

Contract Award of Ariba Doc No. Doc2666227009 to Maple Reinders Constructors Ltd. For Rehabilitation and Upgrades of Seven (7) Pumping Stations

Date: March 2, 2021

To: Infrastructure and Environment Committee

From: General Manager, Toronto Water and Chief Procurement Officer, Purchasing & Materials Management Division

Wards: 3 and 4

SUMMARY

The purpose of this report is to advise of the results of Request for Tenders (RFT) Ariba Document Number Doc2666227009 issued for Contract Number 19-TW-CTS-21CWD issued for the Rehabilitation and Upgrades of Seven (7) Sewage Pumping Stations in various locations, in accordance with specifications as required by Toronto Water, and to request the authority to award the contract to Maple Reinders Constructors Ltd., in the amount of \$26,546,800 net of all applicable taxes and charges (\$27,014,024 net of HST recoveries).

RECOMMENDATIONS

The General Manager of Toronto Water and Chief Procurement Officer recommend that:

1. The Infrastructure and Environment Committee, in accordance with Section 195-8.4 of Toronto Municipal Code Chapter 195 (Purchasing By-Law), grant authority to award Contract 19-TW-CTS-21CWD, Tender Call Doc2666227009 for Rehabilitation and Upgrade of Seven (7) Sewage Pumping Stations, in the amount of \$26,546,800 net of all taxes (\$27,014,024 net of HST recoveries) to Maple Reinders Constructors Ltd., having submitted the lowest compliant bid and meeting the specifications in conformance with the Request for Tender requirements.

FINANCIAL IMPACT

The total amount to award Construction Contract 19TW-CTS-21CWD, Rehabilitation and Upgrades of Seven (7) Sewage Pumping Stations in various locations identified in this report is \$29,997,884 including all applicable taxes, and charges. The total cost to the City is \$27,014,024 net of HST recoveries. The awarded amount includes a contingency allowance of \$1,800,000 on the base scope of work to cover contingencies and/or additional work or services under the construction contract to address any unforeseen conditions which may arise during construction and is consistent with City practice.

Funding is available in the 2021 Approved Capital Budget and 2021 - 2030 Approved Capital Plan for Toronto Water in the Account No. CWW476, Pumping Station Upgrades. The forecast for the project is shown in Table 1 below (net of HST recoveries).

Table 1- Financial Impact Summary of Recommended Contract (net of HST Recoveries)

WBS Element & Program Area	2021	2022	2023	2024	2025	Total (net HST Recoveries)
CWW476 Pumping Station Upgrades	\$3,150,000	\$6,567,000	\$9,250,000	\$7,064,000	\$983,024	\$27,014,024

The Chief Financial Officer and Treasurer has received this report and agrees with the financial impact information.

DECISION HISTORY

At its meeting on June 1, 2016, Bid Committee granted authority to award an engineering consultant services agreement to WSP Canada Inc. for the provision of engineering services (design, contract administration and post-construction) for the Rehabilitation and Upgrade of Seven (7) Sewage pumping Stations Request for Proposal No. 9117-16-7016, for a total award value of \$2,302,708.00 (net of all taxes).

The following is a link to the Bid Committee approval:

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.BD85.2>

COMMENTS

Background

1. Infrastructure Overview

The sewage pumping stations (SPS) are part of a complex system, transferring the sewage from the sewer collection systems to Toronto's wastewater treatment plants for treatment. Currently, there are 67 sewage pumping stations, 8 combined pumping stations, and 12 stormwater stations. There are 60 pumping stations included in the rehabilitation program. To date, 37 pumping stations have been completed, 18 pumping stations are part of existing projects that are either in the design or construction phase of completion and the remaining 5 pumping stations are to be included as part of future projects.

2. Program Drivers

The focus for the 10-year capital plan for the Pumping Station and Forcemain program is to maintain a state of good repair, ensure compliance with health and safety and legislative requirements, and undertake service improvements.

3. Pumping Station and Forcemain 2021-2030 Capital Plan

As part of Toronto Water's approved 2021 to 2030 Capital Plan, the Division plans to spend \$108.4 million over the next five-year period and an additional \$65.6 million over the following five-year period for a total of \$174 million as shown in Table 2 below.

Table 2- Projected Cash Flows - Pumping Station and Forcemain

Project Name	Cash Flow 2021-2025 (\$ million)	Cash Flow 2026 - 2030 (\$ million)	Total 2021-2030 (\$ million)
Pumping Stations	86.2	34.3	120.5
Forcemain Replacements	22.2	31.3	53.5
Total	108.4	65.6	174.0

The Rehabilitation and Upgrade of Seven (7) Sewage Pumping Station (SPS G6) is one of several sub-projects listed under the Pumping Stations.

The scope of work under Contract No.19TW-CTS-21CWD, Rehabilitation and Upgrades of Seven (7) Sewage Pumping Stations in various locations, includes but is not limited to the replacement of existing pumps with dry submersibles equipped with Variable Frequency Drives (VFD), valves, piping, plumbing, Back Flow Preventers (BFP), upgrade of existing water service to 2", Motor Control Centres (MCC), control system including: Remote Processing Unit (RPU), Operator Interface Terminal (OIT), Supervisory Control and Data Acquisition (SCADA) etc., electrical feeders, transformers and pump starters, replacement and/or installation of grinders, ventilation and dehumidification systems, standby generators, fire and security systems, interior and exterior lighting, stairs, existing lifting equipment, building envelop assessment including needed structural repairs, roof remediation, painting and minor architectural repairs.

4. Contract Award for Request for Tenders Number Doc2666227009

RFT Ariba Document Number Doc2666227009, Contract No. 19TW-CTS-21CWD, Rehabilitation and Upgrades of Seven (7) Sewage Pumping Stations was issued by the Purchasing & Materials Management Division (PMMD) and was advertised on both the City's Internet and Ariba Discovery websites on October 30, 2020. Five (5) addenda to the RFT were issued.

Three (3) bids were received by PMMD by the December 21, 2020, closing as listed in Table 3:

Table 3- Summary of Bids received for RFT Doc2666227009 including bid price

Bidders	Bid Price Including HST*
Maple Reinders Constructors Ltd.	\$27,963,884.00*
Bennett Mechanical Installations (2001) Ltd.	\$31,403,491.00
Alberici Constructors Ltd.	\$41,723,038.59

* Pursuant to the Request for Tenders document the contract award price includes contingency. Bid prices do not include contingency

The Tender documents submitted by the recommended bidder have been reviewed by the General Manager of Toronto Water and found to be in conformance with the Tender requirements.

Toronto Water staff and our consultant have compared the bid to the estimated cost and found the price of the recommended bidder to be reasonable.

The Fair Wage Office has reported that the recommended firm has indicated it has reviewed and understands the Fair Wage Policy and Labour Tests requirements and has agreed to comply fully.

The Tender submission from Maple Reinders for Contract No. 19TW-CTS-21CWD, Ariba Document No. 2666227009 includes their agreement to complete the works within a time of 150 weeks from the date of the written Order to Commence.

CONTACT

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SIGNATURE

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