



Date: Wednesday, June 7, 2023

From: Niall Loble, Acting CAO/Director Community Services & Operations

Subject: Extension of Scope of Works for Concession 24 and Concession 17

Report OPS2023-02

This document and its attachments are public and available in an accessible format upon request.

Recommendation

That Council approve waiving Bylaw 2019-047 being a bylaw for the procurement of goods and services, to allow for an amendment to the scope of work on Concessions 24 and 17, in the amount of \$126,412 (excluding HST) to be completed by Walker Construction Grey-Bruce, and,

That staff be directed to use funds in the Canada Community Building Fund (CCBF, formerly known as the Gas Tax fund), carried forward from 2022 to support this work.

Background

In May, 2023, as part of the budget process, Council awarded RFT-2023-02 to Walker Construction Grey-Bruce. This tender included resurfacing of Concession 24 and Concession 17.

In discussion with the proponent, they indicated that they had an alternative recommended approach to resurfacing which would result in a significant increase in the estimated life span of the new surface. There is an additional cost to this work, and Council support for incurring that additional cost is being sought.

Analysis

The as tendered reconstruction of Concession 24 and 17 included a traditional approach to materials and technique for removing and replacing the surface materials. This would achieve an estimated lifespan of 6-8 years before the asphalt surface would be expected to start to deteriorate, break down and start to fail.



One of the principal reasons that the asphalt starts to fail is that during application, Calcium is used as a binding/compaction agent. However, calcium also reacts with asphalt, and over time weakens it.

Walker Construction are proposing to eliminate the calcium in their revised approach, resulting in a longer lifespan of up to 8-12 years.

There are several advantages to the alternative approach and materials selection that has been proposed. In addition to not having a negative effect on the asphalt, the replacement binding agent has a great strength, allows for road access to be taken far sooner after application and is more environmentally sustainable as full recycled asphalt can be used, with a far lower reliance on virgin materials.

Details of the proposed alternative treatment are included in the attached documents.

However, while the proposed alternative method has distinct and notable benefits, there is a higher cost to the initial work. Staff note that the initial RFT did not contemplate an alternative construction technique, as has been proposed.

Council could direct staff to:

1. Continue with the work as initially scoped and tendered
2. Issue a sole source award, waiving the procurement bylaw, for the extended scope of work
3. Cancel the RFT and re-tender with an alternative scope of work

It is noted that options 1 and 2 above maintain the existing timeline for 2023 completion, option 3 would likely result in the work being tendered in 2023, but completed in 2024.

Financial Impact

The total additional cost for the alternative treatment of Concession 24 and 17 is \$126,412 (excluding HST, \$128,636.85 including non-refundable HST).

The Canada Community Building Fund had an unallocated carry forward balance of \$332,000 and staff recommend using this to support this additional scope of work, if approved.

Strategic Priorities

Core business.



Conclusion

Staff have been presented with an alternative construction technique for completing the previously awarded RFT2023-02 that would result in environmental enhancements and increased lifespan of the road surfaces. The proposed change in scope would carry an additional cost of \$126,412 (excluding HST, \$128,636.85 including non-refundable HST) and Council direction on proceeding with this work is sought.

Respectfully Submitted: Niall Loble, Acting CAO/Director of Community Services and Operations.