



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: Eric Chamberlain	Report Date: April 29, 2024
Author's Phone: 519 736-3664 ext. 2312	Date to Council: May 13, 2024
Author's E-mail: echamberlain@amherstburg.ca	Resolution #:

To: Mayor and Members of Town Council

Subject: Fraserville Outfall Liner Project Tender Awarded

1. RECOMMENDATION:

It is recommended that:

1. The Fraserville Outfall Liner Project (#722025) **BE AWARDED** to Clearwater Structures Inc. in an amount not to exceed \$261,555 inclusive of HST;
2. The shortfall in funding for the Fraserville Outfall Liner Project (#722025) in the amount of \$144,800 **BE FUNDED** by a reduction of \$144,800 (General Reserve 0400) from the approved Annual Bridge Maintenance Project (#724038) and those funds redirected to the Fraserville Outfall Liner Project (#722025); and,
3. The Mayor and Clerk **BE AUTHORIZED** to execute an agreement with Clearwater Structures Inc. for the completion of Fraserville Outfall Liner Project.

2. BACKGROUND:

On October 26, 2021, Infrastructure Services was advised of storm sewer failure along the river side of Sandwich Street near Duff Avenue. The storm sewer was found to be constructed of three layers of brick in good to fair condition. This project would install a structural liner to reinforce the brick storm sewer. The brick sewer starts 10 metres from the edge of Detroit River and runs to the east side of Sandwich Street North. The storm

sewer provide outlet for the storm sewers in Fraserville area as well as supports 4 lane highway and multiple utility infrastructure.

Since the 2022 approved budget, Administration has completed the RFP to gain the services of TY Lin International Canada to prepare plans and tender specifications for this project. The consulting firm has been completing research on the various liner applications to narrow down the most effective and efficient process to reinforce the brick storm sewer.

The Town advertised a Request for Tenders (RFT) for the Lining Fraserville Storm Outfall on February 2, 2024.

3. DISCUSSION:

The RFT closed for this project at 12:00 p.m. on Thursday, February 29, 2024 (BT#2023-041). The Town received three (3) tender submissions that were processed electronically via the Bids and Tenders system.

Administration completed a review of the tenders for mathematical errors and compliance to the Town's Procurement Policy.

The tender results are as follows:

<u>Bidder</u>	<u>Tender Amount (excluding HST)</u>
1. Clearwater Structures Inc.	\$ 314,309
2. 2274084 Ontario Ltd/GMP Contracting	\$ 314,662
3. Jones Group Ltd.	\$ 479.380

Since the submission, the consulting firm has reached out to the low bidder to review the cost and has been able to reduce the cost from \$314,309 to \$257,031.

4. RISK ANALYSIS:

The storm sewer outlet provides drainage to the Fraserville Subdivision as well as road water from Sandwich Street North. Further failure could cause flooding concerns within the watershed area, compromise the integrity of the highway and impact numerous utilities and services near the failure point. Furthermore, the sewer depth makes the repair and/or replacement difficult and costly.

5. FINANCIAL MATTERS:

The 2022 Capital Budget included \$200,000 for the Fraserville Storm Sewer Outfall Project. In 2022, the engineering was awarded to TY Lin International Canada to prepare plans and tender specifications for this project.

The financial impact for the recommended contract would be as follows:

Fraserville Outfall Liner Project #723003	Budget	Actual (incl. net HST)	Variance (over)/under
Cost:			
Fraserville Outfall Liner Project - Capital	\$200,000	\$261,555	
Engineering Consulting		\$83,245	
Total Project Cost	\$200,000	\$344,800	(\$144,800)
Funding:			
0400 Reserve General Fund	\$200,000	\$344,800	(\$144,800)
			-
Total Funding - Capital	\$200,000	\$344,800	(\$144,800)

There is sufficient funding in the Annual Bridge Maintenance Program to address the 2024 requirements. As such a portion of the approved funding for that project can be reduced by \$144,800 and those funds redirected to the Fraserville Outfall Liner project to cover the shortfall in funding allowing the project to proceed immediately.

The project has a contingency amount of \$10,000 included in the contract.

6. CONSULTATIONS:

Procurement

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7. CORPORATE STRATEGIC ALIGNMENT:

Vision: Preserving our past while forging our future.

<i>Amherstburg Community Strategic Plan 2022 - 2026</i>	
<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. <input type="checkbox"/> 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"> <input checked="" type="checkbox"/> 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:

The construction of a liner for the Fraserville Storm Sewer Outfall is necessary to reinforce the current brick sewer and to protect the four-lane highway and multiple infrastructure providing services to the Town of Amherstburg. Administration is recommending that the contract for the liner project be awarded to Clearwater Infrastructure Inc in the sum of \$261,555, inclusive of HST.



Eric Chamberlain

Manager of Roads and Fleet

Report Approval Details

Document Title:	Fraserville Outfall Liner Project Tender Awarded.docx
Attachments:	
Final Approval Date:	May 2, 2024

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



Antonietta Giofu



Tracy Prince

**No Signature - Task assigned to Valerie Critchley was completed by assistant
Melissa Osborne**

Valerie Critchley



Kevin Fox