

Award of Doc5528279713 to Bennett Mechanical Installations (2001) Ltd. for Humber Treatment Plant Aeration Blower System Upgrades

Date: July 3, 2026

To: General Government Committee

From: Chief Engineer and Executive Director, Engineering and Construction Services, and Chief Procurement Officer

Wards: Ward 3 (Etobicoke Lakeshore)

SUMMARY

The purpose of this report is to advise of the results of Request for Tender Doc5528279713, Contract Number 25ECS-MI-02HU, for the Humber Treatment Plant Aeration Blower System Upgrades, and to request authority to enter an agreement with Bennett Mechanical Installations (2001) Ltd., in the amount of \$76,108,455 net of all applicable taxes and charges (\$77,447,964 net of Harmonized Sales Tax recoveries), all in accordance with the terms, conditions, and specifications contained in the Request for Tender documents.

The Humber Treatment Plant Aeration Blowers System Upgrades construction is expected to commence in the Third Quarter of 2026 and is projected to be completed in the First Quarter of 2030.

RECOMMENDATIONS

The Chief Engineer and Executive Director, Engineering and Construction Services and the Chief Procurement Officer, recommend that:

1. The General Government Committee, in accordance with Section 195-8.4.A of the Toronto Municipal Code Chapter 195 (Procurement By-Law), grant authority to the Chief Engineer and Executive Director, Engineering and Construction Services to award and enter into an agreement with Bennett Mechanical Installations (2001) Ltd., having submitted the lowest compliant bid and meeting the requirements of Request for Tender Doc5528279713, Contract Number 25ECS-MI-02HU, for the Humber Treatment Plant

Aeration Blower System Upgrades, in the amount of \$76,108,455 net of all applicable taxes and charges (\$77,447,964 net of Harmonized Sales Tax recoveries).

FINANCIAL IMPACT

The total value of the contract award for Doc5528279713, Contract Number 25ECS-MI-02HU is \$76,108,455 net of all applicable taxes and charges. The total cost to the City is \$77,447,964 including contingency, provisional sums and cash allowance, net of Harmonized Sales Tax recoveries. The contingency allowance will be allocated and added into the contract as and when required to address any unforeseen changes which may arise during the construction stage of the project.

Funding for this contract is available in Toronto Water's 2026 Capital Budget and 2027-2035 Capital Plan under WBS Element CWW037-14 (Blower Replacement). Funding details with forecasted expenditures (net of Harmonized Sales Tax recoveries) are summarized in Table 1:

Table 1: Financial Impact Summary of Recommended Contract Award

WBS Element	2026	2027	2028	2029	2030	2031	2032	Total (Net of Harmonized Sales Tax recoveries)
CWW037-14 (Blower replacement)	\$1,000,000	\$12,000,000	\$14,000,000	\$14,000,000	\$14,000,000	\$14,000,000	\$8,447,964	\$77,447,964

The Chief Financial Office and Treasurer has reviewed this report and agrees with the financial impact information.

DECISION HISTORY

Professional Engineering Services:

At its meeting on May 25, 2022, the Bid Award Panel granted authority to enter into an agreement with GHD Limited, through a competitive selection process, for the Provision of Engineering Services for the Design, Construction Administration, and Post-Construction Services for the Aeration Blower System Upgrades at the Humber Treatment Plant, being the highest scoring proponent meeting the requirements of Request for Proposal Doc3234668279, Contract RFP-21ECS-01HU, in the amount of \$12,703,574 net of all applicable taxes and charges (\$12,927,157 net of Harmonized Sales Tax recoveries). The total award value was made up of three Purchase Orders: one for design, one for services during construction, and one for post-construction services. The Bid Award Panel Decision Document can be found at:

<https://secure.toronto.ca/council/agenda-item.do?item=2022.BA189.1>

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COMMENTS

Background

The Humber Treatment Plant is one of four wastewater treatment plants operated by the City of Toronto under the responsibility of the Wastewater Treatment section of Toronto Water. It is located at 130 The Queensway, services a population of approximately 686,000 (Etobicoke, York, a portion of the west end of North York, and Toronto), and operates on a 24/7 basis. The facility has a capacity of 473,000 cubic metres of wastewater per day.

