

Award of Doc5308010518 to Stantec Consulting Ltd. for Professional Services for Design, Contract Administration and Post Construction Services for the High Rate Treatment Facility at Ashbridges Bay Treatment Plant

Date: April 23, 2026

To: General Government Committee

From: Chief Engineer and Executive Director, Engineering and Construction Services,
General Manager, Toronto Water and Chief Procurement Officer

Wards: 14 (Toronto Danforth)

SUMMARY

The purpose of this report is to advise of the results of Request for Proposal Doc5308010518, Contract Number RFP-25ECS-MI-02AB, for Professional Services for Design, Contract Administration and Post Construction Services for the High Rate Treatment Facility at Ashbridges Bay Treatment Plant.

Authority is being requested to reallocate project costs and cash flows within Toronto Water's 2026 Capital Budget and 2027-2035 Capital Plan in the amount of \$6,311,273 net of all applicable taxes and charges (\$6,422,352 net of Harmonized Sales Tax recoveries) from projects that have been completed under budget.

Authority is also being requested to enter into an agreement with Stantec Consulting Ltd., for a period of thirteen (13) years, with an option to extend the agreement on the same terms and conditions for an additional term of up to two (2) years from the date of award in the amount of \$69,935,240 net of all applicable taxes and charges (\$71,166,100 net of Harmonized Sales Tax recoveries).

This contract supports the implementation of the Wet Weather Flow Master Plan and timelines will be aligned with other Wet Weather Flow Master Plan projects.

RECOMMENDATIONS

The Chief Engineer and Executive Director, Engineering and Construction Services, the

General Manager, Toronto Water and the Chief Procurement Officer, Purchasing and Materials Management recommend that:

1. City Council authorize the reallocation of project costs and cash flows within Toronto Water's 2026 Capital Budget and 2027-2035 Capital Plan in the total amount of \$6,422,352 net of Harmonized Sales Tax recoveries from projects with sub-projects which have been completed under budget, as presented in Table 2 of the Financial Impact Statement, with zero Budget impact to Toronto Water.
2. City Council, in accordance with Section 195-8.5.B 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 Stantec Consulting Ltd., having submitted the highest scoring proposal meeting the requirements of the Request for Proposal Doc5308010518, Contract Number RFP-25ECS-MI-02AB, to provide Professional Services for Design, Contract Administration and Post Construction Services for the High Rate Treatment Facility at the Ashbridges Bay Treatment Plant in the amount of \$69,935,240 net of all applicable taxes and charges (\$71,166,100 net of Harmonized Sales Tax recoveries). The agreement is to be in accordance with the terms and conditions as set out in the Request for Proposal and any other terms and conditions satisfactory to the Chief Engineer and Executive Director, Engineering and Construction Services, in a form satisfactory to the City Solicitor.

FINANCIAL IMPACT

The total value of the contract award is \$69,935,240 net of all applicable taxes and charges. The total cost to the City is \$71,166,100 including contingency and provisional sums and net of Harmonized Sales Tax recoveries.

Funding details with forecasted expenditures (net of Harmonized Sales Tax recoveries) are summarized in Table 1 below.

Table 1: Financial Impact Summary of Recommended Contract Award

WSB Element	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035*	Total (Net of Harmonized Sales Tax Recoveries)
CWW480-10	1,175,000	8,081,000	5,993,352	9,348,000	13,191,000	6,000,000	6,000,000	6,400,000	6,400,000	8,577,748	71,166,100

*Cashflows currently forecast for 2035 to 2038 are shown within 2035 to align with the current term for the 10-year Capital plan.

Currently, there is insufficient funding in Toronto Water's 2026 Capital Budget and 2027-2035 Capital Plan to support the award of Doc5308010518. Additional funding is required to accommodate costs that are shown in Table 1 above.

The approval of Recommendation 1 will authorize the reallocation of funding for additional project costs to support Doc5308010518 as outlined in Table 2 below. The additional costs for the award will be offset from funds available within the Water Service Replacement Program (CPW544-03), the Rosehill Reservoir project (CPW060-08), the Watermain Replacement Program (CPW542-23), the Sewer Replacement (CWW472-24) and the SWM Conveyance 2017 Project (CWW447-15). Projects and/or subprojects within these accounts have been completed under budget and as a result, funds are available for reallocation.

