

**Region of Waterloo**

**Corporate Services**

**Treasury Services (Procurement)**

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**To:** Regional Council

**Meeting Date:** March 22, 2023

**Report Title:** T2023-101 - Cell SE-5A/B Liner and Leachate Collection System  
Waterloo Landfill Site in the Cities of Waterloo and Kitchener,  
Ontario

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**1. Recommendation**

That the Regional Municipality of Waterloo take the following action with respect to T2023-101 - Cell SE-5A/B Liner and Leachate Collection System Waterloo Landfill Site in the Cities of Waterloo and Kitchener, Ontario (Under PQ2022-20) as set out in report COR-TRY-23-007 dated March 22, 2023:

1. Accept the tender of Arcadis Canada Inc. in the amount of \$8,695,067.73 plus all applicable taxes; and
2. Amend the Capital Budget for project 01154 in the Waste Management Capital Program by advancing expenditure and debenture financing authority for a term not to exceed 10 years in the amount of \$1,930,000 from 2024 to 2023 to reflect planned substantial completion of the project in 2023.

**2. Purpose / Issue:**

Purchasing by-law 22-034 Section 9 item 3 requires Council approval for tenders in excess of \$150,000 but less than \$10,000,000 if the tender with the best overall cost that is compliant exceeds the budget for the acquisition of the goods and services and approval from Council to increase the budget is required.

**3. Strategic Plan:**

Award of this contract meets the 2019-2023 Corporate Strategic Plan objective to protect our water resources (drinking water and wastewater treatment) under Strategic Focus Area 3, Environment and Climate Action.

**4. Report Highlights:**

The following tenders were received:

Arcadis Canada Inc	Richmond Hill, Ontario	\$8,695,067.73
QM ENVIRONMENTAL	Mississauga, Ontario	\$8,858,203.00
VanRooyen Earthmoving Ltd.	Woodstock, Ontario	\$9,658,479.50

The final date of acceptance for this Tender is May 25, 2023.

**5. Background:**

Tenders were called for T2023-101 - Cell SE-5A/B Liner and Leachate Collection System Waterloo Landfill Site in the Cities of Waterloo and Kitchener, Ontario (Under PQ2022-20) and were advertised on the Ontario Public Buyers Association website and on the Region's website. A general contractor pre-qualification was completed for this project (PQ2022-20) and only bids received from the pre-qualified list were accepted.

The work under this contract includes the supply of all labour, equipment and materials necessary for the final base grade excavation and installation of the base liner and leachate collection system for Waterloo Landfill Cell SE-5A/B. The base liner consists of an engineered compacted clay liner augmented with a high density polyethylene (HDPE) geomembrane and a geosynthetic clay liner (GCL) over the entire base and east and south sideslopes. Most of the clay material needed to construct the compacted clay liner was excavated and stockpiled on-site in 2022 as part of the Cell SE-5A/B pre-excavation contract T2022-104. Additional clay will be available from the final base grade excavation under this contract.

**6. Area Municipality Communication and Public/Stakeholder Engagement:**

Nil

**7. Financial Implications:**

Staff recommend advancing expenditure and debenture financing authority for a term not to exceed 10 years for the project from 2024 to 2023 to complete the work within revised timelines. Detailed Financial Implications tables are included in Appendix A.

**8. Conclusion / Next Steps:**

Subject to Council approval, the work of this contract will begin April 3, 2023 with completion expected by November 2023.

**9. Attachments:**

Appendix A: Detailed Financial Implications

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**Approved By: Craig Dyer**, Commissioner, Corporate Services/Chief Financial Officer