

Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Meeting #6/20, Friday, September 25, 2020

FROM: Anil Wijesooriya, Director, Restoration and Infrastructure

RE: **REQUEST FOR TENDER FOR EROSION CONTROL CONSTRUCTION SERVICES FOR THE ASHBRIDGES BAY PARK MAJOR MAINTENANCE PROJECT**
RFT No. 10021166

KEY ISSUE

Award of Request for Tender (RFT) No. 10021166 for implementation of erosion control protection by barge along the south shore of Ashbridges Bay Park.

RECOMMENDATION

WHEREAS Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires shoreline stabilization works;

AND WHEREAS TRCA solicited tenders through a publicly advertised process;

THEREFORE, LET IT BE RESOLVED THAT Request for Tender (RFT) No. 10021166 for the Ashbridges Bay Park Major Maintenance Project be awarded to Galcon Marine Ltd. at a total cost not to exceed \$2,592,188, plus applicable taxes, to be expended as authorized by TRCA staff;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$259,218 (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 is planning for major maintenance works on an existing engineered erosion control beach within Ashbridges Bay Park along the north shore of Lake Ontario. Typical coastal conditions, significantly exacerbated by the 2017 and 2019 high lake levels and the 2018 severe windstorm, have resulted in displacement and loss of original beach material. This loss of erosive force protection has led to backshore erosion, loss of tableland trees, damage to park paths, and is placing the safety of park users at risk. See Attachment 2 for a photographic example of the damage. TRCA's Erosion Risk Management Program has classified the beach as a failing structure since 2011 and as a high priority as of 2017.

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In September 2018, Baird and Associates was retained to develop detailed designs for the restoration of the existing engineered beach system. Through collaborative discussions involving TRCA Engineering Projects, Aquatic Monitoring and Management, and Restoration & Resource Management staff; Department of Fisheries and Oceans Canada (DFO) regulatory biologists; Baird and Associates coastal engineers; and our funding partners at Parks, Forestry and Recreation (PF&R), staff have decided to implement a shoreline rip rap beach along the western portion of the site and a nearshore underwater rip rap reef along the eastern third of the site. These structures will limit the in-water footprint and the underwater reef will provide a unique aquatic habitat feature for the area. A concept plan of the proposed works is included as Attachment 3.

In order to implement this final solution, TRCA requires the supply, delivery and placement of approximately 25,000 tonnes of 300 – 900 millimetre rip rap by barge.

At Board of Directors Meeting #5/20, held on June 26, 2020, Resolution #A82/20 was approved as follows:

WHEREAS no meetings of the Executive Committee and Board of Directors are scheduled for the months of July and August 2020;

AND WHEREAS Resolution #A184/19, adopted at the October 25, 2019 Board of Directors meeting previously delegated the approval of all time sensitive procurements for the months July and August 2020 to the Chief Executive Officer or his designate;

THEREFORE, LET IT BE RESOLVED THAT the Chief Executive Officer be delegated authority to award Contract 10021166;

AND FURTHER THAT staff report back on the contract award to the Board of Directors at the September meeting.

Although approval to award this contract was delegated to the CEO, delays in obtaining DFO regulatory approval have negated the need to award the contract expeditiously. Therefore, staff have decided to bring the recommendation to award this contract to the Board of Directors in the traditional fashion.

RATIONALE

Request for Tender (RFT) #10021166 was publicly advertised on Biddingo.com on July 20th, 2020, and a mandatory site meeting was held on July 28th, 2020. The following contractors attended this meeting:

- CSL Group;
- Dean Construction;
- Doornekamp Construction Ltd.;
- Galcon Marine Ltd.; and
- McNally Construction.

The Procurement Opening Committee opened the Tenders on August 12th, 2020 at 2:00 pm with the following results:

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RFT # 10021166
Ashbridges Bay Park Major Maintenance Project
Construction of a Rip-rap Revetment & Reef

Bidders	Total Tender Amount (excl. HST)
Galcon Marine Ltd.	\$2,592,188
McNally Construction	\$4,475,000
Doornekamp Construction Ltd.	\$4,825,000

Restoration and Infrastructure staff reviewed the bid received from Galcon Marine Ltd. against its own cost estimate and has determined that the bid is of reasonable value and meets the requirements as outlined in the contract documents. Further assessment by TRCA staff of Galcon Marine Ltd. experience and ability to undertake similar projects was conducted through reference checks which resulted in positive feedback that Galcon Marine Ltd. is capable of undertaking the scope of work.

The main tender item that varied substantially between contractors was the proposed mobilization and demobilization costs. The large range in pricing is based on the location of the contractor's equipment relative to the work area and cost associated with transporting their machinery to the site. Galcon Marine intends to mobilize by water from the Toronto shipping Channel and has priced their mobilization accordingly. McNally Construction has to mobilize their equipment by water from Hamilton and Doornekamp Construction must mobilize from Picton Ontario; this is more expensive due to the time and distance from the site.

TRCA staff recommend that Contract #10021166 be awarded to Galcon Marine Ltd. for a total cost not to exceed \$ 2,592,188, plus a 10% contract contingency, plus HST as they are the lowest bidder meeting TRCA's specifications.

Although impact to the public is expected to be minimal (as all work will be completed by barge), notice of project commencement will be communicated to the Councillor's office, the public, local boating facilities and all other stakeholders at least two weeks in advance of mobilization.

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

Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

Funding for this project is provided on a recoverable basis by the City of Toronto's Parks, Forestry & Recreation division through their High Lake Event funding, which has been supplemented by Infrastructure Canada's Disaster Mitigation and Adaptation Fund.

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Date: September 4, 2020

Attachments: 2

Attachment 1: Map of the Ashbridges Bay Park project area

Attachment 2: Photo of damaged shoreline

Attachment 3: Concept of proposed works