

Item 8.5.

Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Meeting #6/19, Friday, July 05, 2019

FROM: Moranne McDonnell, Director, Restoration and Infrastructure

RE: **REQUEST FOR TENDER FOR TRUCKING AND DISPOSAL OF CITY OF TORONTO STORMWATER MANAGEMENT POND (SWMP) DREDGEATE**
RFT No. 10020873

KEY ISSUE

Award of Request for Tender (RFT) No. 10020873 for the hauling and disposal of dredgeate from eight stormwater management ponds (SWMPs) throughout the City of Toronto on behalf of Toronto Water.

RECOMMENDATION

WHEREAS Toronto and Region Conservation Authority (TRCA) successfully completed seven stormwater management pond (SWMP) maintenance projects on behalf of Toronto Water between 2013 and 2016;

AND WHEREAS TRCA entered into a contract (19TW-CTS-1OCWD) with Toronto Water in 2019 to complete an additional eight SWMP maintenance projects over 2019 and 2020;

AND WHEREAS TRCA solicited tenders through a publicly advertised process for the hauling and disposal of dredgeate resulting from the implementation of the eight SWMP maintenance projects;

THEREFORE THE EXECUTIVE COMMITTEE RECOMMENDS THAT Request for Tender (RFT) No. 10020873 for the hauling and disposal of industrial/commercial SWMP dredgeate be awarded to Ground Force Environmental Inc. at a total cost not to exceed \$819,467.00, 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 \$122,920.05 (approximately 15% 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.

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BACKGROUND

In 2013, the City of Toronto's Toronto Water Division approached TRCA to assist with the management of the City's stormwater management ponds (SWMPs). At Authority Meeting #7/13, held on September 27, 2013, Resolution #A141/13 approved the TRCA partnership with the City of Toronto for the maintenance of the seven identified SWMPs as follows:

THAT approval be granted for Toronto and Region Conservation Authority (TRCA) to enter into a partnership with the City of Toronto for the delivery of a stormwater management pond maintenance and clean-out program;

Following successful completion of the first seven SWMP maintenance projects, Toronto Water retained TRCA to prepare, complete and deliver to the City, maintenance plans for an additional ten (10) SWMPs, which was completed by the TRCA in August 2018.

Of the 10 SWMP maintenance plans prepared by TRCA, eight SWMPs were recommended by Toronto Water for maintenance. On March 21, 2019, Toronto Water and TRCA entered into an agreement (Contract #19TW-CTS-1OCWD) for the maintenance of eight SWMPs identified as:

1. SCWP053 – Willowlea Park
2. ETWP002 – Wincott Park Wetland
3. TOWP001 – Greenwood Pond
4. SCWP042 – Intracorp Pond
5. ETWP014D – Ellis Ave. & Colborne Lodge Dr. (W11) Wetland
6. SCWP055 – Greywood South Bridlewood Pond
7. SCWP056 – Greywood South Pinemeadow Pond
8. SCWP041 – Tapscott Industrial Pond

Toronto Water currently manages, operates and maintains dozens of SWMPs including wet ponds, treatment wetlands and dry ponds. The accumulation of sediment in these SWMPs are adversely impacting design performance, requiring maintenance primarily involving dredging to restore functionality. Their performance is related to sediment accumulation and available water storage, which is critical to the retention and treatment of stormwater that protects the surrounding areas from localized flooding and improves downstream water quality.

As part of the scope of work for these eight maintenance projects, the sediment accumulated in each pond will be dredged, stockpiled and mixed with a solidification reagent. Once the character of the sediment becomes like that of wet cement, it is loaded into tri-axles for off-site hauling to an appropriate disposal facility.

TRCA has over 38 years of experience in the planning, design, construction, maintenance and monitoring of restoration projects that include streams, wetlands and storm ponds. TRCA is ideally suited to carry out SWMP maintenance for municipal partners within sensitive areas because of the full range of services offered internally: design, approvals, survey, public consultation, implementation and site restoration, assessments and monitoring.

The eight SWMPs vary in location, type (wet pond / treatment wetlands), drainage area and watershed they service, sediment accumulation and type of control (quantity control/quality control) they provide.

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TRCA estimates that there is an accumulation of up to 5,970 m³ of sediment to be removed in order to restore the eight SWMPs to their original design specifications.

RATIONALE

Request for Tender (RFT) #10020873 was publicly advertised on the electronic procurement website Biddingo.com on June 7th, 2019 for the haulage and disposal of dredged sediment from the eight SWMPs. The document was downloaded for review by 20 contractors. One addendum was issued on June 18, 2019.

As a condition of the RFT, only bidders that operate under a Ministry of the Environment Conservation and Parks (MECP) Environmental Compliance Approval (ECA) were considered to undertake the trucking and disposal of the sediment.

Tenders were received on June 21, 2019 and formally opened by TRCA staff (Danielle Dellandrea and Anita Geier) on the same day with the following results:

Proponent	Fee (Plus HST)
Ground Force Environmental Inc.	\$819,467.00
Salandria Ltd.	\$830,969.20

Two (2) bids were received, with Ground Force Environmental Inc. being the lowest bid that meets the requirements and deliverables as outlined in the RFT documents. Ground Force Environmental Inc. is capable of undertaking the work and has completed similar projects for TRCA in the recent years with excellent results.

Based on the bids received, staff recommends that Ground Force Environmental Inc. be awarded Contract # 10020873 for the disposal of SWMP dredgeate for eight SWMPs in the City of Toronto, for a total cost not to exceed \$819,467.00, plus a 15% contingency of \$122,920.05 to be expended as authorized by TRCA staff, plus HST, it being the lowest bid meeting TRCA RFT 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 Water Resources for Current and Future Generations

Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

The cost of Contract #10020873 is 100% recoverable from the City of Toronto, within account 113-20.

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