

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: June 24, 2013

SUBJECT: PROCUREMENT AUTHORIZATION AMENDMENT
TORONTO-YORK SPADINA SUBWAY EXTENSION PROJECT
CONTRACT NO. A85-75C
VAUGHAN CORPORATE CENTRE STATION
CONTRACT AMENDMENT NO. 6

ACTION ITEM

RECOMMENDATION

It is recommended that the Board authorize Contract Amendment No. 6 to Arup Canada Inc., in the amount of \$5,126,681.42 for design support during construction of the Vaughan Corporate Centre Station, increasing the total upset limit amount to \$29,723,660.42 from \$24,596,979.

FUNDING

Sufficient funds for this expenditure are included the in the Toronto-York Spadina Subway Extension (TYSSE) project, as set out on pages 1229-1231 of the TTC's 2013-2022 Capital Budget (Category – Expansion) which was approved by City Council on January 16, 2013.

Payment will be on actual cost incurred 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 in the City of Toronto 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, the terminus of which is Vaughan Corporate Centre 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.

At the Board meeting of October 23, 2008, the Board approved YYSSE's recommendation to award Contract A85-75C for the design of Vaughan Corporate Centre Station to the design team led by Arup Canada Inc., in the upset limit amount of \$12,000,000. The fee was intended to cover design services for the Vaughan Corporate Centre Station including preliminary design, detailed design, design support during construction, and preparation of record drawings.

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At the Board meeting of December 16, 2009, the Board approved the conceptual design of the Vaughan Corporate Centre Station. Public presentation of the station concept took place on March 10, 2010, generally with positive feedback.

At the July 14, 2010 meeting, the Board approved a contract amendment in the amount of \$11,556,000 which included approximately \$1.9 M that would be reimbursed by York Region and the City of Vaughan for the design of the Highway 7 BRT connection and widening of Millway Avenue.

Following that, a contract amendment in the total amount of \$1,040,979 was processed in July 2012 raising the total upset limit to \$24,596,979. This contract amendment is totally recoverable from SmartCentres.

On April 29, 2013, the Executive Task Force authorized TYSSE to increase upset limit by \$5,126,681.42 for the remaining work on the project.

Contract A85-75C details are as follows:

Original Contract Upset Limit Amount (including GST)	\$12,000,000.00
Previous Amendments*	\$12,596,979.00
This Contract Amendment*	<u>\$ 5,126,681.42</u>
Total Revised Upset Limit Amount	\$29,723,660.42

(*Note: HST is included for work done after July 1, 2010)

To date there is no expenditure beyond the previously authorized amount of \$24,596,979.

DISCUSSION

Subsequent to the previous authorized amendments, 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 designers in large part due to the higher number of submittals and requests for information (RFI), which total over 680 submittals and 320 RFIs to date. This contract is currently at 40% construction milestone. It is estimated that the remaining number of submittals will be approximately 850 and 500 RFIs, with approximately 100 substitution requests beyond the initial expectations.

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The following lists the items requiring additional funds, including HST:

1. Address and finalize Site Plan Approval post tender comments and design changes as directed by the City of Vaughan.	\$ 226,000.00
2. Co-ordination of station design with follow-on supply and installation contracts for equipment procured by the TYSSE Project and address stakeholders' requirements.	\$ 113,000.00
3. Review of RFIs, submittals and additional effort for as-built drawings needed to address design revisions and contract changes.	\$4,787,681.42
Total	<u>\$5,126,681.42</u>

The total authorization being requested as an upset limit, including design support during construction, is \$29,723,660.42. This amount is needed to address extra effort and support required due to the project's complexity and critical interfaces between several sites and contractors.

Staff have reviewed the additional engineering fees and they were considered to be reasonable. 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 fees associated with the increase project work to avoid delaying completion of the work and late delivery of the Project.
