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Section I – Items for Board of Directors Action

TO: Chair and Members of the Executive Committee
Meeting #7/19, Friday, September 06, 2019

FROM: Moranne McDonnell, Director, Restoration and Infrastructure

RE: **REQUEST FOR TENDER FOR CONSTRUCTION SERVICES FOR
BEAUCOURT ROAD (12-30) MAJOR MAINTENANCE PROJECT**
RFT No. 10020533

KEY ISSUE

Award of Request for Tender (RFT) No. 10020533 for the supply of all labour, equipment and materials necessary to repair a TRCA-owned retaining wall along Mimico Creek for the Beaucourt Road (12-30) Major Maintenance Project in the City of Toronto.

RECOMMENDATION

WHEREAS Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires bank stabilization works including slope restoration and erosion control structure maintenance;

AND WHEREAS TRCA solicited tenders through a publicly advertised process;

THEREFORE THE EXECUTIVE COMMITTEE RECOMMENDS THAT Request for Tender (RFT) No. 10020533 for the Beaucourt Road (12-30) Major Maintenance Project be awarded to 560789 Ontario Ltd. o/a R&M Construction at a total cost not to exceed \$818,313.00 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 \$164,000.000 (approximately 20% 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

In 1983, TRCA constructed a 152-metre-long gabion basket retaining wall along Mimico Creek along the toe of the slope below Beaucourt Road in Berry Road Park. In April 2009, a partial failure of the retaining wall (approximately 50 meters) occurred along the toe of the slope below 12 – 20 Beaucourt Road.

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In 2011, TRCA undertook construction of an armourstone retaining wall to replace the failed section of gabion baskets below Beaucourt Road. From 2014 to 2016, TRCA monitoring inspection records noted severe displacement of armourstones from the wall constructed in 2011, in addition to slumping, scouring, and water seepage at the site. It is suspected the substantial flows from the July 8, 2013 severe weather event in the Greater Toronto Area were the cause of the failure, based on the timing of the deficiencies recorded in the following years. This site was subsequently ranked as a high priority for maintenance work due to the height of the slope, and proximity of the dwellings and rear yard structures to the slope crest.

In May 2017, the detailed design contract for major maintenance work was awarded to Ecosystem Recovery Incorporated (ERI). The proposed design prepared by ERI includes replacement of the failed section of the armourstone retaining wall, replacement of a failing section of gabion basket retaining wall, reinforcement of the channel bed, and energy deflection away from the outer bank. To increase the stability of the replacement armourstone retaining wall, it will be secured to the face of the valley slope using a tie-back system.

RATIONALE

A Request for Pre-Qualification (RFPQ) for general contractors was publicly advertised on the public procurement website www.biddingo.com on May 8, 2019 and closed on May 24, 2019 at 11:00 AM. General contractors interested in pre-qualifying were advised that in order to receive a tender package they must meet the following criteria:

- Submission of a complete pre-qualification package
- Past experience in the construction of similar erosion control projects
- Ability to meet construction schedule milestones and ability to coordinate work by others
- Value of completed work and experience dealing with projects with construction budgets of approximately \$1.2 million
- Resumes of key personnel
- Positive feedback received from references provided by the contractor on their CCDC 11 – 2018 Form as well as internal TRCA references, where applicable

Five (5) pre-qualification submissions were received from the following Proponent(s):

- 2220742 Ontario Ltd. o/a Bronte Construction
- 560789 Ontario Ltd. o/a R&M Construction
- 614128 Ontario Ltd. o/a Trisan Construction
- CSL Group Ltd.
- Dynex Construction Inc.

An Evaluation Committee comprised of staff from the Engineering Projects Business Unit reviewed the pre-qualification documents against the criteria above. Based on the evaluation results, Request for Tender documents were issued on July 31, 2019 to the following five (5) Proponent(s):

- 2220742 Ontario Ltd. o/a Bronte Construction
- 560789 Ontario Ltd. o/a R&M Construction
- 614128 Ontario Ltd. o/a Trisan Construction
- CSL Group Ltd.
- Dynex Construction Inc.

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A mandatory meeting and site tour was held on August 7, 2019 and The RFT closed on August 14, 2019.

One (1) addendum was issued to respond to questions received.

The Procurement Opening Committee opened the Tenders on August 14, 2019 with the following results:

Proponent	Fee (Plus HST)
560789 Ontario Ltd. o/a R&M Construction	\$818,313.00
Dynex Construction Inc.	\$1,165,250.00
2220742 Ontario Ltd. o/a Bronte Construction	\$1,459,319.00
614128 Ontario Ltd. o/a Trisan Construction	\$2,514,750.00

Staff reviewed the bid received from 560789 Ontario Ltd. o/a R&M 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. 10020533 be awarded to 560789 Ontario Ltd. o/a R&M Construction at a total cost not to exceed \$818,313.00 plus 20% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

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

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

This project provides continued investment in erosion control infrastructure built and maintained by TRCA for protection of the integrity and health of Mimico Creek.

FINANCIAL DETAILS

Funds for the contract are identified in the 2019 City of Toronto capital budget for major maintenance of TRCA-owned erosion control infrastructure. The cost of executing this contract, including all staff time and associated costs to manage the project, is being tracked under account #134-05.

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Attachments: 1

Attachment 1: Key Map