

Award of Doc4430179988 to Soncin Construction for Rehabilitation of Eastern/Adelaide Bridges (ID264, ID263, ID246, and ID266) for Engineering and Construction Services

Date: May 15, 2024

To: General Government Committee

From: Chief Engineer and Executive Director, Engineering and Construction Services and Chief Procurement Officer

Wards: 13 (Toronto Centre), 14 (Toronto-Danforth)

SUMMARY

This report provides the results of the Request for Tender Doc4430179988, Contract Number 24ECS-BE-09SB, for the rehabilitation of four major bridges, collectively referred to as the Eastern/Adelaide Bridges (ID264, ID263, ID246, and ID266) and requests the authority to award the contract to Soncin Construction, in the amount of \$63,714,674 net of all applicable taxes and charges \$64,836,053 net of Harmonized Sales Tax recoveries), all in accordance with the terms, conditions and specifications contained in the Request for Tender document. The project also includes the addition of a multi-use trail on the Eastern Avenue Bridge. This work is expected to commence in July 2024 and be completed by early 2027.

RECOMMENDATIONS

The Chief Engineer and Executive Director, Engineering and Construction Services, and the Chief Procurement Officer recommend that:

1. General Government Committee, by Section 195-8.4 of the Toronto Municipal Code Chapter 195 Purchasing By-Law, grant authority to award Request for Tender Doc4430179988, Contract Number 24ECS-BE-09SB for Rehabilitation of Eastern/Adelaide Bridges (ID264, ID263, ID246, and ID266) and enter into an agreement with Soncin Construction, being the lowest compliant bid meeting the specifications and requirements of the Request for Tender Doc4430179988, Contract

Number 24ECS-BE-09SB, in the amount of \$63,714,67 net of all applicable taxes and charges (\$64,836,053 net of Harmonized Sales Tax recoveries).

FINANCIAL IMPACT

The total potential contract award identified in this report is \$63,714,674 net of all applicable taxes and charges. The total potential cost to the City is \$64,836,053 net of Harmonized Sales Tax recoveries.

Funding is available in the 2024 Capital Budget and 2025-2033 Capital Plan for Transportation Services. Additional funding details are provided in Table 1 to follow:

Table 1: Financial Impact Summary of Recommended Contract Award:

WBS Element	Description	Year	Total (Net of HST Recoveries)
CTP519-01-165	City Bridge Rehabilitation Critical	2024	\$ 14,255,783
CTP817-01-363	Work for TTC & Others	2024	\$ 8,455
CTP817-05-373	Cycling Infrastructure	2024	\$ 170,411
CTP519-01-165	City Bridge Rehabilitation Critical	2025	\$ 18,672,064
CTP817-05-373	Cycling Infrastructure	2025	\$ 213,013
CTP519-01-165	City Bridge Rehabilitation Critical	2026	\$ 16,434,722
CTP817-01-363	Work for TTC & Others	2026	\$ 5,303
CTP817-05-373	Cycling Infrastructure	2026	\$ 42,603
CTP519-01-165	City Bridge Rehabilitation Critical	2027	\$ 10,711,297
CTP519-01-165	City Bridge Rehabilitation Critical	2028	\$ 4,322,402
Total			\$ 64,836,053

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

DECISION HISTORY

On August 11, 2021, by authority of the Bid Award Panel, the City retained Doug Dixon & Associates Inc., being the highest overall scoring Supplier meeting the requirements of Request For Proposal Doc2958050795; Contract Number RFP -21ECS-TI-21BE to provide contracted professional engineering services for the Detailed Condition Survey and Fatigue Inspection for the Elevated Portion of Eastern-Adelaide Bridges in the amount of \$1,209,000 net of all applicable taxes and charges. The Bid Award Panel decision can be found at:

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2021.BA148.4>

On February 15, 2023, by authority of the Bid Award Panel, the City retained Morrison Hershfield Limited, being the highest overall scoring proponent meeting the requirements of RFP Doc3740004804, Contract Number RFP -22ECS-BE-19BSE to provide contracted professional engineering services for the Rehabilitation of Eastern/Adelaide Bridges in the amount of \$8,194,058 net of all applicable taxes and charges. The Bid Award Panel decision can be found at:

