



THE CORPORATION OF THE TOWN OF AMHERSTBURG
OFFICE OF ENGINEERING & INFRASTRUCTURE SERVICES

Mission Statement: As stewards of the Town of Amherstburg, we strive to improve the quality of life of all residents through the delivery of effective, efficient, and affordable services.

Author's Name: Jesse Daudlin	Report Date: June 6, 2024
Author's Phone: 519 736-3664 ext. 2319	Date to Council: June 25, 2024
Author's E-mail: jdaudlin@amherstburg.ca	Resolution #:

To: Mayor and Members of Town Council

Subject: Culvert #45 & #77 Replacement – Tender Results

1. **RECOMMENDATION:**

It is recommended that:

1. Council **AUTHORIZE** the Chief Administrative Officer and Clerk to execute an agreement with Rudak Excavating Inc., for services outlined in the tender documents in the amount of \$397,200 plus HST, subject to approval of content by the Director of Infrastructure Services and to financial content by the Director of Corporate Services/Chief Financial Officer; and,
2. The surplus funding previously approved for this project in the amount of \$570,000 **BE RETURNED** to the General Reserve (0400);
3. Council **AUTHORIZE** the Chief Administrative Officer, or designate, to amend the agreement with Rudak Excavating Inc. if required to expand the scope of the work plan, provided such additional services remain within the remaining total project funding of \$580,000 inclusive of HST and subject to approval of content by the Director of Infrastructure Services and to financial content by the Director of Corporate Services/Chief Financial Officer.
4. Council **DIRECT** that any surplus funding realized upon completion of the project (722013 & 722014) be immediately returned to the General Reserve Fund (0400).

2. **BACKGROUND:**

Culvert #45 is located on Concession Road 6 North between Texas Road and Alma Street. It was identified in the highest priority culvert for replacement in the 2022 Bridge Inspections Report. Culvert #77 is located on North Side Road Between Concession Road 5 North and Concession Road 6 North. It was identified in the second highest priority culvert for replacement in the 2022 Bridge Inspections Report.

An RFP for engineering services was issued in the spring of 2023 and an agreement with RC Spencer was executed by the CAO on April 25th, 2023.

3. DISCUSSION:

On April 25, 2024 the Town advertised a Request for Tender (RFT) online for the Replacement of Culvert #45 & #77 via Bids and Tenders and on the Town's website. Tenders closed for this project at 11:00 a.m. on May 16, 2024. The Town received five tender submissions that were processed electronically via the Bids and Tenders system.

The tenders were reviewed electronically to ensure there were no mathematical errors or omissions. The tender results are:

	Bidder	Tender Amount (excluding HST)
1.	Rudak Excavating Inc.	\$ 397,200.00
2.	SheaRock Construction Group Inc.	\$ 399,000.00
3.	South Shore Contracting Inc.	\$ 419,095.00
4.	Nevan Construction Inc.	\$ 455,375.00
2.	Murray Mills Excavating and Trucking Limited	\$ 476,445.00

RC Spencer Associates Inc. is the consulting engineer that completed the detailed design for this project. They have completed the review of the tender submissions and have recommended that the tender be awarded to the lowest bidder, Rudak Excavating Inc., Administration concurs with this recommendation.

Administration notes that the bids received are significantly lower than the original budget established using the 2022 Bridge Needs Study and lower than the budget estimate provided by RC Spencer. This recent tender cost will be provided the engineer who is completing the 2024 Bridge Needs Study and will be used to adjust future budget estimates accordingly.

2nd Concession Road Reconstruction

The 2nd Concession Road Reconstruction project was awarded by Council in January 2024 at a total project cost of \$4,038,005. When the project was about 30% completed it was identified that the project progress was not aligning with the tender items. A review of the tender item values by the consulting engineer (Hrycay Consulting) revealed that a significant area of the road reconstruction had be omitted from their calculations. This omission resulted in the tender quantities for excavation, granular placed, and asphalt tonnage being significantly undervalued and not in line with the work being completed or the materials being used. Administration is recommending that \$475,000 for the Reserve Fund – General be used to approve the budget shortfall. Further details on the 2nd Concession North Budget Exceedance are included in a separate Council report.