Table 2: Budget Adjustment Reallocations (net of Harmonized Sales Tax Recoveries)

Program Area	Account Number	2026 Proposed Reallocation	2027 Proposed Reallocation	2028 Proposed Reallocation	2029 Proposed Reallocation	Total Reallocation
Wet Weather Flow	CWW480-10 (DCW – HRT – Engineering)		\$3,081,000	\$993,352.00	\$2,348,000	\$6,422,352
Water Service Replacement	CPW544-03 (Water Service Repair – Lead Program)		-\$666,000.00	-\$993,352.00	-\$2,348,000.00	-\$4,007,352.00
Sewer Replacement	CWW472-24 (SEWER REPLC - 2022-2023 PROGRAM)		-\$360,000.00			-\$360,000.00
Water Treatment and Supply – Storage and Pumping Stations	CPW060-08 (Rosehill Reservoir)		-\$433,000.00			-\$433,000.00
Watermain Replacement	CPW542-23 (Dist W/M Replacement – 2018)		-\$1,120,000.00			-\$1,120,000.00
Wet Weather Flow	CWW447-15 (SWM Conveyance 2017)		-\$502,000.00			-\$502,000.00
Total		\$0	\$0	\$0	\$0	\$0

Subject to approval of the reallocation of funding outlined in Table 2, sufficient overall project costs required to support the award of Doc5308010518 will be included in Toronto Water's 2026 Capital Budget and 2027-2035 Capital Plan under CWW480-10-01. Toronto Water will realign annual cashflows with forecasted expenditures through future budget processes, as necessary, based on project progress.

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

DECISION HISTORY

On September 22 – 25, 2003, City Council adopted the "Wet Weather Flow Management Master Plan and Wet Weather Flow Management Policy". The decision can be viewed at: <https://www.toronto.ca/legdocs/2003/agendas/council/cc030922/cofa.pdf>

On September 21, 2011, City Council adopted the recommendations contained in the "Wet Weather Flow Master Plan and Basement Flooding Protection Program Update Report" (August 12, 2011) from the General Manager Toronto Water. City Council also requested the General Manager, Toronto Water, finalize the Environmental Study Report for the Don River and Central Waterfront Class EA and, subject to approval by the Ontario Ministry of the Environment, proceed to undertake the detailed design of the first phase of the Project, which represents the twinning of the Coxwell Sanitary Trunk Sewer and associated pumping station (the Integrated Pumping Station). The decision can be viewed at: <http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2011.PW7.6>

Ashbridges Bay Treatment Plant Landform

On April 10 and 11, 2012, City Council adopted recommendations contained in the "Waterfront Landforms Study" report from the General Manager, Toronto Water. Recommendations included entering a joint initiative with the Toronto and Region Conservation Authority to develop the Ashbridges Bay Treatment Plant Landform for the construction of a combined sewer overflow high-rate treatment facility and sediment control measures/shoreline protection. The decision can be viewed at: <http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2012.PW13.2>

On June 10, 2014, City Council authorized the finalization of the Environmental Study Report and issuance of a Notice of Study Completion for the Ashbridges Bay Erosion and Sediment Control Class Environmental Assessment. City Council also authorized the General Manager, Toronto Water, to undertake the detailed design of the Ashbridges Bay Treatment Plant Landform Project as a joint initiative to be led by the Toronto and Region Conservation Authority. The decision can be viewed at: <http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2014.PW31.15>

On April 16 and 17, 2019, City Council authorized the construction of the Ashbridges Bay Landform in accordance with the detailed design completed by the Toronto and Region Conservation Authority in 2018. The decision can be viewed at: <http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2019.IE3.5>