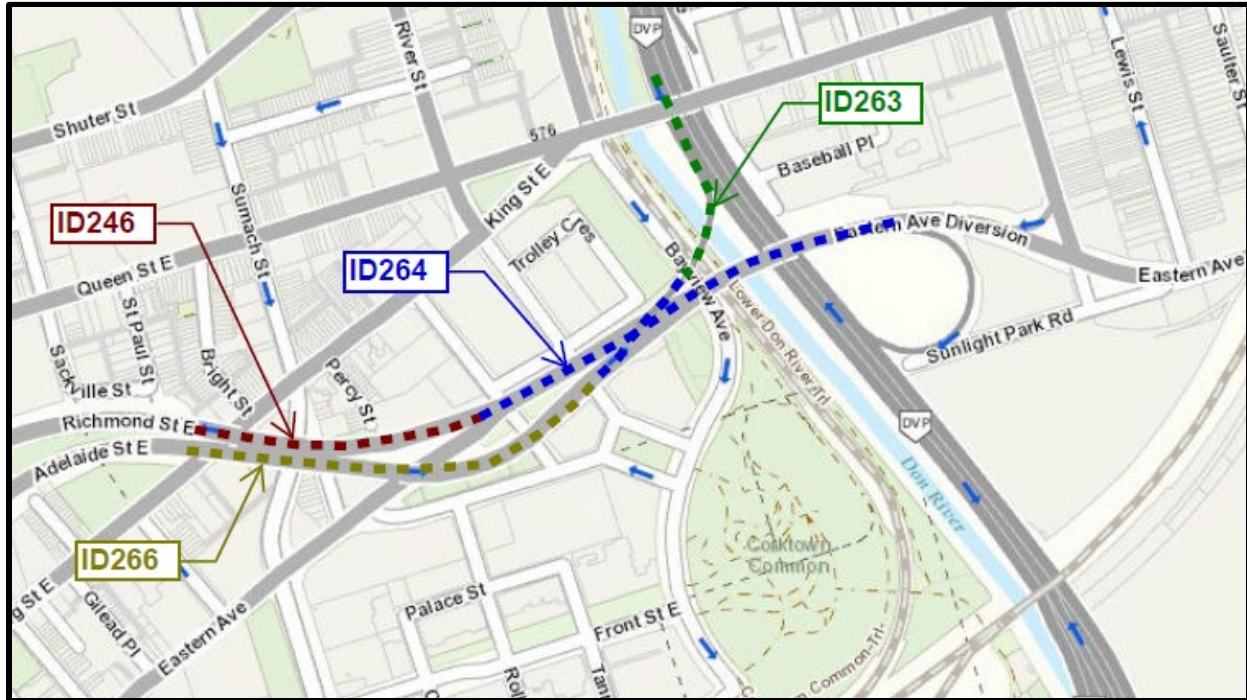
<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2023.BA14.1>

COMMENTS

Background

The Request for Tender Doc4430179988, Contract Number 24ECS-BE-09SB, for the Rehabilitation of Eastern/Adelaide Bridges, includes rehabilitation of four (4) bridges: the Eastern Avenue Bridge (ID264), the Don Valley Parkway Ramp over Don River (ID263), the Richmond Street East over King Street East Bridge (ID246), and the Adelaide Street East over King Street East Bridge (ID266). The location of the bridges are shown in Figure 1.

Figure 1. Eastern/Adelaide Bridges Location Map



The bridges were constructed in 1962 and were last rehabilitated in 1991.

A detailed condition survey, fatigue inspection, and structural evaluation were conducted in 2022 under Contract Number RFP-21ECS-TI-21BE, which identified the need for rehabilitation of the bridges.

To coordinate with the Gardiner Section 5 Rehabilitation (Gardiner East – Cherry Street to the Don Valley Parkway), the identified rehabilitation work has been split into two phases to be delivered through two distinct contracts.

