



City of
Peterborough

To: Members of the Waste Management Steering Committee

From: W. H. Jackson, Director of Utility Services

Meeting Date: March 16, 2015

**Subject: Report WMC15-008
Award of Tender T-05-15 for the Construction of Cell 3,
Installation of a Gas Collection System and Expansion of the
Public Drop-off Area at the Peterborough County/City Waste
Management Facility**

Purpose

To recommend the award of Tender T-05-15 for the Construction of Cell 3, Installation of a Gas Collection System and Expansion of the Public Drop-off Area.

Recommendations

That the Waste Management Committee approve the recommendations as outlined in Report WMC15-008 dated March 16, 2015, of the Director of Utility Services as follows:

- a) That Tender T-05-15 for the construction of Cell 3, installation of a gas collection system and expansion of the public drop-off area at the Peterborough County/City Waste Management Facility be awarded to Drain Bros. Excavating, 2130 8th Line Road North, Lakefield, ON K0L 2H0 at a total cost of \$3,926,964.56 plus HST of \$510,505.39 for a total of \$4,437,469.95; and
- b) That the contract with UEM Consulting, 120 Colborne Street, Unit 106-107 Brantford, ON N3T 2G6 for the design, tender evaluation and construction supervision of Tender T-05-15 be increased by \$35,000 from \$85,000 to \$120,000 plus HST of \$15,600 for a total of \$135,600.

Budget and Financial Implications

The total project costs (net of the HST rebate) including contingency allowance, engineering overhead and contract administration and inspection are as follows:

Line	Description	Amount
1	T-05-15 Cell 3 Construction, Installation of Gas Collection System, Expansion of Public Drop-off Area	\$ 3,926,964.56
2	Engineering and Contract Administration (2015)	\$ 120,000.00
3	HST payable by the County/City	\$ 71,226.58
4	Contingency	\$ 400,000.00
5	Total Estimated Project Cost (Net of HST rebate)	\$4,518,191.14

Funding for the Construction of Cell 3, Installation of a Gas Collection System and Expansion of the Public Drop-off Area will come from the following sources:

Line	Description	Amount
1	2015 Capital Budget (City Capital Budget Item 5-10.01)	\$4,900,000.00
2	2015 City Operating Budget for Consultant	\$ 85,000.00
3	Total	\$5,085,000.00

The total net \$4,518,191.14 requirement after applicable HST rebates can be accommodated within the \$5,085,000.00 allocation from the approved 2015 Capital and Operating budgets.

Background

Brief Description of the Work

Tender T-05-15 involves the construction and commissioning of Cell 3 of the North Fill Area, implementation of the first phase of the gas collection system within Cell 2 of the North Fill Area with wells, header and connection to the Landfill Gas Generation Plant and an extension to the Public Drop-off Area.

RFT Bid Solicitation, Closing, Prepared by, Reviewed by

Tender T-05-15 was prepared by the Landfill Consultant (UEM) in coordination with City and County staff. The tender was issued on January 27, 2015 and closed on March 5, 2015. The tender was evaluated by the Consultant with the Director of Utility Services.

Summary of Submissions

Chart 1 below provides a summary of the Tender results:

Chart 1 – RFT T-05-15 Cell 3 Construction, Gas Collection Implementation and Extension to Public Drop-off Area

Firm Name	Address	Bid Amount (Excluding HST)
Drain Bros. Excavating	Lakefield	\$3,926,964.56
Eagleson Construction	Millbrook	\$4,287,628.50
Todd Brothers Contracting Ltd.	Stouffville	\$4,524,704.53
Coco Paving Inc.	Peterborough	\$4,573,762.00
Cruickshank Construction Ltd.	Morrisbury	\$4,839,639.75
Hard-Co Construction Ltd.	Whitby	\$4,921,175.00
Tervita Corporation	Burlington	\$5,446,846.00
R. W. Tomlinson Ltd.	Ottawa	\$6,726,310.00

Recommended Bidder

Based on a review of the lowest tender price, it is recommended that Tender T-05-15 be awarded to Drain Bros. Excavating.

Drain Bros. Excavating has satisfactorily completed major projects in both the County and the City in recent years.

Timelines

The original timelines called for the gas collection system to be done first with a proposed starting date of March 30, 2015 with completion scheduled for April 30, 2015. The construction of Cell 3 and expansion of the public drop-off area was scheduled to start on May 1, 2015 with completion by September 1, 2015.

The original closing date for this tender was February 26, 2015 but that was extended one week to March 5, 2015 to ensure all questions from the potential bidders were answered and that they had sufficient time to respond. City Council will not consider this matter until its meeting of April 20, 2015 and, accordingly, the May 1, 2015 start for

implementation of the gas collection system may be jeopardy although all efforts will be made to minimize any delay to the start of this project.

Increase in Consultant Fees

In the original Request for Proposals for Engineering and Reporting Services for the Peterborough County/City Waste Management Facility in 2013, the issue of geotechnical expertise for the construction and supervision of Cell 3 was left as an option because at that time there was some consideration that this work might be done in-house or through a City “firm of record”.

Throughout the development of Tender T-05-15, the geotechnical firm WSP Canada Ltd. was used to confirm soil conditions and technical requirements. A representative of this firm attended the mandatory site meeting to answer any questions related to soil and ground water conditions. Based on this, and after receiving quotes from three firms, it is believed that the best course of action is to continue with WSP as the geotechnical firm now responsible for the supervision of those aspects of the construction that relate to soil and ground water issues. This will include taking and analyzing soil and compaction samples to ensure all Ministry of the Environment and Climate Change requirements are met. The additional funds needed for this work are estimated at \$35,000 and have been included in the project costs shown under the Budget and Financial Implications section of this report.

Summary

RFT T-05-15 for the construction of Cell 3 of the Peterborough County/City Waste Management Facility, construction of a Gas Collection System for Cell 2 and to construct a retaining wall system to expand the existing public drop-off area, including all access roads, drainage ditches, fencing, screening berms and other miscellaneous works has been issued in accordance with the City’s Purchasing By-law 14-127 and will be recommended to City Council for award within the approved budgets as detailed in this report.

Submitted by,

W. H. Jackson
Director, Utility Services

Contact Name:
W.H. Jackson, P.Eng.
Director, Utility Services
Phone: 705-742-7777 Ext. 1894
Fax: 705-876-4621
E-mail: wjackson@peterborough.ca