

# TORONTO TRANSIT COMMISSION REPORT NO.

**MEETING DATE:** December 15, 2010

**SUBJECT:** PROCUREMENT AUTHORIZATION  
LOW FLOOR LIGHT RAIL VEHICLE  
MAINTENANCE AND STORAGE FACILITIES  
FLEET REPLACEMENT - ASHBRIDGES BAY SITE  
SOIL REMOVAL AND CAPPING  
CONTRACT No.: WM60-1

## **ACTION ITEM**

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### **RECOMMENDATION**

It is recommended that the Commission authorize the award of Contract WM60-1, Low Floor Light Rail Vehicle Maintenance and Storage Facilities Fleet Replacement – Ashbridges Bay Site Soil Removal and Capping to EllisDon Corporation & GFL Waste and Recycling Solutions Corp., in the amount of \$51,357,735.36.

### **FUNDING**

Funding for the project is included under Project 3.9 LRT Replacement Maintenance & Storage Facility, as outlined on pages 839-841 in the TTC 2010-2014 Capital Program which was approved by City Council on December 8, 2009. Soil conditions were identified on the property and have increased the total cost of the project, which among other cost escalation, results in a total increase of \$89.7 million to the estimated final cost of the project. The increased costs have been included in the 2011-2015 Capital Program budget submission; however there are sufficient funds in the interim for this expenditure in the current approved budget (cashflow) and level of project commitments, pending City Council approval in early 2011. Approval of the \$89.7 million increase in budget costs will be required to allow staff to proceed with full contract commitments and to achieve completion of this project.

### **BACKGROUND**

At its meeting of May 21, 2008, the Commission approved the recommendations identified in the Streetcar Maintenance and Storage Master Plan (Master Plan) which concluded that existing facilities were not capable of providing service for the new Low Floor Light Rail Vehicle (LFLRV) fleet required to replace the existing streetcars. The

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Master Plan recommended that one Maintenance and Storage Facility (MSF) be constructed for the new LFLRV fleet with a maintenance capacity of 210 vehicles and a storage capacity of 100 vehicles and that the existing Russell and Roncesvalles Carhouses be used for storage and daily maintenance.

At its meeting of April 27, 2009, the Commission approved a contract award to Bombardier for the purchase of 204 LFLRVs to replace the existing aging fleet. A new MSF was required by the end of 2012 to meet the new vehicle arrivals. However, due to property issues, completion of the MSF has been delayed to the end of 2013.

At its meeting of December 16, 2009, the Commission approved the location of the MSF at Ashbridges Bay on Lake Shore Boulevard and Leslie Street. The Commission was advised that as part of the property cost, the project will require additional funds to the 2010-2014 Capital Budget for the removal of soil. Subsequently, the City Manager was advised of the same by way of letter on December 21, 2009.

At its meeting of June 2, 2010 the Commission approved the recommendations of the joint City/TTC Replacement Fleet Maintenance and Storage Facility Transit Project Assessment study including the construction of a non-revenue service connection from the existing streetcar network at Queen Street to the proposed Ashbridges Bay MSF via Leslie Street. The recommendations of the Transit Project Assessment were also approved by City Council at its meeting on June 8 and 9, 2010. City Council was advised verbally at its June meeting of the cost increase associated with the soil removal at this location.

At the time of writing this report, the MOE approval of Transit Project Assessment is expected by December 6, 2010, which will allow the construction to proceed.

Timely award of Contract WM60-1 is necessary to mitigate any further delay on the construction of the new MSF.

The scope of Contract WM60-1 includes removal and disposal of impacted soils; design, supply and install rammed aggregate piers to stabilize the soil; capping of site with imported granular material and grading of the site.

## **DISCUSSION**

Requests for Pre-Qualification statements were publicly advertised on January 12, 2010 on the Commission's website with Pre-qualification Statements to be submitted by February 9, 2010. Fifty companies requested copies of the pre-qualification information package and fifteen companies subsequently submitted a pre-qualification statement package. All pre-qualification statement packages received were reviewed and evaluated by the evaluation team.

In March 2010, the Commission completed a prequalification process which resulted in prequalifying the following nine companies:

1. B. Gottardo Construction Ltd.
2. Aecon Construction and Materials Limited
3. Quantum Murray LP by its General Partner Quantum Murray GP Inc. (Quantum Murray LP)
4. Dufferin Construction Company a division of Holcim (Canada) Inc.
5. EllisDon Corporation and GFL Waste and Recycling Solutions Corp. (EllisDon & GFL)
6. Elite Construction Inc.
7. Hazco Environmental Services, a Division of CCS Corporation
8. Bot Engineering & Construction Ltd. (Bot)
9. Golder Associates Innovative Applications Inc.

Specifications and drawings were prepared for Contract WM60-1 and a Request for Tenders was issued to the pre-qualified companies on September 17, 2010. Five companies submitted a tender and are summarized in Appendix A.

EllisDon & GFL submitted the lowest priced tender and did not state any exceptions or qualifications. Their tender is considered acceptable.

Quantum Murray LP submitted the second lowest priced tender and also did not state any exceptions or qualifications and their tender is considered acceptable.

Bot submitted the third lowest priced tender and also did not state any exceptions or qualifications and their tender is considered acceptable.

The successful Tenderer will be required to execute a Performance Bond and Labour and Material Payment Bond in the amount of 50% of the contract value.

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**JUSTIFICATION**

The tender submitted by EllisDon Corporation & GFL Waste and Recycling Solutions Corp. is the lowest priced acceptable tender. Timely award of Contract WM60-1 is necessary to mitigate any further delay on the construction of the new MSF.

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November 17, 2010  
55-98-98

Attachment:  
Appendix A – Summary of Tenders

# APPENDIX A – SUMMARY OF TENDERS

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## SUMMARY OF TENDERS

<u>Company</u>	<u>Tendered Price</u>
EllisDon Corporation & GFL Waste Recycling Solutions Corp. *	\$ 51,357,735.36
Quantum Murray LP	\$ 53,755,000.00
Bot Engineering and Construction Ltd.	\$ 62,749,000.00
Dufferin Construction Company, A division of Holcim (Canada) Inc.	\$ 67,687,000.00
Elite Construction Inc.	\$ 71,600,000.00
<b>Engineer's Estimate</b>	<b>\$69,500,000.00</b>
Recommended Company *	