

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: April 3, 2009

SUBJECT: PROCUREMENT AUTHORIZATION
TRANSIT CITY LIGHT RAIL PROGRAM –
SHEPPARD EAST LRT
CONSULTANT SERVICES

ACTION ITEM

RECOMMENDATION

It is recommended that the Commission authorize an amendment to URS Canada Inc., in the upset limit amount of \$4,409,832.00 so the design work can continue to progress until further Provincial funding is secured for Transit City Sheppard East LRT, Contract C02PC07884.

FUNDING

Funds in the amount of \$7.1 million have been provided by the Province of Ontario and a further \$22.8 million for Transit City Projects was approved by City Council on December 10, 2008 as part of the TTC 2009 – 2013 Capital Program to allow the Transit City EA's and related activities to progress as planned.

This will allow projects to proceed without interruption at a cost of \$29.9 million through April 2009, at which time it is expected that Provincial funding approval will be available.

No further work will be initiated on the Sheppard East LRT design unless the budgeted funds have been approved. Payment will be on actual time basis and the Contract work will be managed on a Work Assignment Release basis.

BACKGROUND

The Transit City Light Rail Plan consists of seven new light rail transit (LRT) lines, the Scarborough Rapid Transit and four maintenance and storage yards, that would, upon implementation, provide a network of rapid transit throughout Toronto. The Commission endorsed the Transit City plan at its meeting of March 21, 2007 and has since received several updates.

The Transit City Department has been created to manage and deliver the Transit City projects valued at over \$10 billion with a very aggressive schedule that aims at completing all the lines and the Scarborough Rapid Transit (SRT) in 10 years.

It was determined that, of the seven LRT lines in the Transit City Plan, the Sheppard Avenue East LRT is the best candidate to allow the TTC/City of Toronto to be in a position to start construction in 2009 because many of the issues related to future ridership, land use, physical constraints, etc., have already been identified in the previous EA that was conducted by URS in the Sheppard East corridor for the eastern portion of the Sheppard Subway.

This report addresses the design of the Sheppard East LRT.

DISCUSSION

In order to meet the 2009 start of construction target for an LRT line, staff began immediately on the EA for the Sheppard East LRT line. Based on the comprehensive knowledge of this corridor that URS gained from conducting the EA for the Sheppard Subway (that portion from Victoria Park to Scarborough City Centre), it was expected that URS would be able to complete this work in less time and at a lower cost as compared to other consultants, because they already have a good understanding of the existing conditions and issues with work inside this corridor. On September 17, 2007 sole source approval was obtained from the CGM to issue a Contract to URS to complete the EA study.

On March 9, 2009 sole source approval was obtained from the CGM to issue a Contract Amendment to URS valued at \$300,000.00 to include detailed design work for the road and rail diversion and grade separation at the Agincourt GO level crossing, a media package and at the sole discretion of the Commission, to allow for the detailed design of the remaining Sheppard Avenue East LRT line.

In addition and also to expedite the design and initial construction, the City of Toronto Technical Services Division was authorized to proceed with the civil portion of the design for a 2.2km section. This portion of the civil work is not included in the work to be assigned to URS.

To meet the aggressive design and construction schedule for the Sheppard East LRT a contract amendment for continued work by URS is required as follows:

Original Authorized Amount	\$ 400,000
Previously Authorized Amendments	\$ 486,405
Increase this Amendment	\$ <u>4,409,832</u>
Revised Total Authorized Amount	\$ 5,296,237

This amendment will include completion of the design and engineering support during construction for the 6.7 km section between Birchmount Road and Neilson Road including the grade separation at the Agincourt GO level crossing. This amendment also provides

preliminary geotechnical information, utilities investigation and streetscape design for the 2.2km portion being designed by the City of Toronto Technical Services Division.

URS has been asked to submit a proposal for the remaining sections of the line including systems engineering but excluding the Don Mills station connection. Approval of this additional work will be sought at a future commission meeting.

JUSTIFICATION

Continuation of the design of the Sheppard East LRT is necessary to achieve the 2009 and 2010 construction schedule.

March 18, 2009

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