

Amendment to Purchase Order 6043796 with WSP Canada Inc. and Purchase Order 6052068 with Maple Reinders Constructors Limited for Rehabilitation and Upgrades of Seven Group Six Sewage Pumping Stations at Various Locations

Date: February 23, 2026

To: General Government Committee

From: General Manager, Toronto Water and the Chief Procurement Officer

Wards: 3 (Etobicoke-Lakeshore) and 4 (Parkdale-High Park)

SUMMARY

This report is seeking authority to amend Purchase Order 6043796 issued to WSP Canada Inc., and Purchase Order 6052068 issued to Maple Reinders Constructors Limited for work awarded through Request for Tender Doc2666227009 for the Rehabilitation and Upgrade of Seven (7) Group Six (6) Sewage Pumping Station across Toronto.

The amendment for WSP Canada Inc., provides continued construction administration and site inspection services associated with an extended project schedule due to delays caused by conflicts with other projects. The total value of the requested amendment for Purchase Order 6043796 is \$1,599,436 net of all applicable taxes and charges (\$1,627,586 net of HST recoveries), revising the current value of Purchase Order 6043796 from \$2,923,091 net of all applicable taxes and charges (\$2,974,537 net of HST recoveries) to \$4,522,527 net of all applicable taxes and charges (\$4,602,123 net of HST recoveries).

The amendment for Maple Reinders is required to accommodate additional costs associated with by-pass pumping and approved additional work. The total value of the requested amendment for Purchase Order 6052068 is \$2,000,000 net of all applicable taxes and charges (\$2,035,200 net of HST recoveries), revising the current value of Purchase Order from \$27,646,800 net of all applicable taxes and charges (\$28,133,384 net of HST recoveries) to \$29,646,800 net of all taxes and charges (\$30,168,584 net of HST recoveries).

Authority is also 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

\$1,300,000 net of HST recoveries from the Sewer Replacement 2025-2026 Program due to funds available from projects experiencing delays.

RECOMMENDATIONS

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

1. City Council, in accordance with section 71-11.1.C of the City of Toronto Municipal Code Chapter 71 (Financial Control By-law), grant authority to the General Manager, Toronto Water, to amend the Purchase Order 6043796 issued to WSP Canada Inc., for additional contract administration and full-time site inspection services by increasing the overall value by \$1,599,436 net of all applicable taxes and charges (\$1,627,586 net of HST recoveries), revising the current value of Purchase Order 6043796 from \$2,923,091 net of all applicable taxes and charges (\$2,974,537 net of HST recoveries) to \$4,522,527 net of all applicable taxes and charges (\$4,602,123 net of HST recoveries).

2. City Council, in accordance with section 71-11.1.C of the City of Toronto Municipal Code Chapter 71 (Financial Control By-law), grant authority to the General Manager, Toronto Water, to amend Purchase Order 6052068 issued to Maple Reinders Constructors Limited for additional construction services by increasing the overall value by \$2,000,000 net of all applicable taxes and charges (\$2,035,200 net of HST recoveries), revising the current value of Purchase Order 6052068 from \$27,646,800 net of all applicable taxes and charges (\$28,133,384 net of HST recoveries) to \$29,646,800 net of all taxes and charges (\$30,168,584 net of HST recoveries).

3. 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 amount of \$1,300,000 net of HST recoveries from the Sewer Replacement 2025-2026 Program, as presented in Table 2 of the Financial Impact Statement, with zero Budget impact to Toronto Water.

FINANCIAL IMPACT

The total value of the requested amendment for Purchase Order Number 6043796 with WSP Canada Inc. is \$1,599,436 net of all applicable taxes and charges (\$1,627,586 net of HST recoveries).

The total value of the requested amendment for Purchase Order Number 6052068 with Maple Reinders Constructors Limited is \$2,000,000 net of all applicable taxes and charges (\$2,035,000 net of HST recoveries).

