

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON AUGUST 11, 2020
FROM:	KELLY SCHERR, P. ENG, MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	CONTRACT PRICE INCREASE: TENDER T19-18 TRAFFIC SIGNAL RECONSTRUCTION SOUTHDALE ROAD AT WHARNCLIFFE ROAD SOUTH

RECOMMENDATION

That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the Southdale Road and Wharncliffe Road South intersection reconstruction project:

- a) the Tender T19-18 construction contract value with KWS Electric Services Inc. **BE INCREASED** by \$95,000.00 to \$1,288,542.43 (excluding HST) in accordance with Section 20.3 (e) of the Procurement of Goods and Services Policy;
- b) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix A;
- c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project; and,
- d) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

COUNCIL'S 2019-2023 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus areas of Strengthening our Community (SOG-40) and Building a Sustainable City (BSC-08 and -26). The reconstruction of the intersection of Southdale Road and Wharncliffe Road South will meet the long-term needs of our community with bicycle lanes through the intersection, new sidewalks and the removal of right-turn channelization islands to improve the pedestrian crossing.

BACKGROUND

Purpose

The Southdale Road and Wharncliffe Road South intersection reconstruction contract requires an amendment due to increased costs as a result of unforeseen underground conflicts and poor sub-surface material. The City's Procurement of Goods and Services Policy requires Council approval for this amendment.

DISCUSSION

The tender for the reconstruction of the Southdale Road/Wharncliffe Road South intersection was awarded to KWS Electric Services Inc. in July 2019. Work commenced in 2019 with construction being completed in 2020 following a winter shutdown. The work included the replacement of the traffic signal infrastructure, introducing compliance with current AODA standards, construction of new sidewalks, removal of two large right-turn channelization islands and construction of new right-turn lanes. The approaches to the intersection were widened to accommodate the extension of the existing bicycle lanes on Southdale Road West to continue through the intersection and new bicycle lane space on Wharncliffe Road South to facilitate future bicycle lane projects.

The additional costs related primarily and equally to two items:

1. Conflicts with an underground Bell Canada fibre optic cable and underground Enbridge infrastructure resulted in additional work that was not anticipated.
2. During removal of the right-turn channelization islands, pockets of clay were discovered where standard roadbed material was expected. Additional excavation was required to remove the unsuitable material and new granular material was added to ensure a stable base for the road and drainage.

An additional \$95,000 (excluding HST) is required to address the additional costs associated with this unanticipated work.

CONCLUSION

It is recommended that the contract value for Tender T19-18, Traffic Signal Reconstruction Southdale Road at Wharncliffe Road South, be amended to a limit of \$1,288,542.43 (excluding HST) in accordance with Section 20.3 (e) of the Procurement of Goods and Services Policy. These costs are related to unanticipated underground conflicts and variable subsurface conditions within the intersection. Funds are available in the capital budget.

PREPARED BY:	REVIEWED & CONCURRED BY:
SHANE MAGUIRE, P. ENG. DIVISION MANAGER, ROADWAY LIGHTING AND TRAFFIC CONTROL	DOUG MACRAE, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION
RECOMMENDED BY:	
KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER	

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July 28, 2020

Attach: Appendix A – Sources of Financing

c: TCA