In wastewater treatment, a liquid train refers to the sequence of unit operations and processes designed to treat the liquid portion of sanitary sewage. The Humber Treatment Plant has two separate liquid trains, the North Plant and South Plant. Both the North and the South Plant utilize aeration blowers as part of the secondary treatment process.

In 2017, through a Request for Quotation, the City retained CIMA+ Canada Inc. (CIMA) to conduct an engineering study to fully assess the existing aeration blower equipment/systems and the Plant's process air demands, and to provide replacement or upgrade recommendations. CIMA recommended replacement of the existing aeration blowers and associated systems/equipment for both the North and South Plant. CIMA also recommended structural, architectural, building mechanical, and electrical upgrades for the North and South Blower buildings.

In 2022, through a Request for Proposal, the City retained GHD Limited to undertake the Preliminary Design, Detailed Design, Construction Administration, and Post-Construction Services for the implementation of CIMA's recommendation. The design phase was initiated in June 2022 and was completed in November 2025. The scope of work for the Aeration Blower System Upgrades generally includes the following:

- Replacement of aeration blowers, including associated process piping and valves, controls and instrumentation, and electrical power distribution systems for both the North and South Plants.
- Replacement of the North Substation electrical distribution system including 5kV and 600V switchgear and Motor Control Centres.
- Installation of a temporary aeration blower system to provide process air for the North and South Plants during construction while the new aeration blower systems are being installed.
- Modifications and upgrades to existing HVAC systems in the North and South Blower Buildings to facilitate operation of the new aeration blowers.
- Structural and architectural improvements to the North and South Blower Buildings.

Prequalification of General Contractors

Due to the complex nature of the construction contract, the City pre-qualified the General Contractors by requesting that they demonstrate experience in successfully delivering projects of a similar scope and complexity.

Request for Supplier Qualifications Doc5225091436, RFSQ-25ECS-MI-04HU, was issued by the Purchasing and Materials Management Division on July 24, 2025. The following three (3) General Contracting firms met the minimum technical threshold outlined in the Request for Supplier Qualifications and pre-qualified to bid on the subsequent Request for Tender:

- Alberici Constructors Ltd.
- Bennett Mechanical Installations (2001) Ltd.
- Pomerleau Inc.

Award of Request for Tender Doc5528279713

Request for Tender Doc5528279713, Contract Number 25ECS-MI-02HU, for Humber Treatment Plant Aeration Blower System Upgrades, was issued by the Purchasing and Materials Management Division and advertised on both the City's and Ariba Discovery websites on February 2, 2026 with a closing date of May 22, 2026 and an insurance of 16 addenda. A total of two (2) Suppliers responded as listed in Table 2 below:

Table 2: Summary of Bids Received Including Bid Price

Supplier Name	Bid Price Excluding Harmonized Sales Tax
Bennett Mechanical Installations (2001) Ltd.	\$67,797,000.00
Pomerleau Inc.	\$80,152,115.80

*Pursuant to the Request for Tender document the contract award value includes contingency.

The bids were reviewed for compliance by staff from the Purchasing and Materials Management Division and the Engineering and Construction Services Division and were found to be in conformance with the Tender requirements. The lowest compliant bid meeting requirements of the solicitation for Contract Number 25ECS-MI-02HU is Bennett Mechanical Installations (2001) Ltd.

The Engineering and Construction Services Division staff compared the bid to the engineering estimate. The bid price of the recommended supplier is in the amount of \$67,797,000 net of all applicable taxes and charges. This is approximately 12 percent lower than the engineering estimate of \$77,270,383 net of all applicable taxes and charges and excluding contingency.

The total contract price, including contingency allowance, is \$76,108,455 net of all applicable taxes and charges (\$77,447,964 net of Harmonized Sales Tax recoveries). The Tender submission from Bennett Mechanical Installations (2001) Ltd. for Doc5528279713, includes their agreement to complete the works within 191 weeks from the date that the written order to commence work is issued by the City.

The Fair Wage Office reported that the recommended supplier has indicated they have reviewed and understand the Fair Wage Policy and Labour Trades requirements and the recommended supplier has agreed to comply fully.

CONTACT

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SIGNATURE

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Geneviève Sharkey
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