Funding details with forecasted expenditures for the above Purchase Order amendments are summarized in Table 1 below:

Table 1 - Financial Impact Summary (net of HST recoveries)

| WBS Element (Purchase Order) | Description | 2026 | 2027 | Total |
|------------------------------|------------------------|-------------|-----------|-------------|
| CWW476-05 (6043796) | SPS Upgrades - Group 6 | \$1,627,586 | \$0 | \$1,627,586 |
| CWW476-05 (6052068) | SPS Upgrades - Group 6 | \$1,500,000 | \$535,200 | \$2,035,200 |
| Total | | \$3,127,586 | \$535,200 | \$3,662,786 |

Currently, there is insufficient funding in Toronto Water's 2026 Capital Budget and 2027-2035 Capital Plan to support the Purchase Order Amendments to Purchase Orders 6043796 and 6052068. Additional funding is required to accommodate costs that are shown in Table 1 above.

The approval of Recommendation 3 will authorize the reallocation of funding for additional project costs to support the required Purchase Order Amendments as outlined in Table 2 below. The additional costs for the Purchase Order Amendments will be offset from the Sewer Replacement 2025-2026 Program. Several projects have been delayed to a 2027 start in order to accommodate additional timelines required to address complex project designs. As a result of these delays, funds are available for reallocation in 2026. The delayed projects will be rescheduled to start in future years and required project costs included as part of subsequent budget processes.

Table 2 - Reallocation of Funding to Support Purchase Order Amendments (net of HST recoveries)

| WBS Element | Description | 2026 Proposed Reallocation | Total Reallocation |
|-------------|---------------------------------------|----------------------------|--------------------|
| CWW476-05 | SPS Upgrades - Group 6 | \$1,300,000 | \$1,300,000 |
| CWW472-28 | Sewer Replacement - 2025-2026 Program | (\$1,300,000) | (\$1,300,000) |
| Total | | \$0 | \$0 |

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

DECISION HISTORY

At its meeting on June 1, 2016, the Bid Committee adopted Item Number BD85.2, authorizing the award of Request for Proposal Number 9117-16-7016 to WSP Canada Inc. for the Provision of Professional Engineering Services for the Preliminary Design, Detailed Design, Construction Administration and Post Construction Services for the Rehabilitation and Upgrade of Seven (7) Sewage Pumping Stations (Group 6) in the amount of \$2,302,708 net of all applicable taxes and charges (\$2,343,236 net of HST recoveries). The Bid Committee decision can be found at:

[Agenda Item History - 2016.BD85.2 \(toronto.ca\)](#)

At its meeting on March 23, 2021, the Infrastructure and Environment Committee adopted Item Number IE20.2 authorizing the Award of Contract 19-TW-CTS-21CWD, Tender Call Doc2666227009 to Maple Reinders Constructors Limited for Rehabilitation and Upgrades of Seven (7) Pumping Stations in the amount of \$26,546,800 net of all taxes and charges (\$27,014,024 net of HST recoveries). The Infrastructure and Environment Committee decision can be found at:

[Agenda Item History - 2021.IE20.2 \(toronto.ca\)](#)

At its meeting on February 25, 2025, the General Government Committee adopted Item Number GG19.6 authorizing the amendment to Purchase Order 6043796 issued to WSP Canada Inc., for additional contract administration and full-time site inspection services by increasing the overall value by \$1,258,123 net of all applicable taxes and charges (\$1,280,266 net of HST recoveries) and the amendment to Purchase Order 6052068 issued to Maple Reinders Constructors Limited for additional construction services by increasing the overall value by \$1,100,000 net of all applicable taxes and charges (\$1,119,360 net of HST recoveries). The General Government Committee decision can be found at:

[Agenda Item History - 2025.GG19.6 \(toronto.ca\)](#)

COMMENTS

1. Sewage Pumping Station Upgrades

Sewage pumping stations (SPS) are critical components of the City's wastewater collection system. They ensure wastewater is effectively moved through the collection system and delivered to treatment facilities. A pumping station can also be known as a lift station, as it pumps wastewater from lower to higher elevations.