4. RISK ANALYSIS:

Not awarding this work would delay the replacement and improvements to infrastructure and could expose the Town to increased liability with respect to the condition of the bridge. Potential for road closures exists if scheduled culvert replacements are not completed.

5. FINANCIAL MATTERS:

Based on the recommended tender and contract for design engineering/project management services, the financial impact for the project is estimated as follows:

Culvert #45 & #77 Replacement	Budget (2)	Actual (incl. net HST)	Variance (over)/under
Cost:			
Engineering (1)	\$100,000	\$74,830	
Construction – Tender Pricing	\$ 1,050,000	\$ 404,191	
Total Project Cost	\$ 1,150,000	\$ 479,021	\$ 670,979
Funding:			
Reserve – General Fund (0400)	\$ 1,150,000	\$ 479,830	\$ 670,170
Total Project Funding	\$ 1,150,000	\$ 479,021	\$ 670,979

1. \$100,000 was included in the 2022 Budget for engineering design.
2. Budget will be reduced to \$580,000 with council adoption of recommendations

6. CONSULTATIONS:

RC Spencer

7. CORPORATE STRATEGIC ALIGNMENT:

Vision: Preserving our past while forging our future.

<p style="text-align: center;">PILLAR 1 Deliver Trusted & Accountable Local Government</p> <ul style="list-style-type: none"> <input type="checkbox"/> Improve trust between council and staff, and residents, by strengthening governance and internal accountability structures. ✓ Deliver transparent and efficient financial management. <input type="checkbox"/> Increase effective communication and engagement with residents. <input type="checkbox"/> Develop our staff team, resources, and workplace culture. <input type="checkbox"/> Continue to deliver strong core municipal services. <input type="checkbox"/> Ensure Amherstburg is an inclusive accessible and welcoming community committed to reconciliation. 	<p style="text-align: center;">PILLAR 3 Encourage Local Economic Prosperity</p> <ul style="list-style-type: none"> <input type="checkbox"/> Encourage development of commercial and industrial lands. <input type="checkbox"/> Continue to promote local tourism industry, especially overnight accommodation. <input type="checkbox"/> Continue to facilitate downtown development for residents and visitors. <input type="checkbox"/> Continue to leverage partnership opportunities with other provincial, federal, and local governments, agencies, and organizations.
<p style="text-align: center;">PILLAR 2 Invest in Community Amenities and Infrastructure</p> <ul style="list-style-type: none"> ✓ Maintain safe, reliable and accessible municipal infrastructure and facilities. <input type="checkbox"/> Increase access to recreation opportunities for all ages. <input type="checkbox"/> Finalize and execute plans for town-owned lands (e.g. Duffy’s site, Belle Vue) <input type="checkbox"/> Create public access to water and waterfront <input type="checkbox"/> Prioritize opportunities to reduce environmental impacts of Town operations and increase Town resilience to climate change. 	<p style="text-align: center;">PILLAR 4 Shape Growth Aligned with Local Identity</p> <ul style="list-style-type: none"> <input type="checkbox"/> Define and communicate a vision for the Town’s future and identity. <input type="checkbox"/> Promote and plan for green and “climate change ready” development. <input type="checkbox"/> Review and implement policies that promote greater access to diverse housing. <input type="checkbox"/> Protect the Town’s historic sites and heritage. <input type="checkbox"/> Preserve the Town’s greenspaces, agricultural lands, and natural environment.

8. CONCLUSION:

Administration is recommending that Council authorize an agreement with Rudak Excavating Inc. to complete the replacement of Culvert 45 & Culvert 77.



Jesse Daudlin
Engineering Technologist

Report Approval Details

Document Title:	2024 06 25 - Tender Results - Culvert 45 and 77 Replacements.docx
Attachments:	- Letter of Recommendation Tender Bids - RC Spencer.pdf
Final Approval Date:	Jun 13, 2024

This report and all of its attachments were approved and signed as outlined below:



Antonietta Giofu



Tracy Prince



Valerie Critchley



Kevin Fox