Coxwell Bypass Tunnel

On March 4, 2014, the Public Works & Infrastructure Committee granted authority to award Request for Proposals No. 9117-13-7210 for Professional Engineering Services for the Design and Construction Administration of the Wet Weather Flow System to Control Combined Sewer Overflow (CSO) Discharges to the Don River and Central Waterfront,

including the Coxwell Sanitary Trunk Sewer Bypass Tunnel, to Black & Veatch Canada Company. The decision can be viewed at:

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2014.PW29.5>

On February 27, 2018, the Public Works and Infrastructure Committee granted authority to award Tender Call 221-2017, Contract No. 17ECS-MI-04DC for the Construction of the Coxwell Bypass Tunnel from the Ashbridges Bay Treatment Plant to Coxwell Ravine Park to North Tunnel Constructors ULC. The decision can be viewed at:

<https://secure.toronto.ca/council/agenda-item.do?item=2018.PW27.2>

Integrated Pumping Station

On October 7, 2015, the Public Works and Infrastructure Committee granted authority to award Request for Proposal No. 9117-15-7122 for Engineering Services for Detailed Design, Services During Construction, and Post-Construction Services for the Integrated Pumping Station at the Ashbridges Bay Treatment Plant to Black & Veatch Canada Company. The decision can be viewed at:

<https://secure.toronto.ca/council/agenda-item.do?item=2015.PW8.5>

On January 19, 2018, the Public Works and Infrastructure Committee granted authority to award Tender Call 200-2017, Contract No. 17ECS-MI-03DC for the Integrated Pumping Station – Site Preparation (Construction Contract 1) at Ashbridges Treatment Plant to Kenaidan Contracting Ltd. The decision can be viewed at:

<https://secure.toronto.ca/council/agenda-item.do?item=2018.PW26.2>

On August 14, 2019, Bid Award Panel granted authority to award Tender Document Number 1722208722, Contract No. 18ECS-MI-01DC for the Integrated Pumping Station - Construction Contract 2 at Ashbridges Treatment Plant to STRABAG Inc. The decision can be viewed at: <https://secure.toronto.ca/council/agenda-item.do?item=2019.BA39.5>

On December 8, 2025, General Government Committee granted authority to award Request for Tender Doc5223316418, Contract Number 25ECS-MI-01MPS, for Ashbridges Bay Treatment Plant Integrated Pumping Station Construction Contract 3 - Quick Start to Alberici Constructors Ltd. The decision can be viewed at:

<https://secure.toronto.ca/council/agenda-item.do?item=2025.GG26.13>

Inner Harbour West Tunnel

On August 26, 2020, Bid Award Panel granted authority to award Ariba Doc. No. 2377650014 for Professional Engineering Services for Design and Construction of the Inner Harbour West CSO Tunnel Project to Hatch Ltd. The decision can be viewed at:

<https://secure.toronto.ca/council/agenda-item.do?item=2020.BA98.6>

COMMENTS

Background

In 2003, Council adopted the Wet Weather Flow Master Plan which provides planning for many initiatives to reduce the adverse impacts of stormwater (rain and melted snow) on the City's environment within a multi-year implementation horizon. Key objectives of the Wet Weather Flow Master Plan include improving water quality along the waterfront, beaches and watercourses, protection of vulnerable City sewer and water infrastructure from erosion and reducing the risk of flooding to private and City properties during extreme wet weather. The Wet Weather Flow Master Plan recommendations and resulting projects will significantly enhance Ashbridges Bay Treatment Plant's ability to manage peak flows during wet weather events.

Implementation of the Wet Weather Flow Master Plan involves construction of the Don River and Central Waterfront Tunnel System, a 22 km tunnel system (three integrated tunnels) running along the Lower Don River, Taylor-Massey Creek and Toronto's Inner Harbour, 12 wet weather flow storage shafts, 27 connection points, and a real-time control system. Also included is a multi-purpose Integrated Pumping Station ("IPS") at the Ashbridges Bay Treatment Plant that will convey flows from the tunnel system to the new High-Rate Treatment ("HRT") Facility (refer to Attachment 1).

