

Amendment to Purchase Order Number 6050742 with CIMA Canada Inc., for Upgrades to Raw Water Valves at F. J. Horgan Water Treatment Plant

Date: October 8, 2025

To: General Government Committee

From: General Manager Toronto Water and Chief Procurement Officer

Wards: Ward 25 (Scarborough-Rouge Park)

SUMMARY

The report is seeking authority to amend Purchase Order 6050742 issued to CIMA Canada Inc., through Request for Quotation Doc2310649092 for engineering services related to the F. J. Horgan Water Treatment Plant Raw Water Valve Upgrade Project for Toronto Water.

This amendment is being requested for additional engineering services for accelerated work on the raw water valve project to ensure all critical activities were completed by June 2024, thereby avoiding delays to the commencement of the Scarborough Pump Station Rehabilitation Project.

The timing of this report was delayed due to administrative changes to the Toronto Water project management team which required additional time to onboard, validate detailed information provided by CIMA, and coordinate cost between the two capital projects.

The total value of the requested amendment is \$175,000 net of all applicable taxes and charges (\$178,080 net of HST recoveries). The amendment will revise the current Purchase Order value from \$1,067,017 net of all applicable taxes and charges (\$1,085,796 net of HST recoveries) to \$1,242,017 net of all taxes and charges (\$1,263,876 net of HST recoveries).

RECOMMENDATIONS

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

1. City Council, in accordance with section 71-11.1C of the City of Toronto Municipal Code Chapter 71 (Financial Control Bylaw), grant authority to General Manager, Toronto Water to amend PO 6050742 issued to CIMA Canada Inc. for additional engineering services by increasing the overall value by \$175,000 net of all applicable taxes and charges (\$178,080 net of HST recoveries) from \$1,067,017 net of all applicable taxes and charges (\$1,085,796 net of HST recoveries) to \$1,242,017 net of all taxes and charges (\$1,263,876 net of HST recoveries).

FINANCIAL IMPACT

The total value of the requested amendment for Purchase Order Number 6050742 is \$175,000 net of all applicable taxes and charges (\$178,080 net of HST recoveries). The amendment will revise the current Purchase order value from \$1,067,017 net of all applicable taxes and charges (\$1,085,796 net of HST recoveries) to \$1,242,017 net of all taxes and charges (\$1,263,876 net of HST recoveries).

Funding is available in the 2025 Capital Budget and 2026-2034 Capital Plan for Toronto Water. Funding details are provided in Table 1.

Table 1: Financial Impact Summary (Net of HST Recoveries)

WBS Element	Year	Total
CPW 062-08 F.J. Horgan Water Treatment Plant Raw Water Valves Upgrades	2025	\$178,080

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

DECISION HISTORY

On June 25, 2020, the Chief Procurement Officer authorized the award of Request of Quotation Number Doc2310649092 (9117-20-7020) to CIMA+. for the design, construction, and post-construction engineering services related to the F. J. Horgan raw water valves upgrades for a total contract award of \$462,814 net of all taxes and charges. On March 8, 2021, a Purchase Order Amendment (POA) was issued, for \$73,700 net of taxes and charges for additional services relating to the addition of retaining plates to the valves increasing the value of the purchase order to \$536,514 net of all taxes and charges.

At its meeting held on July 19 and 20, 2023, City Council adopted Item GG5.14 - Emergency Repairs to Raw Water Valves and F. J. Horgan Treatment Plant advising Toronto City Council, pursuant to Chapter 195 of the Toronto Municipal Code (Purchasing By-law, Section 195-7.4), of an amendment to Purchase Order Number

6050742, issued to CIMA Canada Inc. (CIMA+), for additional contract administration related to emergency repairs to raw water valves at F. J. Horgan Treatment Plant in amount of \$530,503 net of all taxes and charges, revising the current Purchase Order value from \$536,514 net of all taxes and charges to \$1,067,017 net of all taxes and charges. The City Council decision can be found at: [Agenda Item History - 2023.GG5.14](#)

COMMENTS

F.J. Horgan Raw Water Valve Upgrades and Related Work

1. Project Background

The F.J. Horgan Water Treatment Plant, operational since 1979, supplies approximately 20% of Toronto's drinking water, serving both the City's east end and York Region. The facility has eight raw water pumps that draw from Lake Ontario, six commissioned in 1980 and two added in 2012.

In 2020, the City retained CIMA Canada Inc. (CIMA+) to design upgrades involving the installation of six check valves, butterfly valves, and flowmeters. In May 2022, WSN Construction Inc. was awarded the construction contract, and site work began in June 2022.

2. Construction Phasing and Emergency Revisions

To meet increased summer water demand (i.e. 50% higher at the plant and 25% higher system-wide) the construction was re-sequenced into three phases to maintain operational capacity:

- Phase 1: Shutdown of four west-side pumps and a four-day full plant shutdown to replace an isolation butterfly valve
- Phase 2: Shutdown of six pumps (i.e. four on the west side and two on the east side)
- Phase 3: Shutdown four pumps on the east side

In July 2023, these changes were authorized under emergency provisions of the Municipal Code (Chapter 195-7.1(G)) by the General Manager of Toronto Water and the Chief Procurement Officer.

CIMA+ revised staging plans, electrical designs, and control wiring, and provided additional site inspections, project coordination, and contract administration. The cost for these scope changes was \$530,503, net of all taxes and charges.

All construction phases were completed by June 2024.

3. Scarborough Pump Station Rehabilitation Impact

In May 2024, ASCO Construction (Toronto) Ltd. was awarded the contract for the Scarborough Pump Station (SPS) Rehabilitation and Atmospheric Surge Tank Project, in the amount of \$39,320,590 net of all taxes and charges. Execution of this project required the temporary shutdown of the Scarborough Pump Station for an extended period.

The SPS receives its supply from the R.C. Harris Water Treatment Plant. During the period in which SPS was out of service, the required system capacity was met by the F.J. Horgan Water Treatment Plant, resulting in increased operational demands on that facility to maintain service to the East Pressure District.

Given the approaching high-demand season and forecasts indicating the likelihood of a hotter-than-average summer, a risk assessment determined that the existing water production capacity could be exceeded during peak demand periods. As a result, project timelines were re-evaluated and construction sequencing was modified to expedite critical components of the work. The decision to accelerate the project was validated, as summer 2024 experienced sustained high temperatures and elevated water consumption levels.

To meet the revised construction schedule, WSN Construction advanced the raw water valve upgrade work by implementing extended and overtime shifts. CIMA+ provided full-time, on-site engineering support to ensure all critical activities were completed by June 2024, thereby avoiding delays to the commencement of the SPS Rehabilitation Project.

As a result, an amendment to Purchase Order 6050742 is required to compensate CIMA+ for additional services related to project management, technical support, and site inspection. The amendment totals \$175,000, net of taxes (\$178,080 net of HST recoveries).

CONTACT

Richard Noehammer, Director, Capital Planning and Implementation, Toronto Water, Telephone: 416-397-7296, Email: Richard.Noehammer@toronto.ca

Marie Reid, Manager, Infrastructure and Development Services, Purchasing Client Services, Purchasing and Materials Management, Telephone: 416-397-5187, Email: Marie.Reid@toronto.ca

SIGNATURE

Lou Di Gironimo,
General Manager, Toronto Water

Geneviève Sharkey,
Chief Procurement Officer