



County Council

Meeting Date: October 26, 2021
Submitted by: Chris Traini, County Engineer
SUBJECT: Emergency Bridge Repair – Nairn Bridge

BACKGROUND:

Due to a significant failure in one of the exterior beams, the Nairn Bridge has been reduced to a single lane of traffic and is in urgent need of repair to prevent a more serious failure of the structure.

ANALYSIS:

Dillon Consulting has been managing the repair program and they reached out to bridge contractors on the County's behalf in an effort to find a firm that would be able to complete the emergency repair by the end of 2021 and allow for a full re-opening of the structure for the winter.

Two firms were able to provide bids for the tender, which were reviewed for compliance by Dillon. McLean Taylor provided the low bid of \$137,868.59 including HST and a \$20,000 contingency allowance. A recommendation letter provided by Dillon is attached.

The work is expected to commence in late October or early November and will take approximately 30 days during which time the bridge will be closed to traffic. The repair will allow for the bridge to be safely reopened to traffic while a more detailed and robust rehabilitation is being designed and planned for 2022.

FINANCIAL IMPLICATIONS:

The cost of the repair will be drawn from reserves and repaid as part of the 2022 capital bridge budget so there will be no impact on the 2021 budget.

RECOMMENDATION:

That the bid by McLean Taylor Construction Limited in the amount of \$137,868.59 for the emergency repairs to the Nairn Bridge be accepted.

Attachments

October 12, 2021

County of Middlesex
399 Ridout Street North
London, Ontario
N6A 2P1

Attention: Mr. Chris Traini, P.Eng.
County Engineer

Repairs to Nairn Bridge
Bridge over Ausable River, near Nairn Ontario
Project Number M-G-21

Dear Mr. Traini:

A total of two tenders were received for this project on October 8, 2021. The tenders are listed below in ascending order and include the \$20,000 Contingency Allowance and 13% HST.

<u>Tenderer</u>	<u>Submitted Price</u> <u>Price</u>	<u>Corrected</u>
McLean Taylor Construction Limited	\$137,868.59	
Facca Incorporated	\$212,780.00	\$232,780.00

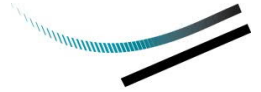
Copies of all tenders were provided to us and checked for mathematical errors. Mathematical errors were found with the tender submitted by Facca Incorporated, which did not include the contingency allowance in the tender price. The corrected price does not affect the overall outcome.

Addenda: Both Tenderers acknowledged receipt of Addendum No. 1.

Tender Prices: The two tenders were checked for unbalanced prices. The unit prices for concrete removal and concrete patch repairs are considered to be high compared to industry benchmarks; however, recognizing the small quantities expected on the project and the overall value of concrete work, the higher unit prices and total item price appears realistic. The remaining item prices submitted appear reasonable given the nature of the work. The discrepancy between the two tender prices was significantly related to the cost of construction access and structural steel repair.

Ability and Experience: McLean Taylor Construction Limited (McLean Taylor) has completed several projects of similar or greater size and scope.

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We consider McLean Taylor is adequately experienced and capable of constructing this contract, and we recommend that the County accept their tender for the price of \$137,868.59, and award the 2021 Repairs to Nairn Bridge, M-G-21 to McLean Taylor.

A draft Acceptance of Tender letter and Form of Agreement is attached for your review. Please let us know if you have any comments prior to sending the letter and Contract for execution to McLean Taylor.

Yours sincerely,

DILLON CONSULTING LIMITED

Brent Visscher, P.Eng.,
Project Manager

BTV:btv

Our file: 21-2363