

SECTION I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Friday, May 26, 2023 Meeting

FROM: Anil Wijesooriya, Director, Restoration and Infrastructure

RE: **REQUEST FOR TENDER FOR HUMBER RIVER SANITARY
INFRASTRUCTURE PROTECTION PROJECT**
RFT No. 10038520

KEY ISSUE

Award of Request for Tender (RFT) No. 10038520 to Esposito Bros. Construction for the supply of all labour, equipment and materials necessary to implement erosion control, bank stabilization and infrastructure protection for the Humber River Sanitary Infrastructure Protection Project, City of Vaughan.

RECOMMENDATION:

WHEREAS Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires a general contractor to supply all labour, equipment and materials necessary to implement erosion control, bank stabilization and infrastructure protection for the Humber River Sanitary Infrastructure Protection Project, City Of Vaughan;

AND WHEREAS TRCA solicited tenders through a publicly advertised process;

THEREFORE LET IT BE RESOLVED THAT RFT No. 10038520 for the Humber River Sanitary Infrastructure Protection Project, City Of Vaughan be awarded to Esposito Bros. Construction at a total cost not to exceed \$1,698,480, plus applicable taxes, to be expended as authorized by Toronto and Region Conservation Authority (TRCA) staff;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$169,848 (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.

Item 8.3

BACKGROUND

The site was flagged by TRCA Erosion Risk Management staff in 2011 when slumping and undercutting of a failing concrete retaining wall adjacent to Islington Avenue was first observed. A sanitary (TRCA ID P-004) and a water (TRCA ID P-005) gravity main are located parallel to the road at the crest of the slope where active erosion has caused a large scour to form and place the infrastructure at risk. In addition, multiple sinkholes have been observed within the slope embankment.

In 2019, TRCA retained Aquafor Beech Limited to provide a comprehensive geomorphic, hydraulic, geotechnical and ecological assessments to confirm the full extent of risk to the water and sanitary main and the road, and the origin of the sinkholes. The results of the assessments informed Aquafor's concept and detailed designs for long term infrastructure protection and stabilization of the left bank.

In 2020, TRCA determined that the Project would be tendered out for construction due to the complex nature of the work and associated liability. Implementation was originally scheduled for Summer 2021 in abidance with the cold-water timing window for in-water construction works; however, given the higher than expected bids it was discussed with York Region to re-tender in 2023 following acquisition of funds.

Aquafor was later tasked in 2021 to update the flow management measures and remove sheet piling from the designs to reduce construction costs. Further, Aquafor provided provisional designs to address major sinkholes in the Project Area, this was conducted in Winter 2021 as interim works, prior to the re-tender construction in Summer 2023.

RATIONALE

A Request for Tender for general contractors was publicly advertised on the public procurement website Bids & Tenders on March 2nd, 2023. The following seven (7) general contractors were in attendance at the mandatory meeting and site tour held on March 14th, 2023:

- Aqua Tech Solutions Inc.
- Arenes Construction Ltd.
- Bronte Construction
- Dynex Construction Inc.
- Esposito Bros. Construction Ltd.
- Metric Contracting Services
- R&M Construction

Two (2) addendums were issued on March 23rd and March 29th to respond to questions received and the tender closed on March 31st, 2023.

Two (2) Proponents declined the opportunity to bid due to current workload and inability to take on additional work.

Item 8.3

The Procurement Opening Committee opened the Tenders on April 3rd, 2023 at ~2:30pm with the following results:

Proponent	Fee (Plus HST)
Esposito Bros. Construction Ltd.	\$1,698,480
Bronte Construction	\$2,278,921
R&M Construction	\$3,302,274
Dynex Construction Inc.	\$3,569,739
Metric Contracting Services	\$5,378,397

Staff reviewed the bid received from Esposito Bros. Construction 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. 10038520 be awarded to Esposito Bros. Construction at a total cost not to exceed \$1,698,480, plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

Relationship to TRCA's 2022-2034 Strategic Plan

This report supports the following Pillar(s) and Outcome(s) 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

Pillar 4 Service Excellence:

- 4.3 Responsive relationships and a trusted brand with a reputation for excellence

FINANCIAL DETAILS

Funds for the contract are identified in 2023 York Region Account # 189-18.

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Date: April 24, 2023

Attachments: 1

Attachment 1: Humber River Location Map