

**ADDENDUM #2
MAY 7, 2024**

**REQUEST FOR TENDER FOR
REGIONAL LANDFILL CELL 5 NORTH CONSTRUCTION
CONTRACT 9-2024 APRIL 2024
ESSEX-WINDSOR SOLID WASTE AUTHORITY**

We have received the following questions, and the response are provided below in red:

A. Sludge Pit Excavation:

1. The quantity of 22,000 cubic meters seems quite high if we are only excavating the 2 pits detailed on the drawings. Can you confirm the quantity to be excavated and depth of the sludge to be excavated? **The surface area of the approximate location of sludge pit excavation (2 pits) as shown on Drawing C04 is 2,750m². Using an approximate average depth of 8m, the approximate volume of sludge is 22,000m³. This volume will vary depending on the depth and quality of sludge material encountered.**
 2. If the quantity to be excavated is 22,000 cubic meters, how much of this is assumed to be dry vs. wet for bidding purposes? **Only one shallow test pit was previously excavated about 2 years ago and the materials within the upper meter appeared to be little dryer (similar to moist topsoil), below that is wet sludge is anticipated and below that the conditions are unknown at this time.**
 3. Stockpiling the sludge to dry in the proposed Cell 5N work area will pose a challenge for completing the new cell as quickly as possible. Is there an alternate location that this material could be left to dry? Possibly somewhere in the already landfilled area out of the way of EWSWA's work area and ours? **The EWSWA will designate an area at or near the active tipping area for the temporary storage and placement of the excavated sludge.**
 4. How much dry sludge material per hour can be sent to the tipping face? Same 200 cubic meters per hour as garbage excavation? **This will be determined by EWSWA based on their daily operations and their available space capacity. This will likely vary throughout the construction work and will be determined in coordination with EWSWA.**
- B. With recent volatility in fuel pricing, could a fuel escalation allowance be added to the tender? This would allow contractors to bid aggressively with current fuel rates knowing that adjustments in actual rates paid during construction would be covered under this allowance. **EWSWA will not allow for escalation clause due to the short duration of the contract. Fuel costs should include any potential market escalations or adjustments.**

- C. Can the primary drainage gravel for the cell be sourced from Walker Aggregates McGregor quarry if it meets the sizing requirements in the spec? **No, unfortunately their drainage gravel does not meet the project requirements. Previously, the drainage gravel was sourced by the contractor from Alpena and shipped to Kingsville dock. Confirmation shop drawings and laboratory testing results will be required for approval prior to shipping to the site.**
- D. Can a current elevation of the leachate level in MH15 be provided? **This manhole is not monitored by EWSWA. However, recent reading from last week at PS#2 (next to Manhole 15) was 7.97m, up from 7.73m last week.**
- E. Drainage ditch construction or regrading. – Any new swale/ditch or regrading of an existing swale/ditch should be paid under tender items 32 a and b, correct? SP item 41 (roadwork) mentions all excavation for road work and ditch work should be included in tender items 21-25 for each type of roadwork. Can you please review and confirm? **Construction of new ditch/swale or regrading of existing ditch/swale shall be paid under Items 32 a) and 32 b) respectively. All other work required for road construction shall be included in the respective road construction items (Items 21 to 25).**
- F. Regarding the Drainage Stone for the Leachate piping, would you consider omitting the calcium carbonate and magnesium carbonate requirement for the drainage clear stone, granted it meets the specified gradation? **No as the local stone is not strong enough for long-term drainage at the site. The local drainage gravel does not meet the project requirements. Previously, the drainage gravel was sourced by the contractor from Alpena and shipped to Kingsville dock. Confirmation shop drawings and laboratory testing results will be required for approval prior to shipping to the site.**

END