
REPORT TITLE: **Bridge Replacement on King Street East, East of Humber Lea Road, and Bridge Expansion Joint Seal Replacement on King Street East, East of Old King Road, Town of Caledon, Wards 5 and 6**

FROM: Kealy Dedman, Commissioner of Public Works

RECOMMENDATION

That the contract (Document 2022-679T) for Bridge Replacement on King Street East, east of Humber Lea Road, and Bridge Expansion Joint Seal Replacement on King Street East, east of Old King Road, Town of Caledon, Projects 15-4830 and 15-4840, be awarded to Alliance Verdi Civil Inc. in the estimated amount of \$2,996,205.25 (excluding applicable taxes), pursuant to Procurement By-law 30-2018, as amended.

REPORT HIGHLIGHTS

- A Request for Tender for the Bridge Replacement on King Street East, east of Humber Lea Road, and Bridge Expansion Joint Seal Replacement on King Street East, east of Old King Road, Town of Caledon, was issued on Wednesday, January 11, 2023, and subsequently closed on February 10, 2023.
 - A thorough review of all submissions was undertaken by the Region's engineering consultant Ainley & Associates Limited (Ainley Group), as well as Regional staff. The low bid submission of Enscon Ltd. did not satisfy the reference requirements of the bid document.
 - Staff recommends awarding the contract to the second lowest submission, submitted by Alliance Verdi Civil Inc., having satisfied the reference requirements of the bid documents and with a bid difference of only \$16,075.25 on a \$2.9M contract.
 - In accordance with Procurement By-law 30-2018, as amended, the award of this contract requires Council approval.
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DISCUSSION

1. Background

In 2017, the Region of Peel identified that Bridge #090120 and Bridge #090140 required structural rehabilitation, based on biennial inspection reports. The recommended improvements to the bridges include semi-integral conversion and patching of deteriorated girders, concrete deck replacement and asphalt replacement.

The Region retained Ainley & Associates Limited (Ainley Group) to undertake the detailed design for the bridge structures. Additional investigations performed by Ainley Group discovered that Bridge #090140 was in a severely deteriorated state, more than was previously reported. Life-cycle cost analysis of the bridges concluded that the most economically viable long-term solution was to fully replace Bridge #090140 and make minor repairs to Bridge #090120.

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Replacing Bridge #090140 will allow for wider sidewalks, safety improvements, compliance with updated standards, and a life span of 75 years. Bridge #090120 requires only replacement of expansion joint seal at this time. This measure will prolong the lifespan of the bridge until such time that a replacement is required.

2. Procurement Process

This procurement relates to an approved project for the two bridges on King Street East, Bridge #090120, east of Old King Road and Bridge #090140, east of Humber Lea Road in Bolton, Wards 5 and 6. This was identified through the Transportation State of Good Repair Program, approved by Council via Resolution 2013-929. The existing budget was approved under Council Resolution RCB-2015 18.

A Request for Tender (Document 2022-679T) for the Bridge Replacement on King Street East, east of Humber Lea Road, and Bridge Expansion Joint Seal Replacement on King Street East, east of Old King Road, Town of Caledon, was issued on Wednesday, January 11, 2023. There were 43 Plan Takers.

This procurement was advertised in accordance with the terms of the Comprehensive Economic and Trade Agreement (CETA), Canadian Free Trade Agreement (CFTA), and other applicable trade agreements.

Twelve (12) submissions were received on the closing date of Friday, February 10, 2023. The tender opening results are summarized in the table below:

Bidders	Submitted Bid Amount (excluding applicable taxes)
Enskon Ltd.	\$ 2,980,130.00
Alliance Verdi Civil Inc.	\$ 2,996,205.25
Esposito Bros. Construction Ltd.	\$ 3,382,082.97
Lancoa Contracting Inc.	\$ 3,473,301.30
KAPP Infrastructure Inc.	\$ 3,534,536.90
Graham Bros. Construction Limited	\$ 3,786,859.99
2220742 Ontario Ltd o/a Bronte Construction	\$ 3,904,668.20
Marbridge Construction Ltd.	\$ 3,947,000.00
Nuroad Construction Limited	\$ 3,983,539.44
Belor Construction Ltd.	\$ 4,287,199.10

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Bidders	Submitted Bid Amount (excluding applicable taxes)
2274084 Ontario LTD o/a GMP Contracting	\$ 4,417,217.56
Clearwater Structures Inc.	\$ 4,687,096.00

In reviewing the bids, it was noted that Enscon Ltd. (Enscon) has not worked for the Region of Peel previously. As such, the Region's external project consultant Ainley Group conducted reference checks based on references provided by Enscon. It was determined that the references did not meet the Region's requirements. Ainley Group therefore proceeded to perform reference checks on the second low bidder, Alliance Verdi Civil Inc. The reference checks indicated satisfactory performance on previous projects and met the Region's reference requirements. Staff are therefore recommending that the contract be awarded to Alliance Verdi Civil Inc.

The Region reserves the right in its procurement documents to carry out a full evaluation of bid submissions, including a review of references provided by bidders, and to consider the results of such evaluation in determining the bid that represents the best value to the Region.

As such, staff are recommending that the contract be awarded to Alliance Verdi Civil Inc. in the estimated amount of \$2,996,205.25 (excluding applicable taxes), as the bid representing the best value to the Region. Its references are satisfactory to Regional staff and Ainley Group. The submitted price represents an increase of \$16,075.25 over the lowest submission and is within the expected budget for the project.

Pursuant to Procurement By-law 30-2018, as amended, this award requires Regional Council approval.

RISK CONSIDERATIONS

The bridge replacement project is an important project required to ensure public safety. The project will require a full road closure with detours. Therefore, timely completion of the project is necessary to honour the Region's commitment to residents that the project will be completed by the end of 2023, allowing the reopening of this major eastern connection through Downtown Bolton. The completion of the project by the vendor with the bid submission which has been determined as demonstrating the best value to the Region will mitigate the risk of project delays and additional costs to the Region.

FINANCIAL IMPLICATIONS

Sufficient funding is available within existing approved capital cost projects 15-4830 and 15-4840 to fund the contract award of \$2,996,205.20 (excluding applicable taxes).

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CONCLUSION

Following a full evaluation of the bid submissions submitted in response to Request for Tenders 2022-679T by staff and the Region's external consultant, Ainley Group, including a thorough review of references, it is recommended that the contract 2022-679T be awarded to Alliance Verdi Civil Inc., in the estimated amount of \$2,996,205.25 (excluding applicable taxes) as the bid representing the best value to the Region.

APPENDICES

Appendix I – Project Location Map



Kealy Dedman, Commissioner of Public Works

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