



## THE CORPORATION OF THE TOWN OF AMHERSTBURG

### OFFICE OF ENGINEERING & INFRASTRUCTURE SERVICES

**MISSION STATEMENT:** *Committed to delivering cost-effective and efficient services for the residents of the Town of Amherstburg with a view to improve and enhance their quality of life.*

Author's Name: Todd Hewitt	Report Date: November 15, 2022
Author's Phone: 519 736-3664 ext. 2313	Date to Council: December 12, 2022
Author's E-mail: thewitt@amherstburg.ca	Resolution #:

**To:** Mayor and Members of Town Council

**Subject:** Amherstburg Water Treatment Plant (AWTP) – Reservoir Construction and Rehabilitation – Engineering Request for Proposal Results

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#### 1. **RECOMMENDATION:**

It is recommended that:

1. The engineering services for the Amherstburg Water Treatment Plant - Reservoir Construction and Rehabilitation **BE AWARDED** to Stantec Consulting Ltd.; and
2. The Mayor and Clerk **BE AUTHORIZED** to execute an agreement with Stantec Consulting Ltd. for the Amherstburg Water Treatment Plant - Reservoir Construction and Rehabilitation

#### 2. **BACKGROUND:**

The Investing in Canada Infrastructure Program (ICIP) is a Federal program designed to create long-term economic growth, build inclusive, sustainable and resilient communities and support a low-carbon economy.

Through the ICIP, the Federal government is providing \$11.8 billion dollars in infrastructure funding to cost-share projects under the following four streams:

- Public Transit
- **Green Infrastructure**
- Community, Culture and Recreation
- Rural and Northern Communities

The Town of Amherstburg submitted a grant application in August 2021 for funding of the construction of a new reservoir and rehabilitation of the existing reservoir at the Amherstburg Water Treatment Plant.

The construction and rehabilitation of the Reservoir at Amherstburg Water Treatment Plant is a priority project that best fit within the scope of this grant application. The Amherstburg Water Treatment Plant currently has only one in-ground water storage reservoir. Water storage reservoirs are required to ensure that adequate supply of water is maintained to meet peak water demands or emergencies such as fires, water main breaks, power outages and pump failures. The existing reservoir is 50 years old and showing deterioration. The Town has had to perform emergency reservoir repairs due to excessive leaking of treated water from the reservoir. Further failures and repairs are anticipated as the structure ages. The construction and rehabilitation of the reservoirs would occur in two phases. Phase 1 would involve the construction of a new 7,400m<sup>3</sup> reservoir. Phase 2 of the project will involve the rehabilitation of the existing 14,800m<sup>3</sup> including dividing it into two 7,400m<sup>3</sup> cells built within the existing reservoir footprint.

On June 27<sup>th</sup> 2022 Council approved a transfer payment agreement with Provincial and Federal Governments for \$3,662,833.50 total of Provincial and Federal Funding (based on the original grant application amount of \$4,995,000) towards the Reservoir at Amherstburg Water Treatment Plant. It should be noted that although this project is estimated to be \$9,600,000 the maximum total eligible cost per project for a single application was **\$5 million**. In addition, Council approved the issuance of debt to fund the Town share not to exceed \$5,937,166.

### **3. DISCUSSION:**

Proposals closed for this project at 11:00 a.m. on October 13th, 2022. The Town received one (1) submission that were processed electronically via the Bids and Tenders system.

The proposal was reviewed by the evaluation committee. The evaluation committee consisted of the Manager of Engineering, the Engineering Technologist and the Manager of Environmental Services. Each individual ranked the proposal separately based on established criteria, then the committee met with the Financial Planning Administrator to determine a combined group score based on comparing the individual scores. Based on these scores the committee is recommending that Stantec Consulting Ltd. be awarded the project.

### **4. RISK ANALYSIS:**

There is financial risk that the municipality may have to fund the reservoir construction and rehabilitation fully from water rates should Council forego senior government funding contributions. Programs, such as the Investing in Canada Infrastructure Program, are effective tools used by municipalities to address key infrastructure challenges due to financial constraints. The Investing in Canada Infrastructure Program is a key program offered by the Provincial and Federal governments that will assist the Town in its long-term financial plan.

Administration recommends the Amherstburg Water Treatment Plant Reservoir Construction and Rehabilitation be completed to mitigate a number of risks which include public safety and financial benefits.

Municipal Councillors are generally protected from personal liability for any decisions they make in good faith in the course of their duties. However, this is not the case with respect to drinking water. Section 19 of the Safe Drinking Water Act imposes a personal duty on “every person who, on behalf of the municipality, oversees the accredited operating authority of the [drinking water] system or exercises decision-making authority over the system”. Personal risk will be mitigated by improving the Town’s current operations.

## 5. **FINANCIAL MATTERS:**

On June 27, 2022 Council approved \$1,032,000 in the 2022 Water Capital budget to allow administration to move forward with an RFP for engineering of the project. Based on the recommended proposal award, the financial impact is estimated as follows:

AWTP Reservoir Construction and Rehabilitation	Budget	Actual	Variance (over)/Under
<b>Cost:</b>			
Engineering – Stantec (1)		\$ 940,234	
Non Refundable HST		\$ 16,550	
<b>Total Project Cost</b>	<b>\$1,032,000</b>	<b>\$956,785</b>	<b>\$75,215</b>

Notes:

1. This cost includes a contingency that was included in the RFP to cover any out of scope engineering requirements.

These costs are strictly related to the Engineering component of the project. Construction of the project will commence in 2024 and initial estimates for the construction portion of the work is \$8,600,000, which will be included in the 2024 Capital budget.

## 6. **CONSULTATIONS:**

The evaluation committee contributed to this report.

7. **CONCLUSION:**

Administration is recommending that engineering services for the AWTP Reservoir Construction and Rehabilitation be awarded to Stantec Consulting Ltd.

A handwritten signature in dark ink, appearing to read "Todd Hewitt", is positioned above a horizontal line.

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Todd Hewitt

**Manager of Engineering**

## Report Approval Details

Document Title:	2022 12 12 - AWTP Reservoir Construction and Rehabilitation - Engineering RFP Results.docx
Attachments:	- Stantec proposal - AWTP Reservoir.pdf
Final Approval Date:	Nov 30, 2022

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



Antonietta Giofu



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Valerie Critchley



Kevin Fox