The scope of work for Request for Tender Doc4430179988, Contract Number 24ECS-BE-09SB will address the most urgent rehabilitation needs and includes:

- Deck top and underside rehabilitation of Eastern Avenue Bridge (ID264).
- Deck top and underside rehabilitation of DVP Ramp over Don River (ID263).
- Underside rehabilitation of Richmond Street East over King Street East (ID246).
- Underside rehabilitation of Adelaide Street East over King Street East (ID266).

Deck top rehabilitation includes replacement of existing asphalt pavement and waterproofing, deck top concrete repairs, expansion joint replacement, and reconstruction of deck overhangs and parapet (barrier) walls. Underside rehabilitation includes steel girder end strengthening and recoating, repair of fatigue-prone steel components, replacement of deficient bearings, and concrete patch repairs of substructure and deck soffit elements.

The scope of work on the Eastern Avenue Bridge (ID264) also includes the construction of a multi-use trail on the bridge.

A subsequent contract scheduled to commence between 2030 to 2032, will address the remaining identified rehabilitation needs, including:

- Deck top rehabilitation of Richmond Street East over King Street East (ID246).
- Deck top rehabilitation of Adelaide Street East over King Street East (ID266).
- Construction of a multi-use trail on the Adelaide Street Bridge (ID266) connecting to the multi-use trail on the Eastern Avenue Bridge (ID264).
- Construction of two ground-level multi-use trails: one from Power Street to Sackville Street on the north side of Richmond Street East, and one from Power Street to King Street East on the south side of Adelaide Street East, with a connection to the bridge level multi-use trail on the Adelaide Street Bridge (ID266).

Procurement Process

Request for Tender Doc4430179988, Contract Number 24ECS-BE-09SB was issued to select the lowest cost qualified Supplier meeting the specifications and requirements of the solicitation for the Rehabilitation of Eastern/Adelaide Bridges for the Engineering and Construction Services Division.

The Request for Tender Doc4430179988, Contract Number 24ECS-BE-09SB was issued by the Purchasing and Materials Management Division and was advertised on both the City's and Ariba Discovery websites on February 27, 2024, with a closing date of April 12, 2024, and an issuance of five (5) Addenda. A total of five (5) Suppliers submitted their bids as listed in Table 2 below.

Table 2: Summary of Bids received including bid price

Supplier Name	Bid Price (excluding H.S.T.)
Alliance Verdi Civil Inc.	\$40,798,910.05**
Soncin Construction	\$50,971,739.59*
EllisDon Civil Ltd.	\$64,103,570.96
Graham Bros. Construction Limited	\$66,939,948.69
Grascan Construction Ltd./ Torbridge Construction Ltd.	\$72,300,000.00

**Supplier was found non-compliant with mandatory requirements.

*Pursuant to the Request for Tender document, the contract award value includes contingency.

The submissions were reviewed for compliance by staff from Purchasing and Materials Management Division and Engineering and Construction Services. Four (4) of the five (5) suppliers were found to be in conformance with the Request for Tender requirements. The recommended Supplier for Contract Number 24ECS-BE-09SB is Soncin Construction.

Engineering and Construction Services staff compared the bids to the engineering estimate of \$52,080,205 net of HST recoveries. The bid price of the recommended Supplier is in the amount of \$64,836,053 net of HST recoveries, this is approximately 24.49 percent higher than the engineering estimate.

The higher bid price compared to the engineering estimate was primarily resulting from increases in current market prices, underestimation of unit costs, and the means and methods determined by the Contractor. For many lump sum bid items, the costs incurred by the Contractor are related to their proposed schedules and methods that the City is not aware of until the contract is awarded. For unit price bid items, the higher bid prices may be due to recent increases in costs of equipment, materials, and specialized labour to do the work.

The Fair Wage Office has reported that the recommended Supplier has indicated they have reviewed and understand the Fair Wage Policy and Labour Trades requirements and the recommended Supplier has agreed to comply fully.

The Tender submission from Soncin Construction, for Request for Tender Doc4430179988, Contract Number 24ECS-BE-09SB, includes their agreement to substantially complete the work by 883 Calendar Days after the Commencement Date.

CONTACT

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SIGNATURE

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