



City of
Peterborough

To: **Members of the General Committee**

From: **Jasbir Raina, Commissioner of Infrastructure and Planning Services**

Meeting Date: **May 8, 2023**

Subject: **Pre-commitment of Funds and Award of ITT-15-23 Lansdowne Street West Intersection Improvements – Phase 1 – Reconstruction between Park Street South and George Street South, Report IPSENG23-008**

Purpose

A report to recommend the pre-commitment of funds and award of ITT-15-23 for Lansdowne Street West Intersection Improvements – Phase 1. The works will include the reconstruction of Lansdowne Street West from east of Park Street south to west of George Street South including new traffic signals at Aylmer Street South.

Recommendations

That Council approve the recommendations outlined in Report IPSENG23-008, dated May 8, 2023, of the Commissioner of Infrastructure and Planning Services, as follows:

- a) That a \$3,050,000 budget amount for the 2024 Capital budget for Lansdowne Street Rehabilitation – Park Street to Otonabee River be pre-committed; and
- b) That the 2023 approved capital budget for Lansdowne Street Rehabilitation – Park Street to Otonabee River (Project Reference 5-9.03) be increased by \$1,275,000 from \$4,850,000 to \$6,125,000, with the additional funding from the PUG Services Corp. water contribution in the amount of \$1,275,000; and
- c) That ITT-15-23 Lansdowne Street West Intersection Improvements - Phase 1, be awarded to Drain Bros. Excavating Limited, 2130 8th Line Road North, Douro-Dummer, Ontario, K0L 2H0, at a cost of \$7,585,812.20, plus HST of \$986,155.59, for a total cost of \$8,571,967.79

Budget and Financial Implications

The total project costs, net of the HST rebate, including contingency allowance, costs incurred to date, engineering and project management are as follows:

Line	Description	Amount
1	ITT-15-23 Lansdowne Street West Intersection Improvements – Phase 1	\$ 7,585,812.20
2	HST Payable by the City	\$ 133,510.29
3	Costs incurred and committed to date (utility relocations, geotechnical work, property acquisition, etc.,)	\$ 200,000.00
4	Geotechnical and Material Testing Allowance	\$ 100,000.00
5	Engineering and Contract Administration	\$ 1,150,000.00
6	Total Estimated Project Cost (Net of HST rebate)	\$ 9,169,322.49

Funding for the Lansdowne Street West Intersection Improvements – Phase 1 project will come from the following sources:

Line	Description	Allocation of Project Costs
1	2023 Capital Budget (Project 5-9.03) Lansdowne Street Rehabilitation - Park Street to Otonabee River	\$ 4,850,000
2	Pre-commitment of Lansdowne Street Rehabilitation (2024 Capital Budget)	\$ 3,050,000
3	PUG Services Corp. Water Contribution	\$ 1,275,000
4	Total	\$ 9,175,000

The total estimated project cost of \$9,169,322.49, net of HST rebate, for ITT-15-23 can be accommodated within the uncommitted balances of the budgets listed in the above table and with the pre-commitment of 2024 Capital funds.

Background

Brief Description of the Work

The project covers the reconstruction of Lansdowne Street West from east of Park Street South to west of George Street South including new traffic signals at Aylmer Street South, the installation of storm sewer, sanitary sewer, water main, streetlights, tree plantings, storm water management infrastructure, concrete sidewalk on the north side of Lansdowne Street and a new multi-use trail on the south side of Lansdowne Street.

This first phase of the larger Lansdowne Street West reconstruction project from Park Street to the Otonabee River is proposed to complete the works adjacent to the new arena site and prepare the Lansdowne Street and Aylmer Street intersection prior to the new arena opening.

Budgetary impacts to the project have been realized due to recent years inflationary pressures as well as the following components of the project:

Storm Water Management Infrastructure

There was a significant requirement for storm water management infrastructure on this project. The new low impact development regulations along with the limited options for a preferred location of the underground stormwater storage/infiltration system and the level topography of the area increased the cost and scope of the infrastructure required for the project. The additional cost is approximately \$1,500,000.

Concrete Multi-Use Trail

The new arena complex in Morrow Park has a landscaped surface area fronting Lansdowne Street West. It is recommended that a coloured concrete multi-use trail be installed on the south side of Lansdowne Street West from Park Street South to Aylmer Street South to merge the projects with similar materials and to facilitate constructability. The additional cost is approximately \$120,000.

Maintenance Hole in Morrow Park

There is an existing trunk sanitary sewer that runs through Morrow Park from Aylmer Street South to McGill Street. The distance between maintenance holes is excessive and it is recommended to install a new maintenance hole at the midpoint to allow for less complicated maintenance procedures. The additional cost is approximately \$90,000.

PUG Services Corp. Water Contribution

During the detailed design PUG Services Corp. indicated the interest to replace water main infrastructure within the limits of construction. The additional cost is approximately \$1,275,000 which will be recovered from PUG Services Corp.

Procurement Type, Closing, Prepared by, Reviewed by

ITT-15-23 closed on April 13, 2023, at 2:00 p.m. local time. The tender was prepared by City Staff and reviewed and evaluated by the Engineering Services Manager, Construction Services Manager and the Purchasing Program Manager.

Tender Summary

Chart 1 below provides a summary of the Tender results:

Chart 1 ITT-15-23 Lansdowne Street West Intersection Improvements – Phase 1

Firm Name	Address	Bid (Excluding HST)
Drain Bros. Excavating Limited	2130 8th Line Rd N, Douro-Dummer, Ontario, K0L 2H0	\$7,994,388.20
Dufferin Construction Company, a division of CRH Canada Group Inc.	585 Michigan Drive, Unit #1 Oakville, Ontario L6L 0G1	\$9,361,000.00

Recommended Bidder

Two compliant bids were received and based on the lowest bid City staff are recommending that ITT-15-23 be awarded to Drain Bros. Excavating Limited.

Drain Bros. Excavating Limited has performed satisfactorily on numerous construction projects in previous years for the City.

Timelines

If the recommendation is approved, an agreement will be prepared and is to be signed by the City Clerk and either the CAO or the Treasurer, under their delegated authority as per section 7.5.6 of the Procurement By-law 22-070 before the work commences.

The contractor is tentatively scheduled to commence work in June 2023, and it is anticipated that the work will be substantially completed by the fall of 2023.

To facilitate construction, Lansdowne Street West will be reduced to one lane in each direction and a centre turn lane from Park Street South to George Street South including one pedestrian facility on the south or north side of Lansdowne Street West. Adjustments to the centre turning lane will be required at times to facilitate specific construction operations. The travelling public should expect and will experience traffic delays during the construction.

Future phases of the project will address upgrades at the Park Street and George Street intersections with Lansdowne Street and upgrades on Lansdowne Street east of George Street to the Otonabee River.

Council Approval Required

Under Part 7, Section 7.4 d. of the Procurement By-law 22-070, Council must approve an Award, where the contract value cannot be accommodated within an approved budget and therefore requires a budget transfer or a pre-commitment against a future years' budget.

Summary

The award of ITT-15-23 Lansdowne Street West Intersection Improvements – Phase 1 has been issued in accordance with the City's Procurement By-law 22-070 and can be awarded within the approved and pre-committed budgets as recommended in this report.

Submitted by,

Jasbir Raina, CEng., M.Tech, MBA, PMP, MIAM
Commissioner, Infrastructure and Planning Services

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