



Procurement Authorization for Bloor-Yonge Capacity Improvements – Early Works – Utility Works

Date: July 12, 2023
To: TTC Board
From: Chief Capital Officer

Summary

The purpose of this report is to obtain authorization for the award of Contract S40-14, Bloor-Yonge Capacity Improvements – Early Works – Utility Works to Clearway Construction Inc., in the amount of \$9,914,055.00, inclusive of all taxes, on the basis of the lowest total bid price.

The scope of the contract includes the construction of a 600mm concrete combined sewer, and the installation of new Toronto Hydro Electrical System Limited (THESL) infrastructure, including duct banks, cable chambers, and conduits

Recommendations

It is recommended that the TTC Board:

1. Authorize the award of Contract S40-14, Bloor-Yonge Capacity Improvements – Early Works – Utility Works to Clearway Construction Inc., in the amount of \$9,914,055.00, inclusive of all taxes, on the basis of lowest total bid price.

Financial Summary

Funds for this expenditure are included in the TTC's 2023-2032 Capital Budget and Plan, as approved by the TTC Board on January 9, 2023, and City Council on February 15, 2023, under Program 3.9 Buildings and Structures – Bloor-Yonge Capacity Improvements Project.

The total project budget for the Bloor-Yonge Capacity Improvements Project (BYCI) is \$1.514 billion, comprising of costs to the end of 2022 of \$60.075 million and cash flow funding of \$1.380 billion in the 2023-2032 Capital Budget and Plan and \$73.9 million post-2032. Of the approved funding in the 2023-2032 Capital Budget and Plan, approximately \$97 million has been committed to date.

Table 1 – 2023-2032 Capital Budget and Plan – Bloor-Yonge Capacity Improvements

Project Name	LTD Actuals to 2022	2023 Budget	2024	2025	2026	2027	2028-2032	10-Year Total	Post 2032	Total Project Cost	Estimated Final Cost
Bloor Yonge Capacity Improvement	60,075.3	19,351.3	33,928.0	97,905.0	125,353.0	151,596.0	951,900.0	1,380,033.3	73,891.0	1,440,108.6	1,513,999.6

(In thousands)

Based on the expected project schedule, the contract expenditure will be incurred over 2023 and 2024. Contract S40-14 will require the following cash flow funding:

Table 2 – Construction Contract Expenditures Forecast

	2023 Forecast	2024 Forecast	Total Contract Amount
Construction Expenditure	2,355	6,419	8,774
Non-Rebatable HST 1.76%	41	113	154
Total Construction Expenses	2,396	6,532	8,928
Rebatable HST	265	721	986
Total Authority, including HST	2,661	7,253	9,914

(In thousands)

The Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Equity/Accessibility Matters

The TTC is dedicated to promoting and supporting diversity, accessibility, and inclusion in all of its corporate policies, programs, and services. A cornerstone of the TTC's current Corporate Plan is accessibility and as a proud leader in providing accessible public transit in the city of Toronto, we are committed to ensuring reliable, safe, and inclusive transit services for all our customers.

The BYCI Project is being designed to be accessible in accordance with the Accessibility for Ontarians with Disabilities Act, as amended 2005 (AODA), the Integrated Accessibility Standards Regulation, O. Reg. 191/11 (IASR), and the Ontario Building Code. The design includes wayfinding signage, additional escalators, elevators, and barrier-free entrances for more station accessibility.

Decision History

On December 8, 2021, the Board approved the BYCI Project – Stage Gate 3, including project preliminary design baselines and project delivery strategy.

[Bloor-Yonge Station Capacity Improvements Project – Stage Gate 3](#)

On May 18, 2022, the Board approved the award of Contract S85-45, Bloor-Yonge Capacity Improvements Owner’s Engineer Consultant Services, to AECOM Canada Ltd. to support the continued development and implementation of the BYCI Project, including the development of technical documents, contributing to the procurement process, training, and technical review of submittals.

[Bloor-Yonge Station Capacity Improvements Project – Procurement Authorization for Bloor-Yonge Capacity Improvements Owner’s Engineer Consultant Services](#)

Issue Background

Bloor-Yonge Station is a major transfer point in the TTC subway system. Line 1 is expected to experience significant ridership growth reflecting ridership generated from population growth from within and outside the city of Toronto as well as the implementation of transit expansion initiatives, including the northerly extension of Line 1.

Bloor-Yonge Station is a key pre-condition for further network expansion planned by the Province/Metrolinx, and has been identified as a priority project by the City of Toronto, Province of Ontario, and Government of Canada.

It is anticipated that without modifications to Bloor-Yonge Station, overcrowding will increase dwell times, create bottlenecks and reduce the level of service to customers at this critical interchange station as well as across Lines 1 and 2.

The BYCI Project footprint intersects with numerous existing utilities, some of which require relocation to accommodate the new station structure. Contract S40-14, Bloor-Yonge Capacity Improvements – Early Works – Utility Works is one of the Early Works packages for the BYCI Project to relocate those impacted utilities. The scope of the contract includes the construction of a 600-mm concrete combined sewer, and the installation of new THESL infrastructure, including duct banks, cable chambers, and conduits.

