
Subject: Award of Contract No. 2021-T-70 – Reconstruction of Regional Road 1 (Dominion Road) from Beachview Avenue to Lakeshore Road in the Town of Fort Erie

Report to: Public Works Committee

Report date: Tuesday, December 7, 2021

Recommendations

1. That Contract 2021-T-70 – Reconstruction of Regional Road 1 (Dominion Road) from Beachview to Lakeshore Road, in the Town of Fort Erie, **BE AWARDED** to Rankin Construction Inc., at their bid price of \$7,218,174.45 (including 13% HST).

Key Facts

- The purpose of this report is to seek Council's approval to award Contract 2021-T-70 for the Reconstruction of Regional Road 1 (Dominion Road) from Beachview to Lakeshore Road, in the Town of Fort Erie to Rankin Construction Inc.
- The Purchasing By-law 2016-02 requires that Council approve tender awards greater than \$5,000,000.
- The section between Lakeshore Road and Beachview Avenue is deficient in terms of road surface condition, drainage, and intersection geometry. The Region intends to reconstruct this section of roadway to eliminate these deficiencies. In order to proceed with the reconstruction the Region retained a consultant to prepare the detailed design for the reconstruction, intersection improvements, illumination, and infrastructure improvements. Some issues to be addressed include sight lines, sidewalk issues, cycling facilities and drainage.
- A public tender process was initiated and a total of three (3) bids were received with the lowest bid being \$6,387,765.00 (excluding taxes) from Rankin Construction Inc.
- The Town of Fort Erie and the Niagara Parks Commission are cost sharing partners in this project and have a total combined contribution of \$722,800 (with respective contributions of \$125,427 for the Town of Fort Erie and \$597,373 for the Niagara Parks Commission) related to the construction of roundabout, storm sewers, watermain insulation, and sidewalks.

Financial Considerations

A full budget breakdown can be found in Appendix 3 Total Estimated Project Cost. Total approved budget for the project is \$8,297,800 with \$611,857 spent and committed to date. In mid-November 2021, staff increased the cost sharing contribution budget for cost sharing agreements executed under delegated authority from \$100,000 to \$125,427 for the Town of Fort Erie; and from \$350,000 to \$597,373 for the Niagara Parks Commission.

The two (2) cost sharing agreements have been executed by the Niagara Region, the Town Fort Erie and the Niagara Parks Commission.

Analysis

- Regional Road 1 (Dominion Road) connects the Fort Erie Urban Area and the Crystal Beach Urban area and is an important regional transportation corridor. It runs from Lakeshore Road (at the Historic Old Fort Erie) to Gorham Road in the village of Ridgeway. The section of Dominion Road to be addressed in the construction is located between Lakeshore Road and Beachview Avenue.
- Niagara Region retained AECOM, to undertake the detailed design for the project through a competitive procurement process under 2015-RFP-34.
- The project proceeded in accordance with the Municipal Class Environmental Assessment Schedule A+ process. A Key Plan of this area is included as Appendix 1.
- The proposed improvements for Dominion Road include a two lane urban cross section from Albert Street to Lakeshore Road and rural cross section from Beachview Avenue to Albert Street, bicycle lanes the entire length, lighting improvements, sidewalks on both sides (within urbanized section), and construction of a roundabout at the intersection of Dominion Road and Lakeshore Road.
- A public tender process was initiated on Thursday October 7, 2021, to obtain tenders for the Reconstruction of Regional Road 1 (Dominion Road) From Beachview Avenue to Lakeshore Road. Niagara Region received three (3) electronic bids on Tuesday November 2, 2021.
- Niagara Region's Procurement & Strategic Acquisitions reviewed the bids received for compliance, and determined that all bids were compliant.

- Regional Staff reviewed the bids received and recommend the award of Tender 2021-T-70 to Rankin Construction Inc. at their bid price \$6,387,765.00 (excluding HST) as noted in Appendix 2.
- Contract award requires resources from Corporate Services in order to execute the required contract documents. Transportation Engineering staff will be providing resources throughout the project in order to manage the contract with assistance from Corporate Services on contract/project payments.
- The Consultant was awarded the Detailed Design in 2015, at which time the Contract Administration (CA) and Inspection (I) were not included within the RFP documents. Niagara Regional Transportation Staff will be providing the necessary CA and Inspection.

Alternatives Reviewed

The pavement condition is identified as poor within the project limits with a Pavement Condition Index (PCI) of 37 and is included in the Asset Management Plan (AMP). The road structure continues to deteriorate and will require advanced maintenance if further delayed.

Although alternatives are limited on a road reconstruction project, road design elements were reviewed as part of the detailed design process.

The intersection of Lakeshore Road and Dominion Road has a unique configuration with one-way legs and unusually skewed approaches. This creates confusion for some drivers, especially tourists not familiar with the area. Early in the project initiation stages, methods of improving intersection control at Lakeshore Road and Dominion Road were considered; traffic signal or roundabout. The Niagara Parts Commission was involved in the review of intersection control options. As a result of that collaboration it was determined that a roundabout was the preferred method of improving the safety of this intersection and that option was carried through the detailed design.

Relationship to Council Strategic Priorities

This recommendation relates to the Responsible Growth and Infrastructure Planning strategic priority since the planned upgrades will ensure reliable and effective transportation modes including an inter-connection of various types of transportation.

Other Pertinent Reports

Not applicable.

Prepared by:

David Lampman, C.E.T
Project Manager, Transportation
Engineering
Public Works Department

Recommended by:

Bruce Zvaniga, P.Eng.
Commissioner of Public Works (Interim)
Public Works Department

Submitted by:

Ron Tripp, P.Eng.
Chief Administrative Officer

This report was prepared in consultation with Frank Tassone, Associate Director Transportation Engineering, Tracie Byrne, Manager Purchasing Services, Dan Ane Manager, Program Financial Support, Sterling Wood, Legal Counsel and reviewed by Carolyn Ryall, Director Transportation Services.

Appendices

Appendix 1	Key Plan
Appendix 2	Summary of Bids Received
Appendix 3	Total Estimated Project Cost