

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: December 19, 2012

SUBJECT: NOTICE OF AWARD
PROCUREMENT AUTHORIZATION AMENDMENT
TORONTO-YORK SPADINA SUBWAY EXTENSION
FINCH WEST STATION
CONTRACT A27-1
CONTRACT CHANGE NO. 57

INFORMATION ITEM

RECOMMENDATION

It is recommended that the Commission receive the notice of award of Chair Stintz, Vice-Chair Adamson and the Chief Executive Officer:

1. Authorizing Contract Change No. 57 to Bondfield Construction Company Limited, in an amount up to \$2,958,587.03.
2. Authorizing staff to finalize and execute an agreement for reimbursement to the TTC of the full costs associated with Contract Change No. 57 with Metrolinx, on terms acceptable to the TTC General Counsel.

FUNDING

Sufficient funds for this contract 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.

However, the funds for this Contract Change No. 57 will be provided to the TTC by a third party (Metrolinx) under the provisions of a cost reimbursement agreement which requires that all costs associated with Contract Change No. 57, including design fees, project/construction management fees and any other related costs be reimbursed to the TTC to result in a net zero impact to the TYSSE budget.

BACKGROUND

At its meeting of October 24, 2012, the Commission approved the revisions and updates to the Authorization for Expenditures and Other Commitments Policy, effective November 1, 2012, which states that *'The Commission delegates authority to the Chair, Vice-Chair and the Chief Executive Officer to authorize items that would normally be authorized by the Commission when the approval is required before the next Commission meeting. If the Chair and/or Vice-Chair are not available, authority would be deemed to be delegated to any two (2) Commissioners and the Chief Executive Officer.'* These authorizations are to be followed up by a notice of award Commission report that is to be submitted to the next scheduled Commission meeting for information.

The TTC is implementing the design and construction of an underground subway line from the existing Downsview Station on the Spadina Line located in the City of Toronto, to the proposed Vaughan Metropolitan Centre located in the City of Vaughan, Region of York.

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 Commission meeting of May 11, 2011, Contract A27-1 for the construction of the Finch West Station was authorized to be awarded to Bondfield Construction Company Limited, in the upset limit amount of \$125,630,118.00.

Since that date, a design scope change was identified and designed to provide a portion of an underground pedestrian tunnel connection to a future Finch West LRT station, to be owned by Metrolinx. This portion of a pedestrian tunnel connection between Finch West Subway station and Finch West LRT station is to be constructed within the limits of land that has been acquired as part of the YYSSE project. Attachment 1 indicates the portion of the pedestrian tunnel connection that will be constructed under this Contract Change No. 57 as well as the proposed location of a future pedestrian tunnel that may be constructed as part of the future Finch West LRT station. The resulting construction change includes:

1. Revision of the previously proposed subway station structure to accommodate the new pedestrian tunnel connection.
2. Re-configuration of the previously proposed knock out panel in the subway station structure to provide access to the pedestrian tunnel connection.
3. Addition of the pedestrian tunnel structure attached to the south east corner of the station travelling east.
4. All attendant work to accommodate the above, including site services, and utilities.

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TTC has received a preliminary price for this change based on final drawings. TTC estimators have reviewed the detailed estimate and the costs appear to be reasonable. The issuance of Contract Change No. 57 will be conditional on Metrolinx also approving the final cost estimate and entering into an agreement for reimbursement of all of the costs associated with the Contract Change.

Contract details are summarized as follows:

Original Contract Amount	\$125,630,118.00
Approved Contract Changes to Date	\$2,051,396.11
Increase for Contract Change No. 57	\$2,958,587.03 (up to this amount)

Work on Contract Change No. 57 has not been initiated. However, the design has been completed under a previous agreement for reimbursement of design fees. Once an agreement has been reached with Metrolinx for the reimbursement of costs associated with the design, project and construction management, the Change Order will be issued.

In addition, as the pedestrian tunnel connection is to be located on lands acquired by the City of Toronto for the TYSSE project, an agreement for the necessary property rights will be required to be negotiated under the protocols identified in the Master Agreement for Light Rail Transit Projects that has been negotiated between Metrolinx, City of Toronto and TTC.

DISCUSSION

There have been ongoing discussions amongst TTC's Transit Expansion Department on behalf of Metrolinx for the past three years regarding the potential to locate a LRT station at the intersection of Finch Avenue West and Keele Street, with provision for the proposed LRT station to connect to the TYSSE's Finch West Station. Finch West Station is identified as an interchange station in the Master Agreement for Light Rail Projects. As a result, the pedestrian tunnel connection is consistent with the principles of the agreement.

One of the important requirements for the proposed LRT station is a direct underground pedestrian connection to the concourse level of the Finch West Station. This feature was identified in the Environmental Assessment undertaken for the Finch West LRT project. Provision for this feature was also included in the TYSSE Finch West Station design and subsequent contract, through provision of a knock out panel in the subway station box.

There is an opportunity for a portion of the pedestrian tunnel connection to be constructed as part of the Finch West Station contract, in order to mitigate future tunnel construction

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challenges beneath the TYSSE HVAC Vent Structure. The current Change Order contemplates building that portion of the pedestrian tunnel connection under the HVAC Vent Structure to the limit of the property acquired for the TYSSE project.

An agreement with Metrolinx is required for reimbursement of all of the costs associated with the changes to the station design to construct the portion of the pedestrian tunnel under the HVAC Vent Structures as shown in Attachment 1. The proposed Contract Change No. 57 only addresses the construction costs of the proposed changes.

JUSTIFICATION

Approval is required to allow the contractor to proceed with the necessary changes to its current construction program to accommodate this design change. The contractor is currently completing excavation in this area to complete the station box structure to which the pedestrian tunnel will connect and will be proceeding with implementing any changes required in its contract to implement construction of this change immediately upon approval of this Change.

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70-12-58
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Attachment 1: Illustration of Proposed Underground Pedestrian Tunnel Connection for
Finch LRT

PROPOSED UNDERGROUND PEDESTRIAN TUNNEL CONNECTION FOR FINCH LRT

