



COMMUNITY SERVICES – ENGINEERING SERVICES
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DATE: January 12, 2015

**DEVELOPMENT & INFRASTRUCTURE SERVICES REPORT
ENGINEERING SERVICES 2015-06**

TO: Committee of the Whole
SUBJECT: Yonge Street Sidewalk- Tom Taylor Trail to Savage Road
ORIGIN: Engineering Services

RECOMMENDATION

THAT Development & Infrastructure Services Report – Engineering Services 2015-06, dated January 12, 2015, be received and the following recommendation be adopted:

1. THAT additional funding of \$97,161.44 be provided from reserves to enable staff to award and complete the project.

PURPOSE/BACKGROUND

In 2013, Council requested that an interim sidewalk be built along the east side of Yonge Street from the Tom Taylor Trail to Savage Road. Council originally established a \$100,000.00 budget for the interim sidewalk. This section of sidewalk would provide a safe walking connection from the Tom Taylor Trail to Savage Road where it would link up with an existing sidewalk and bus stop. In May of 2014, Council approved additional funding in the amount of \$145,000.00 required for the construction of an extensive retaining wall that would be required due to difficult and steeply sloping terrain on the project site.

The sidewalk is being labelled as “interim” because it is expected that this section of road will be urbanized by York Region sometime in the future. If this section of road were to be urbanized today, it would eliminate the need for the extensive retaining wall and would also reduce the amount of grading required, thereby reducing the high capital cost of construction. However, Staff has discussed the intention of urbanization of this section of road with York Region Rapid Transit, and York Region has confirmed that this section of road will not be urbanized until after 2021. They were not able to supply any specific starting year, nor any commitment to proceed with the urbanization.

The Town's consulting engineer has completed the detailed design for all proposed works. The Bid call was advertised on Biddingo and our Bid Opportunity Website and tenders closed on Wednesday November 12, 2014, 3:00pm. Five (5) bids were received by the Corporate Services – Procurement Services Department. The bids are summarized in Table 1.

TABLE 1: Bid Results

<u>Vendor</u>	<u>Unofficial Calculated SubTotal</u>
Blackstone Paving & Construction Limited	\$ 443,498.06
Trisan Construction	\$ 588,563.28
Peltar Paving	\$ 668,640.00
Ashland Paving Ltd.	\$ 1,086,696.19
Lomco Limited	\$ 1,123,290.00

Copies of all five (5) Bids were sent to the designated department and to the Town's Engineering Consultant for review.

Blackstone Paving and Construction Limited had the lowest bid, coming in at \$443,498.06; however, some provisional items had been included in the bid documents by the Town. Two (2) of these provisional items will not be required and can be removed from the tender, thereby reducing the total tender value by \$165,004.90. The first provisional item that can be removed is an alternative type and style of retaining wall, which had a tender cost of \$140,227.30. The second provisional item that can be removed is an alternative base material which had a tender cost of \$24,777.60. Neither of these items will be used on the project. With the removal of these two provisional items the total bid for award will now be \$278,493.16 instead of \$443,498.06. The total project cost of \$342,161.44 includes \$278,493.16 for the tender, as well as \$63,668.28 for Engineering Fees, Surveys, Geotechnical Fees, Contingencies and Taxes.

The bid prices for the concrete sidewalk, retaining walls, grading, topsoil and sodding came in higher than originally estimated. Furthermore, the removal and replacement of an existing cedar rail fence on private property had to be added to the project as a result of a grading conflict and the requirement for safe construction practices, thereby adding more to the final tender price.

If Council decides to proceed and allocates the required additional funding for this project, the Engineering and Procurement Departments are confident that the recommended Contractor has the experience, capability and equipment to successfully complete the works.

As stated previously, urbanization would eliminate the need for the extensive retaining wall and would also smooth out the excessive grading, thereby saving the initial high capital cost of the wall, grading works and replacement cedar rail fence, as well as any future maintenance costs associated with the wall. Although the Region has no plans to urbanize this section of Yonge Street at this time, they have nonetheless completed the resurfacing of Yonge Street in the summer of 2014. As part of the resurfacing work, York Region has widened the paved shoulder area of the road from 1.0m to 2.25m, resulting in a significant improvement to the paved shoulder width and conditions that existed before 2014.

Council may wish to defer the project until such a time that York Region urbanizes this section of road. The Town would then partner with York Region to build a proper sidewalk without needing a retaining wall and excessive grading, but there is no way of knowing when that might occur. However, if Council chooses to direct staff to move ahead with the sidewalk project in 2015, an additional \$97,161.44 would be required from reserves due to the higher than expected tendered cost for the concrete sidewalk, substantive retaining wall, topsoil, sod, and excessive grading.

BUSINESS PLAN AND STRATEGIC PLAN LINKAGES

- Well-equipped & managed...Fiscal responsibility, clear vision of the future and aligned corporate/business plans.

HUMAN RESOURCE CONSIDERATIONS

No Impact to current staffing levels.

BUDGET IMPACT

Operating Budget

If Council directs staff to maintain this section of sidewalk in the winter months, plowing and salting are estimated to cost between \$500.00 and \$1,000.00 per year.

Capital Budget


If Council directs staff to defer this project, staff requests that the budget for this project be returned to reserves. However, if Council would like to proceed with the project, additional budget funds of \$97,161.44 will be required from the reserves which will increase the project budget to a total of \$342,161.44, inclusive of contingency (10%) and tax (1.76%).

CONTACT

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