

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: February 24, 2014

SUBJECT: PROCUREMENT AUTHORIZATION AMENDMENT
PROGRAM OF REQUIREMENTS AND CONCEPTUAL DESIGN
LOW FLOOR LIGHT RAIL VEHICLE MAINTENANCE AND
STORAGE FACILITIES
CONTRACT TC85-6

ACTION ITEM

RECOMMENDATION

It is recommended that the Board authorize a Contract Amendment to AECOM Canada Ltd. (AECOM), in the amount of \$9,000,000 to complete the design and construction support for the Leslie Barns project.

FUNDING

Sufficient funds are included in the TTC 2014-2023 Capital Budget under Program 3.9 Buildings and Structures – Leslie Barns project (previously Ashbridges Bay Streetcar Maintenance and Storage Facility (MSF) project) as noted on pages 561-562 in the TTC's 2014 – 2023 Capital Budget as approved by the Board on November 20, 2013 and City of Toronto Council on January 29/30, 2014.

The Contract work will be managed on a Work Assignment Release basis and payment will be on actual time and material basis.

BACKGROUND

At its meeting of October 23, 2008, the Board approved the award of Contract TC85-6 to AECOM to complete the Program of Requirements and Conceptual Design for the replacement streetcar MSF (Leslie Barns) and the four MSFs required for the Transit Expansion program. The Contract included the provision that the TTC may, at its discretion, amend the Contract to include Environmental Assessment, Preliminary and Detailed Design services, as well as support services during construction for the required facilities.

In accordance with the optional provisions of Contract TC85-6, the Contract was subsequently amended to include Environmental Assessment and Preliminary Design. In September 2010 and May 2012, the Board approved amendments to include Detailed Design and Construction Support services for both the Leslie Barns and the Sheppard East MSF (one of the four MSFs required by Metrolinx for the Transit Expansion Program.) After the Transit Expansion department was dissolved in 2012, the Contract was amended to remove all of the scope of work for which Metrolinx was to be responsible as identified above, including the

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de-authorization of the associated unspent funds. That scope of work and associated unspent funds were transferred to Metrolinx. This transfer did not affect the scope of work or the funds available for the Leslie Barns project.

AECOM's scope of work for the Leslie Barns project includes design and construction support services for site preparation, the maintenance and storage facility, and the Leslie Street connection track between the facility and the existing streetcar network on Queen Street.

Contract TC85-6 details are as follows:

Original Contract Upset Limit Amount (including taxes):	\$ 3,100,000.00
Previous Amendments with Overall Scope (including taxes):	\$32,895,443.89
Subtotal	<u>\$35,995,443.89</u>
This Contract Amendment (including HST):	\$ 9,000,000.00
Total Revised Upset Limit Amount:	<u>\$44,995,443.89</u>

This amendment will bring the total design fee for the Leslie Barns project to approximately \$38.4 M out of the full \$45 M covered under this contract. The other \$6.6M was previously expended for the Metrolinx scope of work completed under this Contract.

DISCUSSION

Additional fees for the Consultant, AECOM, are required due to the following:

1. The Leslie Barns MSF project requires additional work including more noise and vibration tests and an extensive Site Plan Approval process requiring the issuance of a separate set of Contract drawings. \$0.5 M
2. In order to mitigate impacts to the project schedule, the Consultant was requested to prepare concurrently several Contract documents to cover the various design and tender options considered. In addition, the Consultant was requested to provide full time site presence during construction to resolve in a timely manner technical issues as they arise. \$5.7 M
3. The full impact of the complexity of the Leslie Street connection track Contract was not fully realized until the finalization of the tender and award process. This necessitates increased efforts on behalf of the Consultant for support during construction which are much greater than originally anticipated. \$2.8 M

Total \$9.0 M

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This amendment can be accommodated within the existing project budget for this project. Additional money is required under this contract, but no additional funds are required for the overall project to complete this work.

Staff have reviewed the fees and determined that they fall within the Professional Engineers Ontario (PEO) fee guidelines, as well as TTC guidelines.

JUSTIFICATION

This Contract Amendment is required to enable AECOM to complete design and construction support activities for the Leslie Barns project.

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