

Amendment to Purchase Order Number 6052250 with WSP Canada Incorporated for the Detailed Design of the John Street Corridor Improvements

Date: February 16, 2023

To: General Government Committee

From: Chief Engineer and Executive Director, Engineering & Construction Services Division and Chief Procurement Officer, Purchasing and Materials Management

Wards: Ward 10 (Spadina - Fort York)

SUMMARY

The purpose of this report is to request authority to amend Purchase Order Number 6052250 with WSP Canada Incorporated, for professional engineering services associated with detailed design for the John Street Corridor Improvements between Front Street West and Stephanie Street. This amendment is required to update the design completed seven years ago and address new requirements including:

- Topographic survey and underground mapping to reflect present day conditions and requirements.
- To meet the regulatory requirements of Ontario Regulation, O. Reg. 406/19 (On Site and Excess Soil Management under the Environmental Protection Act, new excess soil reuse planning requirements).
- Additional design work needed to address upgrades to sewer segments identified by Toronto Water within the project limits.
- Development of a construction phasing plan for the John Street Corridor Improvements in consideration of other major infrastructure projects in the area.

The total value of the Purchase Order Amendment being requested is \$854,264.43 net of all taxes and charges (\$869,299.48 net of HST recoveries; Transportation Services \$731,702.66 and Toronto Water \$137,596.82). This revises the current purchase order value from \$2,267,000 net of all taxes and charges (\$2,306,899.20 net of HST recoveries) to \$3,121,264.43 net of all taxes and charges (\$3,176,198.68 net of HST recoveries).

RECOMMENDATIONS

The Chief Engineer and Executive Director, Engineering & Construction Services Division and the Chief Procurement Officer, Purchasing and Materials Management recommend that:

1. General Government Committee, in accordance with Section 195-8.4A of the Toronto Municipal Code Chapter 195 (Purchasing By-Law), grant authority to amend Purchase Order Number 6052250 with WSP Canada Incorporated, for the provision of professional services associated with the design for John Street Corridor Improvements between Front Street West and Stephanie Street in the amount of \$854,264.43 net of all taxes and charges (\$869,299.48 net of HST recoveries). This revises the current purchase order value from \$2,267,000 net of all taxes and charges (\$2,306,899.20 net of HST recoveries) to \$3,121,264.43 net of all taxes and charges (\$3,176,198.68 net of HST recoveries).

FINANCIAL IMPACT

The Purchase Order Amendment request, included in this report, will increase the total value of the professional services assignment by \$854,264.43 net of all taxes and charges (\$869,299.48 net of HST recoveries). This revises the current purchase order value from \$2,267,000 net of all taxes and charges (\$2,306,899.20 net of HST recoveries) to \$3,121,264.43 net of all taxes and charges (\$3,176,198.68 net of HST recoveries).

Funding for the Purchase Order Amendment is available in the 2023-2032 Approved Capital Budget and Plan for Transportation Services and Toronto Water as summarized in Table 1 below (net of HST recoveries):

Table 1: Financial Impact Summary for Purchase Order Number 6052250

WSB Element	SAP Description	Total (Net of HST Recoveries)
CTP817-66-02	John Street Revitalization Project – Section 37	\$731,702
CWW470-02	Consulting Fees	\$137,597
Total		\$869,299

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

DECISION HISTORY

At its meeting held on March 5, 6 and 7, 2012, City Council authorized the General Manager, Transportation Services, to issue a Notice of Completion and to file the Addendum to the John Street Corridor Improvements Class Environmental Assessment Study in the public record for a minimum 30 days in accordance with the requirements of the Municipal Class Environmental Assessment." A copy of the Council decision PW12.3 titled "John Street Corridor Improvements Environmental Assessment Study" can be found at: [Agenda Item History - 2012.PW12.3 \(toronto.ca\)](#)

At its meeting held on December 18, 2013, the Bid Committee adopted Staff Report BD158.6 titled "Award of Request for Proposal 9117-13-5032 to MMM Group Limited, to Provide Professional Engineering and Landscape Architectural Design Services for the John Street Corridor Improvement Project between Front Street West and Stephanie Street" granting authority to award the contract to MMM Group Limited (now WSP Canada Incorporated) in accordance with the contract details set out in the report from the Director, Purchasing and Materials Management. A copy of the Bid Committee report can be found at: [Agenda Item History - 2013.BD158.6 \(toronto.ca\)](#)

