%.

5. Section 01 14 00

Change Clause 1.3.4 to: Camp set up includes site leveling and use of up to **200 m³** of stockpiled granular material.

6. Add to the following Clause to Section 01 27 00:

Clause 1.3.8.9: Removal, hauling, stockpiling, and replacement of excavated unsuitable material with granular aggregate is incidental to the Work and will not be measured. It will be included as part of the lump sum payment for ITEM 8 – Raw Water Reservoir and Site Development, which shall be full compensation for all labour, materials and equipment necessary to excavate, load, haul, stockpile, and replace the excavated unsuitable material, moisture control to limits specified and all subsidiary and incidental items thereto for which separate payment is not elsewhere provided. There will be no extra payment for handling the material more than once.”

7. Add the following clause to Section 33 47 19:

Clause 3.17: The floating walkway for the temporary raw water intake at the new Raw Water Storage Reservoir shall be fastened at the top of the berm and shall not be fastened on the internal slope of the reservoir berm. Submit shop drawings for approval prior to installation.

8. Add the following Construction Notes to Drawing C-0009: Contaminated Soil Storage Cell Plan, Cross Section and Location Plan:

1. The stockpile of contaminated soil shall be covered by a 30 mil (0.75 mm) oil resistant RPE geomembrane liner after soil placement is complete. Submit shop drawings for approval prior to installation.
2. Handling and installation of the liner shall follow manufacturer's recommendations.
3. Welding of the liner sheets shall be per manufacturer's recommendations.
4. The liner material shall not be punctured during placement.
5. Secure the cover liner in a 0.5 m x 0.5 m x 0.5 m anchor trench on the exterior of the berm so that precipitation is shed off of the storage cell.
6. Secure the top of the cover material with sandbags at a 5 m grid to prevent from wind damage.