

Section II – Items for Executive Action

TO: Chair and Members of the Executive Committee
Friday, September 10, 2021 Meeting

FROM: Anil Wijesooriya, Director, Restoration and Infrastructure

RE: **REQUEST FOR TENDER FOR EROSION CONTROL WORKS AT 70 MAIN STREET SOUTH, CITY OF MARKHAM**
RFT No. 10036272

KEY ISSUE

Award of Request for Tender (RFT) No. 10036272 to retain a contractor to implement remedial erosion control works, including the supply of all labour, equipment and materials required for implementation. The project is located at 70 Main Street South, in the City of Markham.

RECOMMENDATION

WHEREAS Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires the implementation of erosion control works, including the relocation of an emergency access route outside of the erosion hazard limit;

AND WHEREAS TRCA solicited tenders through a publicly advertised process;

THEREFORE, LET IT BE RESOLVED THAT Request for Tender (RFT) No. 10036272 for Erosion Control Works at 70 Main Street South be awarded to R&M Construction at a total cost not to exceed \$270,879, 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 \$27,088 (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

In early 2014, the homeowners of 70 Main Street South flagged erosion related concerns to TRCA's Erosion Risk Management staff. It is believed that the erosion and slope stability concerns were a result of the July 8, 2013, severe storm event which caused widespread flooding, erosion, and slope failures throughout the Greater Toronto Area (GTA). Representative photos of the erosion can be found in **Attachment 2 – Site Photos**.

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As such, in 2015, TRCA retained Terraprobe Inc. to conduct a geotechnical investigation at the 70 Main Street South property. The geotechnical investigation results indicated that the main dwelling is located a safe distance to be impacted from the slope instability. Despite risk to the home being low, the driveway is located within the erosion hazard which is the emergency access route to the dwelling. Given the risk to the driveway, Terraprobe Inc. proceeded to develop conceptual designs to address the erosion issue and associated risk.

A Class Environmental Assessment for Remedial Flood and Erosion Control Project (Class EA) was initiated in 2018. Throughout this process, the concepts were evaluated, and it was determined that the preferred remedial solution was "Concept 2: Tableland Improvements and Continual Monitoring." The preferred alternative involves the realignment of the driveway at 70 Main Street South, restoration of the erosion scour near the slope crest, and continual monitoring. In late 2019, TRCA retained GEI Consultants Inc. (formerly Mooney Metaxas Engineering Inc.) to develop detailed designs for the 70 Main Street South property based on the preferred concept. The proposed detailed design includes the relocation of the driveway outside of the erosion hazard, construction of an armourstone retaining wall, construction of a concrete toe wall, implementation of drainage improvements, and tableland restoration.

TRCA has negotiated contribution requirements with the landowners as per *TRCA's Private Landowner Contribution Policy for Erosion Control Works (2017)*. TRCA will execute an Erosion Control Agreement (ECA) with the landowners prior to implementation of the project.

RATIONALE

A Request for Tender was publicly advertised on the public procurement website www.biddingo.com on July 16, 2021 and closed on August 6, 2021 at 12:00 pm. A mandatory bidder's meeting and site tour was held on July 27, 2021. A total of seven (7) individuals registered at the bidder's meeting. The bidder's meeting was facilitated in accordance with the procedures of Incident Management System during the COVID-19 pandemic.

One (1) addendum was issued on July 29, 2021 to respond to questions received.

A total of twelve (12) contractors were noted as 'full document takers' on Biddingo for the RFT documents and three (3) digital tender submissions were received via www.biddingo.com from the following Proponent(s):

- Loc-Pave Construction
- Metric Contracting Services Corporation
- R&M Construction

The Procurement Opening Committee opened the tenders on August 6, 2021 at 12:01 pm with the following results:

| Proponent | Fee (Excl. HST) |
|---|-----------------|
| R&M Construction | \$270,879 |
| Loc-Pave Construction | \$282,798 |
| Metric Contracting Services Corporation | \$302,429 |

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The tender from Metric Contracting Services Corporation was disqualified because they did not include mandatory documentation components within their tender submission.

Staff reviewed the bid received from 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. 10036272 be awarded to R&M Construction at a total cost not to exceed \$270,879, plus 10% contingency, plus applicable taxes, with 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 2 – Manage our regional water resources for current and future generations

FINANCIAL DETAILS

Funds for the contract are allocated from TRCA's York Region erosion funding under the main account of 189-84. The cost of executing this contract, including all staff time and associated costs to manage the project, is being tracked under account 189-27.

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Date: August 6, 2021

Attachments: 3

Attachment 1: Map of Project Location

Attachment 2: Orthophoto of Project Location

Attachment 3: Site Photos