

# TORONTO TRANSIT COMMISSION REPORT NO.

**MEETING DATE**      October 24, 2012

**SUBJECT:**                PROCUREMENT AUTHORIZATION AMENDMENT  
TORONTO-YORK SPADINA SUBWAY EXTENSION PROJECT  
CONTRACT NO. A85-75F – SHEPPARD WEST STATION  
CONTRACT AMENDMENT NO. 6

## **ACTION ITEM**

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### **RECOMMENDATION**

It is recommended that the Commission authorize Contract Amendment No. 6 to AECOM Canada Ltd. (AECOM), in the amount of \$2,000,000.00, increasing the total upset limit amount to \$18,135,274.00. This will provide for complete engineering support, inspection services and design revisions during the remaining period of construction work.

### **FUNDING**

Sufficient funds for this expenditure are included in the TTC's 2012–2016 Capital Program, which was approved by the Commission on December 14, 2011 and by Council on January 17, 2012. Funding for this work is included in the Toronto-York Spadina Subway Extension Project (Category – Expansion), as referenced in the 2011-2015 Capital Program books noted on pages 1447-1449R.

Payment will be on actual time basis and the contract work will be managed on a Work Plan Release basis.

### **BACKGROUND**

The TTC is implementing the design and construction of an underground subway line from the existing Downsview Station on the Spadina line to the proposed Vaughan Corporate Centre Station located in the City of Vaughan, Region of York. The 8.6 km extension includes six new subway stations, one of which is the Sheppard West Station.

The Toronto-York Spadina Subway Extension (TYSSE) project is being funded by the Federal Government, the Province of Ontario, the Regional Municipality of York and the City of Toronto. The TTC is managing the design and construction of the YYSSE project and will own and operate the subway extension.

**PROCUREMENT AUTHORIZATION AMENDMENT  
TORONTO-YORK SPADINA SUBWAY EXTENSION PROJECT  
CONTRACT NO. A85-75F – SHEPPARD WEST STATION  
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At the Commission Meeting of October 23, 2008, the Commission approved TYSSE's recommendation to award Contract A85-75F for the design of Sheppard West Station to the design team lead by Earth Tech Canada Inc. (now doing business as AECOM Canada Ltd.). The fee was subsequently increased to address several scope changes and design modifications such as: design changes and modifications to address site conditions, progressive comments and reviews by the City and other stakeholders and support during construction and post tender design revisions.

Current Contract A85-75F status is follows:

Original Contract Upset Limit Amount	\$8,000,000.00
Previous Contract Amendments	\$8,135,274.00
This Contract Amendment	\$2,000,000.00
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Total Revised Upset Limit Amount (including HST):	\$18,135,274.00

As part of the integration of the Sheppard West Station with a planned GO Transit Station, TYSSE has recovered incurred design costs from Metrolinx in the amount of approximately \$2,241,750.00.

To date there has been no expenditure beyond the previously authorized \$16,135,274.00.

**DISCUSSION**

Subsequent to the amendment approved by the Commission on May 11, 2011, section designers are required to provide more extensive engineering support, design revisions and review of substitutions during the remaining period of the construction work.

At this stage extra effort is required from the section designer in large part due to the higher number of submittals and requests for information (RFI), which total over 350 submittals and 400 RFIs to date. The project has just reached its mid-point. Initially, approximately 225 submittals and 325 RFIs were expected for the total duration of the project. Taking that into consideration, there remains an estimated number of 900 submittals, 525 RFIs and approximately 100 substitution requests beyond original expectations.

The following lists the items requiring additional funds including HST:

1. Address and finalize Site Plan Approval post-tender comments and design changes as requested by City of Toronto.
2. Co-ordination of Sheppard West Station Design with follow-on supply and installation contracts for equipment procured by the Commission and address stakeholder requirements.
3. Review of RFIs, submittals and additional effort for as-built drawings needed to address design revisions and Contract Changes for Sheppard West Station.

The total authorization being requested as an upset limit, including design support during construction, is \$18,135,274.00. Work will only proceed on the basis of work plans approved by staff.

**JUSTIFICATION**

The Contract Amendment is required to pay for the additional engineering costs associated with the increased project work to avoid delaying completion of the work.

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October 1, 2012  
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