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Date: March 15, 2021
To: Mayor and Council
Author: Tim Del Greco, Manager of Engineering
RE: Road 11 Bridge over Ruscom River – Tender Results
Report No.: IED 2021 – 15

AIM

To award a tender for replacement of the Road 11 Bridge over Ruscom River.

BACKGROUND

Biennial inspection of bridges and culverts with a span equal to or exceeding 3.0 meters in length is mandated by the Public Transportation and Highway Improvement Act. In 2019, AUE Structural was procured to facilitate such inspection within the Town of Kingsville. Following inspection, a report was generated for each bridge and culvert indicating current condition ratings, recommendations for rehabilitation or replacement if required, and an estimation of costs for any recommended works.

DISCUSSION

The Road 11 Bridge over Ruscom River, built in 1970, is a cast-in-place concrete structure. It measures 12.3 meters in length and 9.2 meters in width. A map of the bridge location is attached in Appendix A for your reference. The 2019 bridge inspection report indicates the following deficiencies:

- Scaling, cracks, and spalls with exposed concrete reinforcement
- Settlement of roadway indicating material defects in decking
- Extensive delamination noted on abutment walls
- Structure is generally in poor condition

Based on the above conditions, the engineer's recommendation is to remove and replace the bridge.

Dillon Consulting was retained in 2019 to begin preparation of the necessary drawings, specifications, and tender documents. The final tender package seeking bridge replacement was advertised to the public on February 18, 2021 and closed on March 11, 2021. The results (excluding HST) of the top three bids are as follows:

Contractor / Vendor Name	Bid
Intrepid General Limited	\$924,442
Front Construction Industries Inc.	\$970,700
Sterling Ridge Infrastructure Inc.	\$1,084,623

Intrepid General is able to satisfy requirements relating to experience with similar projects, bonding, and insurance while providing the lowest cost proposal. Therefore, the recommendation is to proceed with this vendor. Dillon Consulting also conducted a review of the tender results (see Appendix B) and have provided the same endorsement of Intrepid General.

LINK TO STRATEGIC PLAN

To become a leader in sustainable infrastructure renewal and development.

FINANCIAL CONSIDERATIONS

The award of \$924,442 is within the amount budgeted for this project in the 2021 Capital Budget.

CONSULTATIONS

Kingsville Administration
Dillon Consulting

RECOMMENDATION

That Council award the Road 11 Bridge over Ruscom River Tender to Intrepid General in the amount of \$924,442 (excluding HST) and authorize the Mayor and Clerk to execute the requisite agreement.

Tim Del Greco

Tim Del Greco, P.Eng
Manager of Engineering

G. A. Plancke

G.A. Plancke, Civil Eng. Tech (Env.)
Director of Infrastructure Services