

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 24, 2017
FROM:	KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 17-32 REPLACEMENT OF SIDEWALKS, CURB & GUTTER AND HOT MIX ASPHALT, CONTRACT #1

RECOMMENDATION

That, on the recommendation of the Managing Director & City Engineer, Environmental and Engineering Services, the following actions **BE TAKEN** with respect to the award of a contract for Tender No. 17-32, Replacement of Sidewalks, Curb & Gutter and Hot Mix Asphalt Contract #1:

- a) the bid submitted by Dufferin Construction Company, A division of CRH Canada Group Inc., at its submitted tendered price of \$4,092,745.60 (excluding HST), for the said project **BE ACCEPTED**; it being noted that the bid submitted by Dufferin Construction Company, A division of CRH Canada Group Inc. was the lowest of two bids received and meets the City's specifications and requirements in all areas;
- b) the financing for this project **BE APPROVED** as set out in the Source of Finance Report attached hereto as Appendix "A";
- c) the Civic Administration **BE AUTHORIZED** to undertake all of the administrative acts that are necessary in connection with this project;
- d) the approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract or issuing a purchase order for the material to be supplied and the work to be done relating to this project (Tender No. 17-32); and,
- e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

2015 - 19 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus area of Building a Sustainable City by addressing and managing the infrastructure gap and improving mobility for cyclists, transit, automobile users and pedestrians. The project provides several roadway community network improvements.

BACKGROUND

Purpose

This report recommends the award of a construction tender to a contractor for the City's Annual Road Reconstruction Program (ARRP), which involves the reconstruction of secondary collector and local streets. The recommended award is based on the lowest tender received.

DISCUSSION

The ARRP program rehabilitates and reconstructs local roads. This year the program was divided into two tenders to gain efficiencies and allow for a greater number of streets to be reconstructed. Contract #2 closed on March 31, 2017. Under Contract #1, 3 streets which consists of approximately 5.1 lane-km are proposed to be rehabilitated (Table 1). Under Contract #2, 11 streets which consist of approximately 6.8 lane-km are proposed to be rehabilitated.

Table 1 – List of ARRP streets to be constructed in 2017

STREET	FROM	TO
Blackacres Boulevard	Aldersbrook Road	Yardley Wood Road
Castlegrove Boulevard West Leg	Sarnia Road	Chesham Ave.
Clarendon Crescent	Upper Queen Street	West Limit

Streets to be reconstructed through this program are chosen based on discussions with the Infrastructure Coordinating Committee and their need for rehabilitation work and/or a review of the Pavement Quality Index (PQI). All streets are reviewed once every two years by an inspection vehicle that provides a detailed rating. This program attempts to address the streets with the lowest PQI rating, however, the list to be reconstructed is quite fluid and may change from year to year dependent on other infrastructure needs and budgets.

The reconstruction of Clarendon Crescent involves the replacement of the existing watermain and services and has been coordinated with Water Engineering for efficient use of funds during construction.

Tender Summary

Tenders for the Replacement of Sidewalks, Curb & Gutter and Hot Mix Asphalt Contract #1 project were opened on March 23, 2017. Two (2) contractors submitted tenders as follows (excluding HST):

CONTRACTOR		TENDER PRICE (SUBMITTED)	CORRECTED TENDER PRICE
1.	Dufferin Construction Company	\$4,092,745.60	---
2.	Coco Paving Inc. (London)	\$4,544,000.00	\$4,546,190.00

All tender submissions have been checked by the Environmental and Engineering Services Department. One of the submitted tenders was found to contain minor mathematical errors; however the order of the bidders remains the same.

The tender estimate just prior to opening was \$3,500,000.00 (excluding HST) and was based on values submitted in prior years. All tenders include a contingency allowance of \$350,000.00 (excluding HST). Funds adequate for the award of this tender are identified in the capital budget.

Contract Administration

Civic Administration has successfully completed the detailed design and tendering of the project and will carry out the contract administration and resident supervision. The continued use of the City staff on this project for these additional services is of financial advantage due to the fact that City staff has specific knowledge of the project and has undertaken work for which duplication would be required if a consultant were to be selected. Civic Administration is intimately familiar with the Occupational Health and Safety Act aspects of the contract.

Communication

Every effort is being made to ensure Londoners are aware of construction zones and traffic detours resulting from road work. Daily updates are provided through the City's website, www.london.ca/construction with information about road closures and ongoing and upcoming projects on city streets.

The social impact is being mitigated through coordination and communication. The specific communication strategies include:

- 2017 construction program media release;
- Renew London website (project updates, daily email to media and emergency services); and
- Advanced warning signs.

CONCLUSION

Replacing infrastructure at the end of its life is a prerequisite to building a sustainable City. Civic Administration has reviewed the tender bids and recommends Dufferin Construction Company be awarded the contract for the Replacement of Sidewalks, Curb and Gutter, and Hot Mix Asphalt Contract #1. The award will allow the project objectives to be met within the available budget.

Upon Council approval and contract award, staff will confirm a schedule with the contractor and initiate a communication program for the various construction locations.

Funding for this tender has been provided in the 2017 Capital Budget. There are no anticipated additional operating costs associated with this work upon project completion

Acknowledgements

This report was prepared within the Construction Administration Division by Paul Choma, P.Eng., Environmental Service Engineer.

PREPARED BY:	REVIEWED AND CONCURRED BY:
UGO DECANDIDO, P.ENG. DIVISION MANAGER, CONSTRUCTION ADMINISTRATION	EDWARD SOLDI, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION
RECOMMENDED BY:	
KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER	

April 5, 2017

PC/ud

Attach: Appendix "A" – Source of Financing

CWC Tender T17-32 - Rp of sidewalks cg HMA

cc: Doug MacRae
John Simon
Rick Pedlow
Gary McDonald
John Parsons
Rick Brown
Dufferin Construction Company