

Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Friday, September 22, 2023 Meeting

FROM: Anil Wijesooriya, Director, Restoration and Infrastructure

RE: **REQUEST FOR TENDER SUPPLY AND DELIVERY OF COBBLE
STONE FOR HUMBER BAY PARK EAST BEACH**
RFT No. 10039921

KEY ISSUE

Award of Request for Tender (RFT) No. 10039921 for Supply and Delivery of 25,150 Tonnes of 75 – 200mm Cobble Stone to Humber Bay Park East Beach.

RECOMMENDATION:

WHEREAS Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires supply and delivery of 25,150 tonnes of cobble stone to Humber Bay Park East Beach;

AND WHEREAS TRCA solicited tenders through a publicly advertised process;

THEREFORE LET IT BE RESOLVED THAT RFT No. 10039921, for supply and delivery of 25,150 tonnes of cobble stone to Humber Bay Park East Beach be awarded to Gott Natural Stone '99 Inc. at a total cost not to exceed \$1,238,638, plus applicable taxes, to be expended as authorized by TRCA staff;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$123,864 (approximately 10% of the project 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 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, 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

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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 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 – Western Armourstone Headland
- Phase III – Concrete Rubble/Gravel Beach

Implementation for Phase I was completed in May 2023, and Phase II is currently in progress. Delivery of the cobble material is required to support construction of Phase III of the Project, which is anticipated to begin in November 2023.

RATIONALE

An RFT for supply and delivery of 25,150 tonnes of cobble stone for Humber Bay Park East beach was posted on the public procurement website, www.Biddingo.com, on July 5, 2023. All bidders were required to visit the project site before submitting their bids and by personal examination satisfy themselves as to the local conditions that may be encountered during the execution of the work. The RFT closed on July 20, 2023. Two addendums were issued to respond to questions received.

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A total of nine (9) firms downloaded the documents and submissions were received from the following three (3) Proponents:

- Bronte Construction;
- Glenn Windrem Trucking; and
- Gott Natural Stone '99 Inc.

The Procurement Opening Committee opened the Tenders on July 20, 2023, with the following results:

RFT #10039921 – Supply and Delivery of 25,150 tonnes of 75-200mm Cobble Stone to Humber Bay Park East Beach.

Proponent	Fee (Plus HST)
Gott Natural Stone '99 Inc.	\$1,238,638
Bronte Construction	\$1,339,489
Glenn Windrem Trucking	\$1,414,688

Staff reviewed the bid received from Gott Natural Stone '99 Inc. 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. 10039921 be awarded to Gott Natural Stone '99 Inc. at a total cost not to exceed \$1,238,638, plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

Relationship to TRCA's 2023-2034 Strategic Plan

This report supports the following Pillar and Outcome set forth in TRCA's 2023-2034 Strategic Plan:

Pillar 1 Environmental Protection and Hazard Management:

1.1 Deliver provincially mandated services pertaining to flood and erosion hazards

FINANCIAL DETAILS

Funded by City of Toronto in partnership with Infrastructure Canada through the Disaster Mitigation and Adaptation Fund.

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Attachments: 1

Attachment 1: Project Location Map