



The Corporation of the Municipality of Arran-Elderslie

Staff Report

Council Meeting Date: April 11, 2023

Subject: SRW.23.07 15 Sideroad, Elderslie Road Construction Project

Report from: Scott McLeod, Public Works Manager

Appendices: Appendix A: Location Map & Layout

Recommendation

Be It Resolved that Council hereby,

1. Approves the award of Item 1 – Earthworks to MacDonnell Excavating Ltd in the amount of \$203,691.31, inclusive of HST; and
2. That cost is funded by Project #21-TRAN-0002 ROADS 15 Sideroad Roadway.

Report Summary

The intent of this report is to award the earth works of the 15 Sideroad, Elderslie Construction Tender to MacDonnell Excavating Ltd.

Background

In 2014, it was identified that the existing two (2) Young bridges, located on Sideroad 15 in the Municipality of Arran-Elderslie, was required to be replaced due to age and condition.

Both structures had significant load restriction placed on them and were at a point where either the Municipality permanently closed these structures, which would create a dead end on the only through road that runs from the north end to the south end of the Municipality; or evaluate potential alternatives in order to provide continued use of this road network/corridor.

Through the course of the original Environmental Assessment, which was completed in November of 2014, various alternatives were considered.

These alternatives included:

- 1) do nothing
- 2) rehabilitate both bridges
- 3) replace both bridges
- 4) close the road and remove the bridges
- 5) reroute the river and install culvert and bypass channel
- 6) divert river and construct a new road to replace bridges
- 7) reroute the road around river and remove both bridges

After considering the economic, natural, physical and social impacts of these alternatives, the selected alternative in the original report was to replace the bridges. This selection was based on the impacts that the expropriation of land would have on the community and the feedback that was received during the public information sessions.

In 2015, the situation around the acquisition of land had changed. The Municipality entered negotiations with the landowner regarding the proposed location of the new road allowance and the terms for a willing sale of property.

As a result, the revised selected alternative was to proceed with construction of a road allowance along the west end of the property abutting the west side of the existing road allowance.

The new road allowance would bypass the existing watercourse and structures and thus avoid the need to replace the bridges.

Council endorsed this recommendation on November 9, 2015.

In 2021, through successful negotiations the lands required for the new road allowance was obtained from the landowners Brubacher and MacDermid and subject to the terms and conditions of an agreement the anticipated date for the construction of the new road to be completed by January 1, 2024.

Analysis

The project has progressed through the many necessary stages and approvals over the past eight years. A tender for the project was prepared by staff and issued on March 2, 2023 and closed on March 15, 2023. The tender included two sections:

- Item 1 was earthworks putting new roadway on sub-grade conditions.
- Item 2 was provisional in the tender with the Supply and Apply of Granular B gravel.

With Item 1, staff, engineer, landowners, and the contractor attended a site meeting to confirm the expectations for the project. Item 2 being provisional, staff has determined the supply and apply of B-gravel can be done in-house using the local pits for the aggregate. Samples have been collected and sent away for confirmation.

Tenders were received from eight (8) contractors for the project.

ITEM 1 – EARTHWORKS

CONTRACTOR	BID	HST	TOTAL BID
Karcher Construction			
EC King Contracting	\$ 262,211.80	\$ 34,087.53	\$ 296,299.33
RF King Holdings	\$ 198,712.03	\$ 25,832.56	\$ 224,544.59
H. Kerr Construction	\$ 357,376.25	\$ 46,458.91	\$ 403,835.16
MacDonnell Excavating	\$ 180,257.80	\$ 23,433.51	\$ 203,691.31
Roubos Farm Service	\$ 240,020.08	\$ 31,202.61	\$ 271,222.69
Bluewater Landscaping	\$ 262,032.19	\$ 34,064.19	\$ 296,096.38
Kurtis Smith Excavating	\$ 295,916.00	\$ 38,469.08	\$ 334,385.08

ITEM 2 - GRANULAR B - SUPPLY & APPLY- PROVISIONAL

CONTRACTOR	PER TONNE	HST	TOTAL BID
Karcher Construction	\$ 8.70	\$ 1.13	\$ 123,182.43
EC King Contracting	\$ 19.25	\$ 2.50	\$ 272,558.83
RF King Holdings	\$ 12.00	\$ 1.56	\$ 169,906.80
H. Kerr Construction	\$ 15.00	\$ 1.95	\$ 212,383.50
MacDonnell Excavating	\$ 19.00	\$ 2.47	\$ 269,019.10
Roubos Farm Service	\$ 20.65	\$ 2.68	\$ 292,381.29
Bluewater Landscaping	\$ 14.45	\$ 1.88	\$ 204,596.11
Kurtis Smith Excavating	\$ 7.68	\$ 1.00	\$ 108,740.35

After reviewing the tender forms and undertaking a project site meeting, staff recommend that:

- Item 1 – Earthworks be awarded to MacDonnell Excavating.
- Item 2 – Granular B – Supply and Apply tender be withdrawn and work completed by municipal staff from local aggregate pits.

Link to Strategic/Master Plan

6.1 Protecting Infrastructure, Recreation and Natural Assets

Financial Impacts/Source of Funding/Link to Procurement Policy

The project has continued over several years with a total spent from 2016 to 2022 of \$222,549.40.

The approved 2023 Capital Budget includes \$730,000 for project #21-TRAN-0002 ROADS 15 Sideroad Roadway of which, \$465,300 is a carry forward from the previous year funded by reserves and \$264,700 is a 2023 budget increase funded by Ontario Community Infrastructure Fund (OCIF).

Staff have already purchased the A-Gravel that will be used for the roadway through the 2023 Supply and Apply Tender at a total cost after HST rebate of \$53,134.97.

After the HST rebate is applied the costs are as follows:

- Item 1 - \$183,430.46
- Item 2 - \$97,924.12

That would leave a remaining budget of \$395,510.45 for engineering costs and other provisional items that may arise during construction and completion.

Approved by: Sylvia Kirkwood, Chief Administrative Officer