This work is within the right-of-way (ROW) on Bloor Street East and construction will be carried out in stages to maintain vehicular traffic, bike lanes, and pedestrian access to residences and businesses in the area. This work including the construction staging was reviewed and finalized with City staff, including consultation with Transportation Services, Toronto Water and Transit Expansion Office. Permits for the staging of the work within the Bloor Street East ROW will be issued upon submittal of the traffic plan following award of the work.

A comprehensive communications, strategy, engagement, and outreach plan has been developed for the Bloor-Yonge Capacity Improvements (BYCI) project's preparatory construction.

The plan is guided by three key pillars: Proactive, clear and accessible. The tactics implemented are to ensure our neighbours are aware of the upcoming construction and the various ways to get in touch.

BYCI Consultation and Outreach Timeline 2020 – 2023

Date	Activity
Q3 2020	The TTC holds introductory meetings with directly adjacent neighbours to demolition/construction at 81 Bloor Street East and 40-42 Hayden Street, including the Chartered Professional Accountants of Ontario (CPAO) and Toronto Standard Condominium Corporation #1739 (TSCC 1739).
Q3 2020	Regular touchpoint meetings are held on the project with the City's Transit Expansion group since 2020 as well as other departments, including Transportation Services, Water, Planning and Real Estate among others to co-ordinate the project.
Q1 2021	A project website (www.ttc.ca/blooryonge) launched in February 2021 and is updated regularly with project and construction news.
Q1 2021	Update meetings with previous local City Councillor Mike Layton, current local City Councillor Dianne Saxe and the Bloor-Yorkville BIA since 2021.
Q3 2021	Consultation with the Advisory Committee on Accessible Transit (ACAT) will continue at key milestones for the BYCI Project.
Q1 2022	Consultation with 38 property owners within the zone of influence is sent by letter from the TTC's Community Relations Department.
Q3 2022	The TTC begins regular consultation with Toronto Reference Library.
Q3 2022	Consultation with the City's Indigenous Affairs Office.

Date	Activity
Q4 2022	On December 9, 2022, the TTC hosts the announcement and event for the joint funding of approximately \$1.5 billion for the expansion and rehabilitation of the TTC's Bloor-Yonge subway station. Funding signs are posted at 81 Bloor Street East and within Bloor-Yonge Station.
Q1 2023	The TTC holds regular monthly touchpoint meetings with directly impacted property owners and the City's Transit Expansion group.
Q2 2023	The TTC canvassed and provided letters from the CEO to adjacent neighbours in April 2023.
Q2 2023	The TTC mailed 52,000 construction notices via Canada Post to the community about the preparatory construction in May 2023.
Q2 2023	The TTC opened a Community Project office at 25 Hayden Street in May 2023. Dedicated TTC Community Relations staff are available by phone and e-mail, and to arrange in-person meetings.
Q2 2023	The TTC consulted Asquith-Colliers Residents' Association.
Q2 2023	Project showcase video was posted in June 2023 on YouTube and has had over 3,700 views.
Q2 2023	Project signs are posted around the construction sites (830 Church Street and 81 Bloor Street East) and at Bloor-Yonge Station.
Q3 2023	The TTC and the City's BIA group to meet with the Church-Wellesley BIA.
Q3 2023	The TTC will be scheduling upcoming meetings with neighbouring BIAs and City Councillors this summer.

Comments

Specifications and drawings were prepared for Contract S40-14 and a Request for Bids was posted on the MERX website, March 30, 2023. Eight companies downloaded the bid documents from MERX, out of which four companies attended the mandatory site tour on April 12, 2023. Two companies submitted a bid by the closing date of May 3, 2023, as summarized in Attachment 1. The bid validity expires on August 31, 2023.

The RFB stated that the bidders must possess a Certificate of Recognition (COR™) as issued by the Infrastructure Health and Safety Association (IHSA), at the time of the bid closing and for the duration of the contract. In addition, the successful bidder will be required to execute a Performance Bond and Labour and Material Payment Bond, each in the amount of 50% of the contract value.

The recommendation for award is based on the lowest compliant total bid price, confirmation that the bidder possesses the required COR™, and reference checks that demonstrate the bidder has satisfactorily performed work of a similar size and nature.

Clearway Construction Inc. submitted the lowest-priced bid and did not state any exceptions or qualifications. Clearway is COR™ certified and reference checks were completed that demonstrated they have satisfactorily performed work of a similar size and nature in the past.

The Agreement to Bond submitted by Clearway covers both a Labour and Material Payment Bond, a Performance Bond and was submitted by Aviva Insurance Company of Canada, which has been verified as a Surety Company licensed to transact business under the Insurance Act of Ontario. As such, Clearway is considered financially capable of performing the work, and their bid is considered commercially acceptable.

Duron Ontario Ltd. (Duron) submitted the higher-priced bid and also did not state any exceptions or qualifications. Duron is COR™ certified with IHSA as specified in the Bid Documents and their bid is considered commercially acceptable.

Contact

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Signature

Gary Downie
Chief Capital Officer

Attachments

Attachment 1 – Summary of Bids, Contract S40-14, Bloor-Yonge Capacity Improvements – Early Works – Utility Works

ATTACHMENT 1

Contract S40-14, Bloor-Yonge Capacity Improvements – Early Works – Utility Works

Summary of Bids:

Bid. No.	Bidder	Total Bid Price
1	Clearway Construction Inc.*	\$9,914,055.00
2	Duron Ontario Ltd.	\$12,995,000.00

*Recommended Company