

### Section I – Items for Board of Directors Action

**TO:** Chair and Members of the Executive Committee  
Friday, May 06, 2022 Meeting

**FROM:** Anil Wijesooriya, Director, Restoration and Infrastructure

**RE:** **AWARD OF REQUEST FOR TENDER FOR SUPPLY AND DELIVERY OF VARIOUS ARMOUR STONE AND RIP RAP FOR HUMBER BAY PARK EAST REVETMENT PROJECT**  
RFT No. 10037330, 10037422, 10037331, 10037333

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### KEY ISSUES

1. Award of Request for Tender (RFT) No. 10037330 - Supply and Delivery of 6,300 tonnes of 2 – 4 tonne Non-Stackable Armour Stone;
2. Award of Request for Tender (RFT) No. 10037422 - Supply and Delivery of 4,600 tonnes of 3 – 5 tonne Non-Stackable Armour Stone;
3. Award of Request for Tender (RFT) No. 10037331- Supply and Delivery of 2,350 tonnes of 3 – 5 tonne Stackable Armour Stone; and
4. Award of Request for Tender (RFT) No. 10037333 - Supply and Delivery of 4,700 tonnes of 300 – 600 mm Rip Rap.

### RECOMMENDATION

**WHEREAS** Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires supply and delivery of various armour stone and rip rap;

**AND WHEREAS** TRCA solicited tenders through a publicly advertised process;

**THEREFORE THE EXECUTIVE COMMITTEE RECOMMENDS THAT** Request for Tender (RFT) No. 10037330 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$548,415, plus applicable taxes, to be expended as authorized by TRCA staff;

**THAT** TRCA staff be authorized to approve additional expenditures to a maximum of \$54,842 (10% of the project cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary;

**THAT** Request for Tender (RFT) No. 10037422 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$426,190, plus applicable taxes, to be expended as authorized by TRCA staff;

**THAT** TRCA staff be authorized to approve additional expenditures to a maximum of \$42,619 (10% of the project cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary;

**THAT** Request for Tender (RFT) No. 10037331 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$233,708, plus applicable taxes, to be expended as authorized by TRCA staff;

**THAT** TRCA staff be authorized to approve additional expenditures to a maximum of

## Item 7.8

**\$23,371, (10% of the project cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed,**

**THAT Request for Tender (RFT) No. 10037333 be awarded to Dufferin Aggregates at a total cost not to exceed \$199,327, plus applicable taxes, to be expended as authorized by TRCA staff;**

**THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$19,933 (10% of the project cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed**

**THAT should TRCA staff be unable to negotiate a contract with any of the above-mentioned proponents, staff be authorized to enter into and conclude contract negotiations with other Proponents that submitted quotations (where applicable), beginning with the next lowest bid meeting TRCA specifications;**

**AND FURTHER THAT authorized TRCA officials be directed to take whatever action may be required to implement the contracts, including the obtaining of necessary approvals and the signing and execution of any documents.**

### **BACKGROUND**

TRCA, in partnership with the City of Toronto, is undertaking major maintenance works on existing shoreline erosion control structures in Humber Bay Park East. Humber Bay Park East is a waterfront park located at the mouth of Mimico Creek on the north shore of Lake Ontario in Etobicoke, City of Toronto.

Park construction began in the 1970s as a lake-filling operation which reached its current form in the 1990s. The park is a large urban green space, featuring wetlands, woodlots, and meadows, as well as several cultural and natural heritage features. The park is heavily utilized by the local community; this usage is expected to increase as the neighbourhood continues to evolve into a denser, high-rise residential community.

The park is armoured by a series of erosion control structures that protect the shoreline from erosion. TRCA's Erosion Risk Management Program (ERMP) has monitored the structures on an annual basis since the program began in 2006. Based on ERMP records, three of the existing erosion control structures within Humber Bay Park East have been flagged as priorities for repair, including two armourstone headlands and a concrete/rubble beach.

Installed in the early 1980s, these structures have deteriorated over time due to continuous wave activity. Recent severe weather events have exacerbated this damage, including the 2017 and 2019 Lake Ontario high water levels and the April 14-15, 2018 windstorm event. The damage to the structures has led to erosion along the park shoreline which has impacted park infrastructure and presents a safety risk to park users. Major maintenance is required to return these structures to a state of good repair and provide long-term protection to the Humber Bay Park East shoreline.

