



The Corporation of the Town of Tecumseh

Public Works & Environmental Services

To: Mayor and Members of Council

From: Phil Bartnik, Director Public Works & Environmental Services

Date to Council: May 11, 2021

Report Number: PWES- 2021-22

Subject: Manning Road Pump Station, Fish Pond Inlet Erosion Repair – Tender Award

Recommendations

It is recommended:

That the low tender from SheaRock Construction Group Inc. in the amount of \$129,790 plus HST, for the Manning Road Pump Station, Fish Pond Inlet Erosion Repair Tender, **be approved;**

And that the Mayor and Clerk **be authorized** to enter into a contract for the services with SheaRock Construction Group Inc.;

And further that funding allocations, reflecting a \$59,448 increase, **be funded** from the Storm Lifecycle Reserve.

Background

The Manning Road Pump Station, located on Riverside Drive at the intersection of Manning Road, was reconstructed in 2012 as part of the Manning Road Improvement Project, Phase 1. A fish habitat enhancement area was incorporated into the pump station reconstruction project as required in the authorization from the Department of Fisheries and Oceans (DFO) to prevent the harmful alteration, disruption or destruction of fish habitat for the enclosure of a portion of the East Townline Drain related to the construction of the pump station.

A combination of record high water levels of Lake St. Clair and strong winds has caused erosion of the east bank of the pond inlet due to wave action. Slumping of the east bank has subsequently exposed electrical conduits. Continued erosion could potentially undermine the stability of the decorative fence and undermine the adjacent walkway compromising the integrity of the walkway and safety to pedestrians.

Following a review of the bank failure, an armour stone revetment was found to be required, which would consist of quarried armour stone blocks placed over an under layer of rip-rap or gabion stone and geotextile. These erosion control structures are durable and perform well under the prevailing lake conditions.

At the June 9, 2020 Regular Meeting of Council, Council approved recommendations of Report No. PWES-2020-19 titled “Amend 2020-2024 PWES Five Year Capital Works Plan, Manning Road Pump Station – Fish Pond Inlet Erosion Repair” that authorized Administration to proceed with the project (Motion: RCM-187/20).

Comments

A tender was advertised on the Town’s website on February 3, 2021, and also posted on the Town’s bids and tenders account. Three (3) bids were received on February 18, 2021 and were opened virtually in the presence of Administration and the Purchasing Officer. All bids were significantly over budget, ranging between \$143,000 to \$327,000, and administration felt that retendering would result in better prices due to timings of work and DFO requirements.

A second tender was advertised on the Town’s website on March 10, 2021, and also posted on the Town’s bids and tenders account. Seven (7) tender submissions were received on April 1, 2021 and were virtually opened in the presence of Administration and the Purchasing Officer.

Tenderer	Total Tender Price (excluding tax)
Shearock Construction Group Inc.	\$129,790
QM LP, dba QM Environmental	\$131,651
South Shore Contracting of Essex County	\$143,085
Sterling Ridge Group	\$169,232
GU Contracting	\$184,501
Murray Mills Excavating Trucking	\$186,060
Facca Inc.	\$281,400

Administration has reviewed the tenders and all were found to be in order. Minor mathematical errors were found (most likely rounding errors). The corrected amounts are shown above and do not change the original standings of the Tenderers. The low tender contains no other irregularities. Dillon Consulting (Dillon), acting on behalf of the Town, also reviewed the submitted Tenders and submitted a review letter which is included with this report as an attachment. Their recommendation was that the tender be awarded to SheaRock Construction Group Inc.

Based on their low tender submission and subsequent discussion, Administration, in consultation with Dillon, recommends that Council award the tender for the Manning Road Pump Station, Fish Pond Inlet Erosion Repair in the amount of \$129,790 plus HST to Shearock Construction Group Inc.

SheaRock has successfully completed other projects for the Town which include the County Road 11 North Sanitary Sewer Extension (2019) and the Highway #3 / County Road 11 Watermain Replacement Project (2020/2021). SheaRock was also recently awarded the tender for the Manning Road Improvements, Phase 2 with construction scheduled to commence in July 2021.

Consultations

Financial Services
Dillon Consulting Limited

Financial Implications

The estimated cost to repair the embankment of the fish pond inlet was estimated in the summer of 2020 at \$100,000 and would be allocated from the Storm Lifecycle Reserve. This cost included a contingency for unforeseen issues in isolating the fish pond from the lake in order to assess the damage and conduct the necessary repairs. During the tendering process Contractors referenced and questioned the DFO requirements for the works and when the tenders were received they were all higher than the original estimate.

Administration worked with Dillon consulting to review and refine the approach, but as sometimes found with smaller projects the scale of the scope of work can influence the cost. This is a smaller remediation project and as such the costs were reflective of this.

Administration would note that this tender had seven submissions which is indicative of a competitive bidding process. Three of the submitted tenders were within \$14,000 of each other.

The tendered / project costs are summarized below:

Cost Item	Amount
Construction (tender)	\$129,790
Engineering	\$26,400
ERCA Permit Fee	\$500
Sub-Total	\$156,690
Non-rebated HST (1.76%)	\$2,758
Total	\$159,448

The total tendered/projected cost is over the \$100,000 budget by \$59,448. It is recommended that the budget allocation shortfall be funded from the Storm Lifecycle Reserve.

Link to Strategic Priorities

Applicable	2019-22 Strategic Priorities
<input type="checkbox"/>	Make the Town of Tecumseh an even better place to live, work and invest through a shared vision for our residents and newcomers.
<input checked="" type="checkbox"/>	Ensure that Tecumseh's current and future growth is built upon the principles of sustainability and strategic decision-making.
<input type="checkbox"/>	Integrate the principles of health and wellness into all of Tecumseh's plans and priorities.
<input checked="" type="checkbox"/>	Steward the Town's "continuous improvement" approach to municipal service delivery to residents and businesses.
<input type="checkbox"/>	Demonstrate the Town's leadership role in the community by promoting good governance and community engagement, by bringing together organizations serving the Town and the region to pursue common goals.

Communications

Not applicable ☒

Website ☐

Social Media ☐

News Release ☐

Local Newspaper ☐

This report has been reviewed by Senior Administration as indicated below and recommended for submission by the Chief Administrative Officer.

Prepared by:

Dana Reid
Clerk I Administrative Clerk

Reviewed by:

Kirby McArdle, P.Eng.
Manager Roads & Fleet

Reviewed by:

Tom Kitsos, CPA, CMA, BComm
Director Financial Services & Chief Financial Officer

Reviewed by:

Phil Bartnik, P.Eng.
Director Public Works & Environmental Services

Recommended by:

Margaret Misek-Evans, MCIP, RPP
Chief Administrative Officer

**Attachment
Number**

**Attachment
Name**

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PWES-2021-22 – Dillon Consulting Ltd. Tender Review Letter