

Corporate Report

REPORT NUMBER 055-2023-Infrastructure & Operations-Engineering & Operations		
DATE PREPARED April 5, 2023		FILE
MEETING DATE May 1, 2023		
SUBJECT Contract 2, 2023 – Sidewalk and Pedestrian Crossover Construction		

RECOMMENDATION

WITH RESPECT to Report 055-2023-Infrastructure & Operations-Engineering & Operations, we recommend that Contract 2, 2023 – Sidewalk and Pedestrian Crossover Construction be awarded to Thunder Contracting Inc. who submitted the lowest compliant tender in the amount of \$2,373,075.71 [inclusive of HST]; it being noted that the amount shown is based on estimated quantities; final payment for this contract will be based on measured quantities for the completed work;

AND THAT the General Manager of Infrastructure and Operations report any circumstances to City Council should significant variation in the contract quantities occur;

AND THAT the Mayor and City Clerk be authorized to sign all documentation related to these matters;

AND THAT any necessary by-laws be presented to City Council for ratification.

LINK TO STRATEGIC PLAN

This report directly supports the ‘Renew’ strategy of the 2019-2022 Corporate Strategic Plan: focus on essential infrastructure, revitalize our cores, and enhance our Image Routes.

EXECUTIVE SUMMARY

The 2022 and 2023 capital budgets include funds for new sidewalk, sidewalk replacement, and pedestrian crossover installations at various locations in the City. There were three (3) compliant tenders received for the work, with the lowest being from

Thunder Contracting Inc. Administration recommends them as capable of doing the work. The project as tendered is within the available the budget.

DISCUSSION

As a result of the call for tenders, three (3) compliant responses as listed below were received for the construction of sidewalks and pedestrian crossover installations.

The tender costs include the applicable HST.

Contractor	Tender Opening Bid
Thunder Contracting Inc.	\$2,373,075.71
Bay City Contractors	\$2,528,814.57
P.N.I. Contracting Ltd.	\$2,561,737.12

The pre-tender estimate for the work on this contract was \$2,035,400.

This contract includes projects recommended in the 2022 sidewalk and pedestrian crossover contract that were not awarded because of delayed external funding announcements, as well as projects recommended in the 2023 capital program.

The contract includes sidewalk replacement on sections of the following streets: Brescia Court, Centre Avenue, Francis Street East, Francis Street West, Hyde Park, John Street, Red River Road, and Yonge Street.

The Hyde Park Avenue location also includes replacement of street lighting, wiring, and removal of a one-block, non-continuous, deteriorated, sidewalk section on the east side.

The contract also includes several segments of new sidewalk links that have been identified in the City's Active Transportation Plan (ATP) and provides improved connections to public transit. This involves new sidewalk segments on Cumberland Street North, Frederica Street West, Inchiquin Street, John Street, East Avenue, and Wardrobe Avenue. The work on Cumberland Street North, Frederica Street West and John Street is part of a staged program to complete sidewalks on both sides of a transit route street. These new sidewalk links improve access to transit stops and are eligible for funding under the Investing in Canada Infrastructure Program (ICIP) – Public Transit stream.

Residents on a block of Frederica Street West are opposed to the new sidewalk. To determine whether this project aligns with the wishes of the community, a survey has been sent out to the residents of Frederica Street West, between Stanley Avenue and James Street South. The purpose of the survey is to collect feedback from residents on the proposed new sidewalk link and determine if there is community support for its construction. Residents have until April 18, 2023, to respond to the survey. Administration recommends the installation of the new sidewalk at this location to

support the City's ATP and accessible connections to transit and currently, this section of the sidewalk remains in the contract. Administration will provide a memorandum on the survey results to Council for consideration prior to contract award.

Also included in this contract is the necessary underground civil work, concrete sidewalk/trail connections, pavement markings, poles, signage, and equipment to install new pedestrian crossover (PXO) signals at four (4) locations.

Locations of crossings are East Avenue at Market Street, William Street at Ford Street North, Central Avenue at Riverside Drive, and Vickers Street North at Cameron Street. These intersection locations have been reviewed in accordance with the traffic and pedestrian crossover matrix in accordance with the Ontario Traffic Manual. All crossings will also remain consistent with the Level 2 Type B PXO construction standard that the Accessibility Advisory Committee has recommended for these installations. These pedestrian crossovers are eligible for funding under the ICIP – Public Transit stream.

One of the above crossings involves signage and lighting safety crossing enhancements for an active transportation multi-use trail crossing. The William Street crossing includes a realignment of the trail on Confederation College and the College is supportive of this improvement.

The low tenderer on this contract is Thunder Contracting Inc. Administration is recommending this company as the low compliant tenderer and capable of carrying out the work on this contract.

LINK TO EARTHCARE SUSTAINABILITY PLAN

The work approved under this report supports the Mobility goal of the Earthcare Sustainability Plan. New and rehabilitated sidewalks and new pedestrian crossovers encourage residents to use active transportation especially for short duration trips, improving health of residents and reducing GHG emissions.

FINANCIAL IMPLICATION

The 2023 Capital Budget along with carry forward accounts include sufficient funding for this work. Several new sidewalks and pedestrian crossovers are eligible for the ICIP Public Transit stream financing, which has expanded this year's sidewalk contract work. It is recommended that all work proceed.

The following financial breakdown is provided:

Contract Amount	\$2,373,075.71
Less HST Rebate	\$236,047.53
Sub-Total	\$2,137,028.18

Engineering	\$375,000.00
TOTAL	\$2,512,028.18

This Contract includes a contingency allowance for work that is unforeseen and can only be expended with the approval of the General Manager of Infrastructure and Operations.

CONCLUSION

It is concluded that City Council should award Contract 2, 2023 for Sidewalk and Pedestrian Crossover Construction to Thunder Contracting Inc. as the lowest compliant tender.

BACKGROUND

A condition survey of all City sidewalks provides Administration with information to prioritize sidewalk replacements in the capital program including hollow sidewalk replacement.

Several new sidewalk connections or links have been included within the 2023 capital program as these locations were identified in the City's ATP as missing gaps. Most of these projects are financially supported through the City's participation in the ICIP Public Transit Stream as they improve access to transit.

Report 59/2016 and Report 110/2016 provide background on the legislation and implementation of PXOs in the province and in the City. New locations for PXOs are reviewed annually by City Administration in accordance with guidelines established by the Ontario Traffic Manual involving criteria for road type, traffic volumes and pedestrian counts. Locations on pedestrian priority corridors identified in the ATP are prioritized. Four (4) new locations are included this year as part of this contract and with financial support from the ICIP federal funding program as they support improved accessibility for transit.

REFERENCE MATERIAL ATTACHED

None

REPORT PREPARED BY

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REPORT SIGNED AND VERIFIED BY

Kerri Marshall, General Manager – Infrastructure & Operations

Date (04/20/2023)