

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: October 23, 2008

SUBJECT: PURCHASE AUTHORIZATION AMENDMENT NO. 2 –
TRANSIT CITY LIGHT RAIL TRANSIT
CONSULTING SERVICES – FINCH WEST LRT
CONTRACT TC85-1A

ACTION ITEM

RECOMMENDATION

It is recommended that the Commission authorize the issuance of an amendment to Delcan Corporation for contract TC85-1A, Transit City Light Rail Consulting Services – Finch West LRT, in the amount of \$2,300,000, for preliminary engineering services, bringing the total authorization of Contract TC85-1A to \$2,755,000.

FUNDING

These expenditures are included below the line in Transit City, under Finch West LRT, as set out in pages 1503 to 1505 of the 2009-2013 TTC Capital Program as approved by the Commission on August 27, 2008, however no funding commitments have been identified to proceed with the project.

On August 27, 2008 the Commission approved \$2,506K in probable 2008 expenditures for this project. The most recent forecast of expenditures is \$1,500K including \$250K for the design to proceed which will be incurred prior to the anticipated City Council approval in December 2008. A further \$400K will be spent in the first quarter of 2009 prior to the anticipated Provincial Budget approval.

Expenditures of \$650K will have to be addressed by the City if no funding approvals are received.

The Commission considered (Report 11 – April 23, 2008) the Transit City Light Plan Status Update and approved funding of \$16.3 million which included \$2.45 million in 2008 for this project. This report was forwarded to the City Budget Committee but was referred for consideration through the budget process for Council approval in December 2008. A status update for TCP is the subject of a separate report to the Commission for October 23, 2008.

BACKGROUND

At its meeting on January 23, 2008 the Commission approved the issuance of Contract TC85-1, Transit City Light Rail Transit Consulting Services, in four parts as follows:

- i) Contract TC85-1A in the amount of \$425,000 to Delcan Corporation for the environmental assessment of the Finch West LRT line;
- ii) Contract TC85-1B in the amount of \$425,000 to IBI Group (in joint venture with ARUP Canada Incorporated) for the feasibility study and environmental assessment of the Scarborough/Malvern LRT line;
- iii) Contract TC85-1C in the amount of \$1,350,000 to Transit City Group (a joint venture of Giffels Associates Limited and UMA/AECOM) for the environmental assessment of the Eglinton Crosstown LRT line; and
- iv) Contract TC85-1D in the amount of \$550,000 to Hatch Mott MacDonald Limited for the feasibility study and environmental assessment of the Jane Street LRT line.

The amount of the awards in the TC85-1 Contracts were to cover the outstanding feasibility studies (Phase 1 work) and environmental assessments (Phase 2a work) to bring all Transit City lines to the end of the environmental assessment phase.

All of the TC85-1 Contracts include a provision that allows the Commission, at its discretion and subject to satisfactory performance on the part of the Consultant, to amend the Contract to include subsequent design and engineering services (Phase 2b – Preliminary Engineering, Phase 3 – Detailed Design and Tender Development, and Phase 4 – Construction Support).

The Finch West LRT is one of three priority projects in the Transit City Light Rail Program (Sheppard East LRT and the Eglinton-Crosstown LRT are the others). Construction on the Finch LRT is scheduled to commence in 2010 and revenue service is scheduled for early 2014.

Contract Details are as follows for TC85-1A:

Original Contract Amount	\$ 425,000
Previously Approved Amendments	30,000
Amount of this Amendment	2,300,000
Revised Contract Amount	\$ 2,755,000

Work on this amendment is 0% complete.

DISCUSSION

Planning studies for the Finch West LRT in preparation for an Environmental Assessment are in progress. At the first round of public consultations, between July 29 and August 7, 2008, the concept of the project was displayed, showing proposed stops and options for terminals and connections to subway stations. The comments received are being evaluated and the alignment is being optimized in preparation for a second round of public consultations, expected to occur later in 2008.

The provisions of the Environmental Assessment Act governing Transit Projects allow the proponent to undertake design activities while studies for the Environmental Assessment are in progress. The provisions of Contract TC85-1A also allow TTC to amend the contract to cover design activities.

TTC and the Consultant have now acquired a considerable degree of knowledge of the issues and complexities of the Finch West LRT project. Given the very ambitious schedule laid out for the Finch West LRT, staff recommend exercising the right of proceeding with preliminary design activities where possible.

This Contract Amendment covers four feasible areas where preliminary design could proceed with low risk:

1. Contract Strategies and Staging Plans - Construction of the Finch West LRT will require intensive coordination with City of Toronto Transportation Services and consideration of many factors including, but not limited to, contractor/resource limitations, property constraints, and other public impacts. The Finch West LRT project will also be evaluated for suitability of alternative project delivery models.
2. Utility/Services Mapping and Relocations - Construction of the right-of-way, road widening, and other project facilities will require the detailed mapping of utilities and services within the road allowance. Relocations will have to be designed to resolve conflicts and/or maintain clearances.
3. Bridges/Structures - The proposed alignment for the Finch West LRT crosses four City bridges and intersects three third party bridges. All bridges need to be reviewed to determine the structural integrity and whether there is a need to widen, reinforce, rehabilitate, or rebuild the structure.
4. Selected segments of the Right-of-Way - Preliminary engineering of low risk segments of the project as determined by Task 1.

Delcan Corporation has submitted a work plan to address the four areas of preliminary design. The work plan and estimated fees have been evaluated by staff and are considered fair and reasonable.

JUSTIFICATION

Early commencement of preliminary design activities on the Finch West LRT in selected areas is necessary to achieve the ambitious implementation schedule for the project. The work plan submitted by Delcan Corporation for selected preliminary engineering activities is acceptable.

October 1, 2008
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