

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

**TO:** Chair and Members of the Board of Directors  
Friday, June 25, 2021 Meeting

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

**RE:** **DELEGATED AUTHORITY TO AWARD CONTRACT 10035829 AND 10035830 FOR SUPPLY AND DELIVERY OF ARMOUR STONE TO ASHBRIDGES BAY TREATMENT PLANT LANDFORM PROJECT**  
RFT No. 10035829, 10035830

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#### KEY ISSUE

Staff request to Toronto and Region Conservation Authority's (TRCA) Board of Directors to delegate approval authority to the Chief Executive Officer to award this contract prior to the next Board of Directors meeting in September 2021.

#### RECOMMENDATION

**WHEREAS no meetings of TRCA's Executive Committee and Board of Directors are scheduled for the months of July and August 2021;**

**AND WHEREAS Resolution #A183/20, adopted at TRCA's November 20, 2020 Board of Directors meeting previously delegated the approval of all time sensitive procurements for the months July and August 2021 to the Chief Executive Officer or his designate;**

**THEREFORE, LET IT BE RESOLVED THAT the Chief Executive Officer be delegated authority to award Contracts 10035829 and 10035830;**

**THAT should TRCA staff be unable to negotiate a contract with the successful Proponent, staff be authorized to enter into and conclude contract negotiations with other Proponents that submitted quotations, beginning with the next lowest bid meeting TRCA specifications;**

**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;**

**AND FURTHER THAT staff report back on the contract award to the Board of Directors at the September 2021 meeting.**

#### 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.

## Item 7.6

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.#A56/19 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. The final agreement for construction of the ABTP Landform Project was executed on December 23, 2019 and construction activities officially began on January 13, 2020.

A comprehensive implementation phasing plan for the landform was prepared as part of detailed design. Construction of the Landform will be split into three components and three corresponding cells, which will be constructed from west to east. Each phase involves 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 is also a central and east breakwater, which together, provides 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 to six-year phased approach is required to construct the works commencing 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

At the time of writing this communication, construction of all three confinement berms is forecasted to be completed in June 2021.

Construction of the head-beach systems has commenced with previous approvals to award Contracts #10035223, 10035225 and 10035226 for supply and delivery of various aggregates. These contracts were awarded with Board of Directors approval at meeting #9/20 held on Friday, January 29, 2021, RES.#A225/20.

### **RATIONALE**

TRCA construction staff are preparing to begin construction of a headland on the eastern region of the berm in August/September 2021.

As such, staff request the Board of Directors to grant delegated authority to the CEO to award

## Item 7.6

contracts 10035829 and 10035830 in July 2021 to ensure timely implementation of this priority project. Once the contract has been approved, staff will prepare a report for the Board of Directors Meeting scheduled for September 24, 2021 to provide the Board with the contract award information.

### **Relationship to Building the Living City, the TRCA 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 \$96.0 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.

### **DETAILS OF WORK TO BE DONE**

Recommendation of the Proponents for these contracts is pending successful inspection of quarries by TRCA staff and the engineering consultant for Ashbridges Bay Treatment Plant Landform Project. This inspection will be done to insure the successful Proponent has the capability to deliver at the material specifications listed in these contracts, before recommending them for award.

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**Date: May 12, 2021**