In 2019, TRCA retained Shoreplan Engineering Limited (Shoreplan) through a competitive procurement process to develop detailed designs for the long-term repair of the existing erosion control structures. The major maintenance works generally involve a repair-in-place design that focuses on repositioning existing stone material followed by the placement of a supplementary stone layer over the existing structures to provide more robust protection. The design includes

## Item 7.8

consideration of existing and predicted future coastal conditions to ensure long-term structural resiliency.

Due to the extent of the project area and the multi-year nature of construction, implementation of the Project has been divided into three phases.

- Phase I - Eastern Armourstone Headland
- Phase II - Concrete Rubble/Gravel Beach
- Phase III - Western Armourstone Headland

Implementation is currently in progress for Phase I of the Project and supply and delivery of various aggregate material is required to support construction.

### **RATIONALE**

A Request for Tender (RFT) for supply and delivery of various armour stone and rip rap for Humber Bay Park East Revetment on the public procurement website, [www.Biddingo.com](http://www.Biddingo.com) on February 23, 2022. A bidders meeting and site tour was held on March 1, 2022. The RFT closed on March 30, 2022. Two addendums were issued to respond to questions received.

A total of thirteen (13) firms downloaded the documents and submissions were received from the following Proponents:

- CDR Young's Aggregates Inc.;
- Doornekamp Construction;
- Dufferin Aggregates;
- Glenn Windrem Trucking; and
- Gott Natural Stone '99 Inc.

The bid from-CDR Young's Aggregates Inc. was disqualified because the "Agreement to Bond" was valid for only 30 days from tender closing date.

The Procurement Opening Committee opened the Tenders on March 30, 2022 with the following results:

**RFT #10037330 – Supply and Delivery of 6,300 tonnes of 2 – 4 tonne Non-Stackable Armour Stone**

<b>Proponent</b>	<b>Fee (Plus HST)</b>
Glenn Windrem Trucking	\$ 548,415
Dufferin Aggregates	\$ 570,591
Gott Natural Stone '99 Inc.	\$ 633,465

Staff reviewed the bid received from Glenn Windrem Trucking against its own cost estimate and has determined that the bid is of reasonable value and meets the requirements as outlined in the RFT documents. Therefore, it is recommended that contract No. 10037330 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$548,415, plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

## Item 7.8

**RFT # 10037422** – Supply and Delivery of 4,600 tonnes of 3 – 5 tonne Non-Stackable Armour Stone

Proponent	Fee (Plus HST)
Glenn Windrem Trucking	\$ 426,190

Staff reviewed the bid received from Glenn Windrem Trucking against its own cost estimate and has determined that the bid is of reasonable value and meets the requirements as outlined in the RFT documents. Therefore, it is recommended that contract No.10037422 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$426,190, plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications

**RFT # 10037331** – Supply and Delivery of 2,350 tonnes of 3 – 5 Tonne Stackable Armour Stone

Proponent	Fee (Plus HST)
Glenn Windrem Trucking	\$ 233,708

Staff reviewed the bid received from Glenn Windrem Trucking against its own cost estimate and has determined that the bid is of reasonable value and meets the requirements as outlined in the RFT documents. Therefore, it is recommended that contract No. 10037331 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$233,708, plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications

**RFT # 10037333** – Supply and Delivery of 4,700 tonnes of 300mm to 600mm Rip Rap

Proponent	Fee (Plus HST)
Dufferin Aggregates	\$ 199,327
Glenn Windrem Trucking	\$ 245,105
Doornekamp Construction	\$ 305,500
Gott Natural Stone '99 Inc.	\$ 368,950

Staff reviewed the bid received from Dufferin Aggregates against its own cost estimate and has determined that the bid is of reasonable value and meets the requirements as outlined in the RFT documents. Therefore, it is recommended that contract No. 10037333 be awarded to Dufferin Aggregates at a total cost not to exceed \$199,327, plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications

### **Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan**

This report supports the following strategic priority set forth in the TRCA 2013-2022 Strategic Plan:

**Strategy 7 – Build partnerships and new business models**

**Strategy 2 – Manage our regional water resources for current and future generations**

### **FINANCIAL DETAILS**

Funds for these contracts will be recovered from Parks, Forestry and Recreation through the City of Toronto Master Service Agreement dated August 15, 2018. Expenses are being tracked through account code 186-31.

## Item 7.8

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Date: April 22, 2022

Attachments: 1

Attachment 1: Project Location Map - Humber Bay Park East