

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: June 29, 2012

SUBJECT: PROCUREMENT AUTHORIZATION AMENDMENT
TORONTO-YORK SPADINA SUBWAY EXTENSION PROJECT
CONTRACT NO. A85-75B – FINCH WEST STATION
CONTRACT AMENDMENT NO. 10

ACTION ITEM

RECOMMENDATION

It is recommended that the Commission authorize Contract Amendment No. 10 to The Spadina Group Associates (TSGA), in the amount of \$4,395,000.00, increasing the total upset limit amount to \$28,028,935.31. This will provide for complete engineering support, 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 Metropolitan 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 Finch 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

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City of Toronto. The TTC is managing the design and construction of the TYSSE project and will own and operate the subway extension.

At the Commission Meeting of October 23, 2008, the Commission approved TYSSE's recommendation to award Contract A85-75B for the design of Finch West Station to the Spadina Group Associates (TSGA) c/o as the Stevens Group Architects. The fee was subsequently increased to address several scope changes and design modifications such as: the design of the new fire hall, design changes and modifications to address site conditions, Hydro One Networks Inc. (HONI) requirements, progressive comments and reviews by the City, future Finch West LRT Pedestrian Tunnel Link and support during construction and post tender design revisions.

Current Contract A85-75B status is as follows:

Original Contract Upset Limit Amount	\$12,000,000.00
Previous Contract Amendments	\$11,633,935.31
This Contract Amendment	<u>\$4,395,000.00</u>
Total Revised Upset Limit Amount (including HST):	\$28,028,935.31

To date there has been no expenditure beyond the previously authorized \$23,633,935.31.

DISCUSSION

Subsequent to the amendment approved by the Commission on March 1, 2011, section designers are required to provide more extensive engineering support, and design revisions/substitutions during the remaining period of the construction work.

At this stage extra effort is required from the section designers in large part due to the higher number of submittals and requests for information (RFI) which totalled over 600 submittals and 400 RFIs to date. The project has not yet reached its mid-point. Initially 600 submittals and 300 RFIs were expected for the total duration of the project. It is projected that 1200 extra submittals, 600 RFIs and approximately 200 substitution requests will be required beyond original expectations. Additional funds are also required to provide more extensive As Built drawings at the close out of the project to reflect more extensive design revisions emanating from the high number of RFIs and design revisions.

The following lists the items requiring additional funds including HST:

- Address and finalize Site Plan Approval (SPA) post-tender comments and design changes as requested by the City of Toronto.
- Address and finalize HONI post-tender comments for Finch West Station parking lot.
- Commissioning and close-out of Advanced Contracts.
- Address and co-ordinate implementation of PRESTO with fare collection equipment.
- Address and co-ordinate new Operations requirements for heating, ventilation and air conditioning (HVAC) redundancy in elevator machine rooms.
- Additional RFIs, submittals, design revisions and As Built drawings for Finch West Station.

The total authorization being requested as an upset limit, including design support during construction, is \$28,028,935.31. Work will only proceed on the basis of work plans approved by staff.

The Contract Amendment is being requested at this time to ensure that sufficient authorization is in place for the recently received design requirements and design support during construction.

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 and late delivery of the Project.

June 7, 2012
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