

Section I – Items for Board of Directors Action

TO: Chair and Members of the Executive Committee
Meeting #3/19, Friday, April 05, 2019

FROM: Gord MacPherson, Interim Director, Restoration and Infrastructure

RE: **REQUEST FOR QUOTATION FOR SUPPLY AND DELIVERY OF VARIOUS AGGREGATES AT LAKEVIEW WATERFRONT CONNECTION PROJECT**
RFQ No. #10009905 and #10009906

KEY ISSUE

1. Award of Request for Quotation (RFQ) No. 10009905 for The Supply and Delivery of 8500 Tonnes of 2 – 5 Tonne Stackable Armourstone
2. Award of Request for Quotation (RFQ) No.10009906, for The Supply and Delivery of 8000 Tonnes of 3 – 5 Tonne Non-Stackable Armourstone

RECOMMENDATION

WHEREAS Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires various aggregates;

AND WHEREAS TRCA solicited quotations through a publicly advertised process;

THEREFORE THE EXECUTIVE COMMITTEE RECOMMENDS THAT Request for Quotation (RFQ) No. 10009905 for the Supply and Delivery of Approximately 8500 Tonnes of 2 – 5 Tonne Stackable Armourstone to the Lakeview Waterfront Connection Project in the City of Mississauga, be awarded to CDR Young's Aggregates Inc. at a total cost not to exceed \$ 527,000.00, 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 \$52,700.00 (approximately 10% of the above project cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary;

THAT Request for Quotation (RFQ) No.10009906 for the Supply and Delivery of Approximately 8000 Tonnes of 3 – 5 Tonne Non-Stackable Armourstone to the Lakeview Waterfront Connection Project in the City of Mississauga, be awarded to Glenn Windrem Trucking for a total cost not to exceed \$470,000.00, 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 \$47,000 (approximately 10% of the above 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;

Item 8.1.

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

The Regional Municipality of Peel, Credit Valley Conservation, and Toronto and Region Conservation Authority (TRCA), are collaborating in the development of a new natural waterfront park along the eastern waterfront in the City of Mississauga, known as the Lakeview Waterfront Connection. The project goals and objectives are to provide public access to and along the waterfront, re-create lost coastal wetlands, allow fish access to Serson Creek, re-establish extensive new meadow and forest coastal habitats, and to soften the existing shoreline by increasing the amount of beach habitat.

As shown in Attachment 1, the Lakeview Waterfront Connection Project is being constructed in phases. This phased construction is accomplished through the creation of several rubble confinement cells that isolate the fill areas from Lake Ontario, with the newly created landform ultimately provided with long-term protection against erosion through the placement of armourstone at key locations along the shoreline. To date, cell 1 has been constructed, filled with approximately 315,000 cubic metres of clean fill, received final armouring, and the habitat work is 95% complete. Confinement cell 2 has been constructed and filled with approximately 125,000 cubic metres of clean fill, and armouring is in progress with approximately 470 linear metres of armorings remaining. Confinement cells 4a and 4b were isolated in fall 2018, and filling is currently underway. Finally, construction of rubble confinement cells 3a and 3b was completed in January 2019 and more than 285,000 cubic metres of clean fill has been placed. Final armouring of cell 3b is scheduled to commence in July 2019 with a target completion date of fall 2020. This legacy partnership project has an overall target completion date of late 2024 – early 2025.

RATIONALE

In accordance with the approved design plans, armourstone of various size is required to provide long-term protection against shoreline erosion for the newly created landform. To ensure the required type and volume of aggregate is secured for the remainder of the current implementation phase, which extends into 2020, a Request for Quotation was publicly advertised on the public procurement website www.biddingo.com on January 7, 2019 and closed on January 18, 2019. A mandatory meeting and site tour was held on January 11, 2019.

A total of nine (9) firms downloaded the documents and four (4) quotations were received from the following Proponent(s):

- Glenn Windrem Trucking
- CDR Young's Aggregates Inc.
- Atlantis Marine Construction
- TACC Construction

One (1) Proponent declined the opportunity to bid due to their inability to provide abrasion test results.

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The Procurement Opening Committee opened the quotations on January 18, 2019 with the following results:

1. Contract #10009905 - Supply and Delivery of 8,500 tonnes of 2 – 5 Tonne Stackable Armourstone

Proponent	Fee (Plus HST)
CDR Young's Aggregates Inc.	\$527,000.00
Atlantis Marine Construction	\$590,750.00
Glenn Windrem Trucking	\$592,875.00
TACC Construction	\$646,000.00

Staff reviewed the bid received from CDR Young's Aggregates Inc. against its own cost estimate and has determined that the bid is of reasonable value and meets the requirements as outlined in the RFQ documents. Therefore, it is recommended that Contract No. 10009905 be awarded to CDR Young's Aggregates Inc. at a total cost not to exceed \$ 527,000.00 plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

2. Contract #10009906 - Supply and Delivery of 8,000 tonnes of 3 – 5 Tonne Non-Stackable Armourstone

Proponent	Fee (Plus HST)
Glenn Windrem Trucking	\$470,000.00
CDR Young's Aggregates Inc.	\$512,000.00
Atlantis Marine Construction	\$532,000.00
TACC Construction	\$608,000.00

Staff reviewed the bid received from Glenn Windrem Trucking against its own cost estimate and has determined that the bid is of reasonable value and meets the requirements as outlined in the RFQ documents. Therefore, it is recommended that contract No. 10009906 be awarded to Glenn Windrem Trucking at a total cost not to exceed \$ 470,000.00 plus 10% 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 priority set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 3 – Rethink greenspace to maximize its value

Strategy 4 – Create complete communities that integrate nature and the built environment

Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

Funding for this project is available from the Region of Peel capital budget, Account, 252-52.

Report prepared by: Ahmed Al-Allo, extension 5610

Emails: ahmed.alallo@trca.on.ca

For Information contact: Mike Puusa, extension 5560

Emails: mpuusa@trca.on.ca

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Attachments: 1

Attachment 1: Phasing Plan