The HRT Facility is to be built on the Landform that was constructed in Lake Ontario adjacent to the Ashbridges Bay Treatment Plant and will discharge to the new plant outfall. The HRT will provide an operating capacity of up to 600 megalitres per day to treat wet weather flows captured in the Don River and Central Waterfront Tunnel System.

Design and construction of the HRT Facility will be aligned with the completion of the IPS and tunnel system to complete major key objectives of the Wet Weather Flow Master Plan.

Procurement Process

A Request for Proposal Doc5308010518, Contract Number RFP- 25ECS-MI-02AB, for Professional Services for Design, Contract Administration and Post Construction Services for the High Rate Treatment Facility at Ashbridges Bay Treatment Plant was issued by Purchasing and Materials Management Division and was advertised on both the City's and Ariba Discovery websites on August 29, 2025, with a closing date of December 5, 2025, and an issuance of 7 addenda.

A total of four (4) proposal submissions were received by the closing date from the following Suppliers:

1. AECOM Canada ULC
2. CDM Smith Canada ULC
3. Stantec Consulting Ltd.
4. WSP Canada Inc.

The evaluation process consisted of three stages:

- Stage 1: Mandatory Submission Requirements
- Stage 2: Mandatory Technical Requirements and Rated Evaluations
- Stage 3: Cost of Services and Rankings

The Request for Proposals was structured as a "two-envelope" submission model that included a detailed Technical Proposal (Envelope 1) and a separate sealed envelope with a Cost of Services Proposal (Envelope 2). The selection process stipulated that the envelopes containing the Cost of Services Proposals would not be opened until the evaluation of the Technical Proposals had been completed.

All Suppliers complied with the mandatory submission requirements, and their Technical Proposals were evaluated by a formal selection committee comprised of five (5) City staff from Engineering and Construction Services and Toronto Water based on the criteria set out in the Request for Proposal. A maximum of 85 points were allocated for the Technical Proposal and 15 points for the Cost of Services Proposal. A minimum threshold technical score of 75% (63.75 points) was required to proceed in having the Cost of Services Proposal envelope opened and evaluated.

Of the four (4) submissions, the selection committee found two (2) of the four (4) proposals did not meet the minimum technical threshold and two (2) of the proposals successfully passed the Technical Proposal requirements, which allowed their Cost of Services Proposal envelopes to be opened. The Total Score was the sum of the Technical Proposal and Cost of Services scores, and the Supplier with the highest overall Total Score was ranked first.

On completion of the above process, the selection committee concluded that the proposal submitted by Stantec Consulting Ltd., was ranked first with the highest overall total score meeting the requirements of the Request for Proposal. The Supplier's scores and staff analysis of the evaluation results can be provided to Councilors in an in-camera presentation if requested by members of Council.

The agreement is to be in accordance with the terms and conditions as set out in the Request for Proposal and any other terms and conditions satisfactory to the Chief Engineer and Executive Director, Engineering and Construction Services, in a form satisfactory to the City Solicitor, and the services and dollar amounts set out to be executed as one (1) consulting agreement and the issuance of one (1) purchase order, in, the total amount of \$69,935,240 net of all applicable taxes and charges (\$71,166,100 net of Harmonized Sales Tax recoveries).

The Fair Wage Office has reported that the recommended Supplier has indicated it has reviewed and understands the Fair Wage Policy and Labour Trades requirements and has agreed to comply with both.

Fairness Monitoring

Lakeland Consulting Incorporated was retained through a competitive bidding process to act as a Fairness Monitor for the procurement process. The Fairness Monitor's primary role was to assess the procurement process and confirm that it was carried out in a fair, objective and transparent manner. In its report dated March 18, 2026, the Fairness Monitor concluded that, based on the procedures observed and services provided, the procurement process for Doc5308010518, Contract Number RFP-25ECS-MI-02AB, for Professional Services for Design, Contract Administration and Post Construction Services for the High Rate Treatment Facility at Ashbridges Bay Treatment Plant was conducted in a manner consistent with the principle of openness, fairness and transparency.

CONTACT

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SIGNATURE

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ATTACHMENTS

Attachment 1 – Pictures and Drawings for the High Rate Treatment Facility