

Section I – Items for Board of Directors Action

TO: Chair and Members of the Executive Committee
Friday, March 11, 2022 Meeting

FROM: Anil Wijesooriya, Director, Restoration and Infrastructure

RE: **SUPPLY AND DELIVERY OF VARIOUS ARMOURSTONE TO ASHBRIDGES BAY TREATMENT PLANT LANDFORM PROJECT**
RFT# 10037233, 10037234, 10037235

KEY ISSUE

Award of Request for Tender (RFT) No.10037233, 10037234, 10037235 for the Supply and Delivery of Various Armourstone to Ashbridges Bay Treatment Plant Landform Project.

RECOMMENDATION

WHEREAS Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires supply and delivery of various materials to support construction of detailed designs at Ashbridges Bay Treatment Plant Landform Project;

AND WHEREAS TRCA solicited tenders through a publicly advertised process and selected the preferred bidder based on the lowest cost;

THEREFORE, THE EXECUTIVE COMMITTEE RECOMMENDS THAT Request for Tender (RFT) No. 10037233, for the Supply and Delivery of 0.3 - 0.5 Tonne Piece Armourstone to Ashbridges Bay Treatment Plant Landform Project be awarded to Gott Natural Stone '99 Inc. at a total cost not to exceed \$267,840, plus applicable taxes, to be expended as authorized by TRCA staff;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$26,784 (approximately 10% of the tender cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary;

THAT Request for Tender (RFT) No. 10037234, for the Supply and Delivery of 2 - 4 Tonne Piece Non-Stackable Armourstone to Ashbridges Bay Treatment Plant Landform Project be awarded to Glenn Windrem Trucking at a total cost not to exceed \$1,542,250, plus applicable taxes, to be expended as authorized by TRCA staff;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$154,225 (approximately 10% of the tender cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary;

THAT Request for Tender (RFT) No. 10037235, for the Supply and Delivery of 3 – 5 Tonne Piece Stackable Armourstone to Ashbridges Bay Treatment Plant Landform Project be awarded to CDR Young's Aggregates Inc. at a total cost not to exceed \$682,860, plus applicable taxes, to be expended as authorized by TRCA staff;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$68,286 (approximately 10% of the tender cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary;

Item 7.3

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;

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:

Item 7.3

- 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, filling of Cell 1 and Cell 2 and construction of Headland 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 03, 2019 and was approved at the Board of Directors meeting #5/19 held on Friday May 24, 2019.

RATIONALE

RFT documentation was posted on the public procurement website, Biddingo on January 20, 2022. A bidders meeting and site tour was held on January 27, 2022. The RFT closed on February 3, 2022.

One (1) addendum was issued to respond to questions received. A total of seven (7) firms downloaded the documents. Elite Stone Quarries Ltd. sent their regrets due to having some bonding issues. Three (3) submissions were received via Biddingo from the following bidders:

- CDR Young's Aggregates Inc.
- Glenn Windrem Trucking
- Gott Natural Stone '99 Inc.

An Evaluation Committee, comprised of staff from the Erosion Risk Management Business Unit and Contract Management Business Unit, reviewed the tenders. A lowest price evaluation was used to select the preferred bidder.

The Procurement Opening Committee opened the Tenders on February 3, 2022, at 11:00 a.m. with the following results:

RFT # 10037233 – Supply and Delivery of 3,600 Tonnes of 0.3 – 0.5 Tonne Piece Armourstone to Ashbridges Bay Landform Project

Bidder	Fee (Plus HST)
Glenn Windrem Trucking	\$268,200
Gott Natural Stone '99 Inc.	\$267,840

Staff reviewed the bids received against its own cost estimate and has determined that the bids are of reasonable value and meets the requirements as outlined in the RFT documents. Therefore, it is recommended that contract No.10037233 be awarded to Gott Natural Stone '99

Item 7.3

Inc. at a total cost not to exceed \$267,840, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

This contract is subject to a 10% contingency to be expended as authorized by TRCA staff.

RFT # 10037234 – Supply and Delivery of 19,900 Tonnes of 2 – 4 Tonne Piece Non-Stackable Armourstone to Ashbridges Bay Landform Project

Bidder	Fee (Plus HST)
Glenn Windrem Trucking	\$1,542,250
Gott Natural Stone '99 Inc.	\$1,756,175

Staff reviewed the bids received against its own cost estimate and has determined that the bids are of reasonable value and meets the requirements as outlined in the RFT documents. Therefore, it is recommended that contract No.10037234 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$1,542,250, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

This contract is subject to a 10% contingency to be expended as authorized by TRCA staff.

RFT # 10037235 – Supply and Delivery of 7,600 Tonnes of 3 – 5 Tonne Piece Stackable Armourstone to Ashbridges Bay Landform Project

Bidder	Fee (Plus HST)
CDR Young's Aggregates Inc.	\$682,860
Glenn Windrem Trucking	\$718,200
Gott Natural Stone '99 Inc.	\$712,956

Staff reviewed the bids received against its own cost estimate and has determined that the bids are of reasonable value and meets the requirements as outlined in the RFT documents. Therefore, it is recommended that contract No.10037235 be awarded to CDR Young's Aggregates Inc. at a total cost not to exceed \$682,860, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

This contract is subject to a 10% contingency to be expended as authorized by TRCA staff.

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 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.

Item 7.3

Report prepared by: Ahmed Al-Allo, extension 5610 and Jet Taylor, extension 5526

Emails: Ahmed.Alallo@trca.ca; jet.taylor@trca.ca

For Information contact: Jet Taylor, extension 5526

Emails: jet.taylor@trca.ca

Date: February 15, 2022

Attachments: 2

Attachment 1: Key Map of Project Location

Attachment 2: Project Progress Photos