A pumping station collects and stores wastewater in an underground pit equipped with electrical instrumentation to detect the level of wastewater present. When the wastewater level rises to a predetermined level, a pump is activated to push the sewage through a pressurized pipe system (force mains) to other areas of the wastewater collection system and eventually to a wastewater treatment plant.

In 2016, the City retained WSP Canada Incorporated ("WSP") to provide engineering services related to the rehabilitation and upgrade of seven (7) sewage pumping stations. Amendment to PO 6043796 with WSP Canada Inc. and PO 6052068 with Maple Reinders Constructors Limited for Group Six SPS Rehabilitation & Upgrades

referred to as Group 6. In 2021, the City executed an agreement with Maple Reinders Constructors Limited ("Maple") for the rehabilitation and upgrade of the Group 6 stations.

The seven stations included in Group 6 are: Berry Road SPS, Baby Point SPS, Humber SPS, Old Mill SPS, Kennedy SPS, High Park SPS and Warren Park SPS. The rehabilitation includes civil, structural, process, mechanical, electrical and instrumentation upgrades, as well as coordination with approval agencies and utility services at each station.

2. Amendment of Purchase Order Number 6043796 with WSP Canada Inc.

The construction phase of the Group 6 SPS Rehabilitation and Upgrades project started on April 15, 2021. The construction period was to be for 150 weeks with a completion date of April 25, 2024.

During construction, the general contractor experienced delays due to conflicts with other projects. This includes additional time required to remove the tunnel boring machine from the Basement Flooding Protection Program project at Etienne Brule Park, as well as additional time needed for the TTC's Bridge Bearing replacement work at Pier G and the East Abutment. There were also significant delays caused by Toronto Hydro in relocating and upgrading existing overhead cables and a transformer to meet their standards.

On October 30, 2024, Purchase Order 6043796 to WSP Canada Inc. was amended (POA 1) in the amount of \$491,578 increasing the overall value of the purchase order from \$1,173,390 to \$1,664,968 net of all applicable taxes and charges and to extend the delivery date of the PO from December 31, 2024 to December 31, 2026 for additional contract administration services. All other terms and conditions remained unchanged.

On February 25, 2025 the General Government Committee adopted Item Number GG19.6 authorizing the amendment to Purchase Order 6043796 issued to WSP Canada Inc. and on April 24, 2025, Purchase Order 6043796 was amended (POA 2) in the amount of \$1,258,123 increasing the overall value of the purchase order from \$1,664,968 to its current value of \$2,923,091 net of all applicable taxes and charges for additional contract administration services. All other terms and conditions remained unchanged. These delays were identified and reported to the General Government Committee in February 2025 under item 2025.GG19.6. Purchase Order 6043796 was amended to add an additional 66 weeks of site inspection and contract administration. At the time, these delays impacted Maple's schedule for Baby Point SPS and Humber SPS, resulting in a modification of the substantial completion date to August 2025 and an estimated final completion date to December 2025.

Since February 2025, Maple has faced additional delays caused by Toronto Hydro at both Humber SPS and Berry Road SPS. At Humber SPS, the delay relates to relocating overhead services, while at Berry Road SPS it stems from the transformer upgrade. These issues have pushed Maple's substantial completion date beyond August 2025.

The main source of delay is the Berry Road SPS transformer upgrade. Toronto Hydro must provide temporary power before Maple can mobilize and install temporary by-pass pumping, as access to the transformer is restricted. New Toronto Hydro standards and supply issues with the replacement transformer further postponed both temporary and permanent power installation.

