

# TORONTO TRANSIT COMMISSION REPORT NO.

**MEETING DATE:** NOVEMBER 23, 2011

**SUBJECT:** PURCHASE AUTHORIZATION AMENDMENT  
ASHBRIDGES BAY MAINTENANCE AND STORAGE FACILITY  
PURCHASE ORDER AMENDMENT TO HYDRO ONE  
NETWORKS INC. FOR RELOCATION OF CABLE

## **ACTION ITEM**

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### **RECOMMENDATION**

It is recommended that the Commission:

- i. Authorize the issuance of a Purchase Order Amendment in an upset limit amount of \$15,000,000 to Hydro One Networks Inc. (HONI) for the relocation of a high voltage transmission cable to accommodate the construction of the Ashbridges Bay Maintenance and Storage Facility (MSF) and the Leslie Street connection track; and
- ii. Receive the general project update on the Ashbridges Bay MSF project contained herein.

### **FUNDING**

Funding for the project is included under Project 3.9 LRT Replacement Maintenance & Storage Facility, as outlined on pages 765-768 in the TTC 2011-2015 Capital Program which was approved by the City of Toronto Council on February 23, 2011. This project was further confirmed in the amended TTC 2012-2016 Capital Program approved by the Commission on September 16, 2011, however this budget is still under review with the City and has a 10-year funding shortfall of \$807 million that is being pursued with the provincial and federal governments.

### **BACKGROUND**

The recommendations of the Transit Project Assessment Study for the Ashbridges Bay MSF were approved by the Commission at its meeting on June 2, 2010 and by City Council at its meeting on June 8 and 9, 2010. The Minister of the Environment issued the Notice to Proceed with the undertaking on December 6, 2010.

## **Project Update**

The general status of the Ashbridges Bay MSF project is as follows:

At its meeting on February 2, 2011, the Commission approved the award of Contract WM60-1, Soil Removal and Capping; a site preparation contract which involves the removal of the mound of approximately 385,000 cubic metres of earth that was on the site, installing capping material, and stabilizing the soil using rammed aggregate piers. As of October 31, 2011, the removal of soil is approximately 90% complete and the installation of rammed aggregate piers is approximately 75% complete. Work is progressing towards a scheduled completion of the contract in March 2012.

The main contract for the construction of the MSF and yard, Contract WM1-1, was tendered on September 14, 2011 currently scheduled to close on December 7, 2011.

The Leslie Street connection track from the MSF to the existing streetcar network at Queen Street, and the associated utility relocations is approaching the 60% design milestone. Staff are working with City of Toronto Departments and private utilities to design solutions that will mitigate the cost and duration of construction and reduce the disruption to the community. The schedule and budget of this aspect of the project are at risk from requests for additional scope to be included such as the burying of all overhead services, and realignment of intersections and private entrances.

To date there have been 69 meetings with the public, local Councillors, Community Liaison Groups and other stakeholders such as local business and interest groups (such as "The Friends of the Spit"). Staff, including a dedicated Community Liaison Officer, continue to meet with Councillors, the public, and stakeholders on a regular basis. Community Groups have been established for the Streetscape and for Construction/Traffic Management design, as well as a Construction Liaison Group meet during construction activities of the Soil Removal and Capping Contract and will be established for construction of the MSF and Leslie Street.

With respect to design excellence the TTC sponsored a competition for the design of the perimeter landscape, around the site, to ensure that it will complement and enhance the character of the neighbourhood and the nearby Leslie Street Spit. The design of the facility which meets or exceeds Toronto Green Standards and the landscape plan were presented to the City of Toronto's Design Review panel and were favourably received. The Leslie Street connection track will be built with a noise and vibration mitigating trackbed. The streetscape enhancements will extend along Leslie Street from Lake Shore Boulevard, north to the first house north of

Queen Street, and along Queen Street from Jones Avenue to Hastings Avenue. The project also includes a public art program consistent with the policy, in which the artist and artwork will be selected through a two-stage open competition.

## **DISCUSSION**

A major HONI transmission cable (115kV) is buried around the western and northern perimeter of the Ashbridges Bay site, as shown by the solid line in Figure 1. The cable crosses the Ashbridges Bay site diagonally at the northwest corner, where it will be in conflict with the storage and circulation tracks of the MSF yard. On Lake Shore Boulevard the existing alignment of the cable will put it in conflict with the footings of the retaining wall around the MSF. As a result, the cable must be rerouted from a connection chamber at the intersection of Leslie Street and Commissioners Street, to another connection chamber at the northeast corner of the Ashbridges Bay property, as shown by the dashed line in Figure 1.

Staff worked closely with HONI and City of Toronto Departments to develop a new alignment for the cable that accommodates the technical requirements of the Ashbridges Bay MSF, required utility relocations on Leslie Street, and HONI. The new alignment for the cable is also compatible with the winning design concept for the perimeter landscape of the Ashbridges Bay MSF.

The tender for the relocation of the cable was issued by HONI on September 9, 2011 and closed on October 13, 2011. Three bids were received, which are now being evaluated by HONI technical and procurement staff.

The award of the Contract by HONI is expected to be made in November 2011, contingent upon a commitment of funding from the TTC by the approval of this report. The HONI procurement process does not allow the price of the lowest compliant bid to be announced prior to award. Accordingly, approval is being sought for a purchase order amendment to HONI in an amount up to \$15,000,000, which is based on the bids received, as advised by HONI staff. The actual amount of the purchase order amendment will be based on the award value of the HONI contract plus applicable mark ups.

**PURCHASE AUTHORIZATION AMENDMENT  
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The status of the Purchase Order to HONI is as follows:

Original Authorization (for design)	\$ 300,000
Previous Amendments (for continued design)	<u>\$ 150,000</u>
Subtotal – Current Purchase Order Amount	\$ 450,000
Maximum Amount of this Amendment (for construction of the relocated cable)	<u>\$ 15,000,000</u>
Maximum Revised Purchase Order Total	\$ 15,450,000

It is necessary to proceed with the award at this time as relocation of the HONI cable is a necessary prerequisite for other utility relocations associated with the construction of the Leslie Street connection track and the construction of the MSF. The HONI work is very schedule sensitive as the cable required for the job is highly specialized and is available from only a few suppliers on long lead times. In addition, the cable to be relocated is crucial to the HONI network and the transfer of service to the new cable may only occur at specific outage periods during low usage periods, either in the spring or fall.

As previously noted, utility relocations are required on Leslie Street. Due to sequencing requirements, the HONI cable must be relocated before other utilities. Once relocated, however, the HONI cable will cross over the location of yet to be relocated storm sewer. The storm sewer is expected to be relocated in 2013 and this work will be complicated when having to work under the HONI cable. Staff are reviewing options to mitigate this risk, which include requesting HONI to issue a change order to their contractor to pre-construct the segments of the storm sewer culvert under the cable ductbank. Should this prove to be the preferred approach, approval for an amendment to the HONI purchase order will be obtained in accordance with the Commission policy for Authorization for Expenditures and Other Commitments.

**JUSTIFICATION**

Approval of a Purchase Order Amendment to Hydro One Networks Inc. in an amount of up to \$15,000,000 is recommended so that HONI can proceed with the award of their contract for the relocation of the transmission cable that is in conflict with elements of the Ashbridges Bay MSF. The actual value of the Purchase Order Amendment will be based on the award value of the HONI contract plus applicable mark ups.

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November 7, 2011

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Attachments: Figure 1

