

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

**TO:** Chair and Members of the Executive Committee  
Friday, October 7, 2022 Meeting

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

**RE:** **REQUEST FOR TENDER FOR SUPPLY AND DELIVERY OF VARIOUS AGGREGATES FOR THE ASHBRIDGES BAY TREATMENT PLANT LANDFORM PROJECT – HEADLAND 4**  
RFT No. 10038221, 10038222

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#### KEY ISSUE

1. Award of Request for Tender (RFT) No. 10038221 - Supply and Delivery of 13,000 tonnes of 100 - 700 mm Core Stone; and
2. Award of Request for Tender (RFT) No. 10038222 - Supply and Delivery of 18,400 tonnes of 4 - 6 tonne non-stackable Armour Stone.

#### RECOMMENDATION:

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

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

**THEREFORE, THE EXECUTIVE COMMITTEE RECOMMENDS THAT** RFT No. 10038221 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$526,500, plus applicable taxes, to be expended as authorized by TRCA staff;

**THAT** TRCA staff be authorized to approve additional expenditures to a maximum of \$52,650 (approximately 10% of the tender cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary.

**THAT** RFT No. 10038222 be awarded to J.C. Rock Ltd. at a total cost not to exceed \$1,393,248, plus applicable taxes, to be expended as authorized by TRCA staff;

**THAT** TRCA staff be authorized to approve additional expenditures to a maximum of \$139,325 (approximately 10% of the tender cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary.

**THAT** should TRCA staff be unable to negotiate a contract with the above-mentioned bidders, staff be authorized to enter into and conclude contract negotiations with other bidders that submitted tenders, 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 contract, including the obtaining of necessary approvals and the signing and execution of any documents.

### BACKGROUND

TRCA, in partnership with the City of Toronto, has commenced construction of three shore-connected breakwaters and a headland-beach system as part of the Ashbridges Bay Treatment Plant (ABTP) Landform Project located on the north shore of Lake Ontario, in the City of Toronto.

The Ashbridges Bay area has been the subject of several environmental assessments intended to identify a solution to local shoreline erosion and sediment deposition issues while considering approved planning initiatives and current uses in the project area.

Erosion control for long-term shoreline stability and protection of existing facilities, as well as management of sediment from the Coatsworth Cut navigation channel were identified as critically important to the City of Toronto. An integrated approach was decided upon which included the development of detailed designs and construction of the ABTP Landform as a solution to the erosion and sediment control issues at Ashbridges Bay.

Construction of the ABTP Landform, in accordance with the detailed designs, was authorized during the City Council meetings on April 16 and 17, 2019.

At TRCA's Board of Directors meeting #4/19, held on April 26, 2019, RES.#A58/19 provided staff with direction to negotiate and enter into and execute one or more service agreements with the City of Toronto to construct the Ashbridges Bay Treatment Plant Landform. On June 26, 2019, TRCA and the City of Toronto executed an Interim Letter Agreement allowing TRCA to undertake preconstruction activities. The Final Agreement for construction of the ABTP Landform Project was effective September 30, 2019, with construction activities officially beginning on January 13, 2020.

A comprehensive implementation phasing plan for the landform was prepared as part of detailed design. Construction of the Landform was split into three components and three corresponding cells, constructed from west to east. Each phase involved the construction of a confinement berm to isolate the fill area from the lake, the filling of the cell, the construction of a protective headland-beach system, and submerged shoal habitat features.

There are also central and east breakwater components, which together, provide a long-term solution to address the sedimentation issue within the Coatsworth Cut navigation channel which TRCA currently maintains through a \$250,000 per year dredging program.

Given the scope of the Landform Project, an estimated five-year phased approach is required to construct the works that commences in 2020. The phases are as follows:

- Phase 1 – Construction of the Cell 1 confinement berm, filling of Cell 1, and construction of the headland-beach system and submerged shoals associated with Cell 1
- Phase 2 – Construction of Cell 2 confinement berm, filling of Cell 2, construction of headland-beach system and submerged shoals associated with Cell 2
- Phase 3 – Construction of the Cell 3 confinement berm, filling of Cell 3, and armourstone and rip-rap placement
- Phase 4 and 5 – Construction of Eastern and Central Breakwater, and shoal construction

## Item 7.5

At the time of writing this report, construction of all three confinement berms, filling of Cell 1 and Cell 2 and construction of Headland 2 and 3 are complete.

Approval to award Contract #10020798 for supply and delivery of material required for the construction of the Cell 1 confinement berm was recommended for approval at Executive Committee meeting #4/19 held on Friday May 3, 2019 and was approved at the Board of Directors meeting #5/19 held on Friday May 24, 2019.

### RATIONALE

A request for Tender for supply and delivery of various aggregate materials to Ashbridges Bay Treatment Plant Landform Project – Headland 4 was posted on the public procurement website, [www.biddingo.com](http://www.biddingo.com) on August 22, 2022 and closed on September 6, 2022. One (1) addendum was issued to respond to questions received.

A total of seven (7) companies downloaded the documents and four (4) submissions were received from the following Bidder(s):

- Glenn Windrem Trucking
- Gott Natural Stone '99 Inc.
- H.R. Doornekamp Construction Ltd
- J.C. Rock Ltd.

The Procurement Opening Committee opened the Tenders on September 6, 2022 with the following results:

#### **RFT # 10038221 – Supply and Delivery of 13,000 Tonnes of 100-700 mm Core Stone to Ashbridges Bay Landform Project – Headland 4**

<b>Bidder</b>	<b>Fee (Plus HST)</b>
Glenn Windrem Trucking	\$ 526,500
J.C. Rock Ltd.	\$ 564,590
H.R. Doornekamp Construction Ltd	\$ 715,000
Gott Natural Stone '99 Inc.	\$ 897,520

Staff reviewed the bid received against 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.10038221 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$526,500, plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

#### **RFT # 10038222 – Supply and Delivery of 18,400 Tonnes of 4 – 6 Tonne Piece Non-Stackable Armourstone to Ashbridges Bay Landform Project– Headland 4:**

<b>Bidder</b>	<b>Fee (Plus HST)</b>
J.C. Rock Ltd.	\$ 1,393,248
Gott Natural Stone '99 Inc.	\$ 1,606,872
Glenn Windrem Trucking	\$ 1,628,400
H.R. Doornekamp Construction Ltd	\$ 1,932,000

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Staff reviewed the bid received from J.C. Rock Ltd. 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.10038222 be awarded to J.C. Rock Ltd. at a total cost not to exceed \$1,393,248, plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

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

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

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

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

**Strategy 12 – Facilitate a region-wide approach to sustainability**

### **FINANCIAL DETAILS**

The estimated project cost for construction of the Ashbridges Bay Treatment Plant Landform Project is \$96 million net of all applicable taxes (\$97.7 million net of HST recoveries).

Funds to support these contracts will be recovered through the service agreement with the City of Toronto and tracked under account code 183-02.

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**Date: September 14, 2022**

**Attachments: 2**

Attachment 1 - Key Map of Project Location

Attachment 2 - Project Progress Photos