COMMENTS

Background

The John Street corridor, from Stephanie Street to Front Street West, is recognized as a route of civic and cultural importance in Toronto, with major entertainment facilities and institutions. City Council, in considering plans and studies of this area between 2001 and 2008, identified John Street as a "Cultural Corridor", an "Avenue of the Arts" and a "Pedestrian Priority Route". Recognizing this cultural significance and high-level of pedestrian activity along the corridor, City Council directed the General Manager, Transportation Services, to undertake an Environmental Assessment (EA) for the John Street Cultural Corridor in 2009, with the primary objective of developing a unique and high-quality streetscape design that provides a vibrant environment for pedestrians. The EA was completed in 2012. The detailed design commenced in 2014, and was completed in 2016, less utility relocation designs. Toronto Hydro's construction of their civil infrastructure upgrades and relocations commenced in 2018 and was completed in 2022. Toronto Hydro's construction also consisted of building the Joint Utility Trench, which will allow the telecoms to locate into as the project proceeds and provides a consolidated alignment for this type of utility. Enbridge relocation was completed in 2021.

John Street is a collector road that intersects with several arterial streets, two of which have 24-hour streetcar service (King Street and Queen Street, respectively). Over the years, the area has transformed from a low-rise warehouse setting to high-rise mixed-use residential community with high pedestrian traffic. It is also the annual setting for the Toronto International Film Festival (TIFF) and is often used to host many large-scale public events. Presently, John Street has varying cross-section configurations along its

840 metre length, which include sections of two, three and four vehicular lanes, respectively. The future John Street will be a two-lane roadway from Front to Stephanie Street with turn lanes at key locations. The area is shown in Figure 1.

Figure 1: John Street Corridor Improvements Location Map



The Municipal Class Environmental Assessment Study, undertaken by Transportation Services, reviewed alternatives to enhance the public realm and improve the pedestrian environment while designing a treatment conducive for public events. Six alternative solutions were evaluated, and the technically preferred option approved by Council in March 2012 was selected to increase the pedestrian realm within the existing right-of-way and reduce traffic lanes. The planned improvements consist of:

- Widening sidewalks and boulevards.
- Reducing the width of the roadway down to one lane of traffic in each direction between Wellington Street and Stephanie Street.
- Creating a gentler slope from the curb to the roadway, allowing the street to be used as a plaza space for events during road closures.
- Greening the street by planting additional trees.
- Installing new paving materials in the roadway and on the sidewalks to add visual interest and calm traffic.
- Adding new roadway, pedestrian, event and traffic lighting.
- Installing public art.

In March 2014, the City retained MMM Group Limited (now known as WSP Canada Incorporate) through a Request for Proposal (RFP No. 9117-13-5032) for professional engineering services to complete the preliminary and detailed designs for the John Street Corridor Improvements. In 2016 MMM Group submitted a completed detailed design to the City.

Since completing the detailed design in 2016, the John Street Corridor Improvements has been programmed for construction. Toronto Hydro began their infrastructure upgrades and relocations in 2018 and completed the civil work in 2022. Enbridge relocation was completed in 2021. The additional detailed design work associated with this Purchase Order Amendment is to update the design completed seven years ago. This includes ensuring the topographic survey and underground mapping of utilities reflects present day conditions and requirements, and meets the regulatory requirements of Ontario Regulation, O. Reg. 406/19 (On Site and Excess Soil Management under the Environmental Protection Act, new excess soil reuse planning requirements). Additional design work is now also needed to address upgrades to sewer segments identified by Toronto Water within the project limits. Close coordination with the Toronto Downtown West Business Improvement Area will occur in updating the detailed design in collaboration the Economic Development & Culture Division.

The preparation of the updated construction tender package will explore phasing construction of the John Street Corridor Improvements in consideration of other major infrastructure projects in the area. The initial construction is anticipated to commence in Q2 2024.

Given the technical challenges presented by this project, an additional contingency allowance of \$150,000 (net of all taxes and charges) is recommended by Engineering & Construction Services to address future unforeseen design issues which may arise.

The total cost for the additional professional services to address the matters above and additional contract management requirements is \$854,264.43 net of all taxes as summarized in Table 2 below.

Table 2: Breakdown of Costs for Additional Professional Engineering Services

Work Scope	Cost
Design Refresh	\$415,839.43
Design of Sewer Replacements	\$111,200.00
Allowances for Investigations	\$177,225.00
Contingency	\$150,000.00
Total Purchase Order Amendment (net of all taxes)	\$854,264.43

The amendment to Purchase Order Number 6052250 with WSP Canada Incorporated, for the additional services required to complete the detailed design of John Street Corridor Improvements and increases the total contract by an amount of \$854,264.43 net of all taxes. This will revise the value of the Purchase Order from \$2,267,000 net of all taxes to \$3,121,264.43 net of all taxes.

The City has reviewed the WSP Canada Incorporated quotation for the additional professional services associated with the revisions required to the detailed design for the John Street Corridor Improvements and found them to be fair and reasonable.

CONTACT

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SIGNATURE

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