In November 2025, Toronto Hydro advised that it could not begin the transformer work until completing a separate project on the local 4.16-kV lines, tentatively scheduled to start in Q2 2026. To avoid additional delays, the City agreed to allow Maple to proceed using the existing power supply as an interim solution. This approach enables Maple to complete its work while allowing Toronto Hydro to carry out its upgrades afterward. These cumulative delays have affected both Humber SPS and Berry Road SPS, resulting in a revised anticipated completion date of October 2026.

Table 3 provides a summary of the additional work required to be performed by WSP Canada Inc. to complete the project.

Table 3 - Additional Work Required by WSP Canada Inc. to Complete the Project (net of all applicable taxes and charges)

| Additional Work | Cost |
|---|--------------------|
| Additional 60 weeks of Site Inspection and Contract Administration Services | \$1,240,138 |
| Additional efforts to review claims and schedule | \$100,000 |
| Additional efforts related to coordination with Toronto Hydro and approval agencies | \$100,000 |
| Additional 8 weeks of construction services if needed | \$159,298 |
| Total | \$1,599,436 |

3. Amendment of Purchase Order Number 6052068 with Maple Reinders Constructors Limited

Maple started work on this project in April 2021. Due to the delays identified and reported to the General Government Committee in February 2025 under item 2025.GG19.6, and further delays experienced at the Humber SPS and Berry Road SPS (as described above), project completion is now anticipated in October 2026.

Table 4 provides a summary of the status of completion for each of the stations under this contract.

Table 4 - Status of Completion by Station

| Station | % Completion | Station | % Completion |
|----------------|---------------------|-----------------|---------------------|
| Berry Road SPS | 10 | Kennedy SPS | 100 |
| Baby Point SPS | 85 | High Park SPS | 100 |
| Humber SPS | 70 | Warren Park SPS | 85 |
| Old Mill SPS | 100 | | |

Project delays have led to increased costs, with the largest attributable factors being additional by-pass pumping, prolongation costs and approved additional work.

Prolongation costs in construction are the additional, time-related expenses a contractor incurs when a project extends beyond its original completion date due to client-responsible delays, such as design changes, late approvals, or unforeseen site conditions. These are not costs for extra work, but rather the cost of being on-site for longer than planned.

Table 5 provides a summary of the largest attributable factors related to the additional project costs.

| Table 5 - Largest Attributable Factors Related to Additional Costs (net of all applicable taxes and charges) Attributable Factor | Amount |
|---|---------------|
| By-pass Pumping and Prolongation costs | \$1,012,000 |
| Approved Additional Work | \$712,000 |
| Potential costs from the Berry Road station, which had just commenced construction | \$276,000 |
| Total | \$2,000,000 |

Prolongation Costs:

- **Old Mill SPS – Fan Curb Extension**
The existing fan curb (a reinforced metal support for the exhaust fan and odor control unit) was too short to accommodate the carbon filter and required extension.
- **Warren Park SPS – Asbestos Abatement**
Asbestos floor tiles were discovered during demolition. A City-retained third-party abatement contractor was required to remove and dispose of the material, and Maple had to vacate the site until this work was completed.

Approved Additional Work:

- High Park SPS and Humber SPS – Make-Up Air Unit (MAU) Fan and Heater Installation
Additional costs were incurred to install the MAU fans and heaters. These components are essential for ventilation, corrosion prevention, fume management, and temperature control. At these sites, they had to be installed externally to maintain above-freezing temperatures and protect pumps, piping, and electrical systems.
- Baby Point SPS – Suction Pipe Replacement
Due to soil conditions, modifications to the dry well were required. The suction pipe no longer aligned with the original design and had to be replaced.
- Warren Park SPS – Additional Piping
The wet well configuration did not align with the design piping and valving, necessitating additional piping.
- All SPS Sites – Additional Wiring
Toronto Hydro required extra wiring between the Remote Power Unit (RPU) field panel and the main power supply panel, resulting in additional work across all stations.

CONTACT

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SIGNATURE

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