



## THE CORPORATION OF THE TOWN OF AMHERSTBURG

### OFFICE OF 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 29, 2021
Author's Phone: 519 736-3664 ext. 2313	Date to Council: December 13, 2021
Author's E-mail: <a href="mailto:thewitt@amherstburg.ca">thewitt@amherstburg.ca</a>	Resolution #:

To: Mayor and Members of Town Council

Subject: Boblo Island Wastewater Pumping Station and Forcemain – Design and Construction Agreement

---

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

It is recommended that:

1. The Agreement to Design and Construct the Boblo Island Wastewater Pumping Station and Forcemain with Amico Infrastructures Inc. for an amount not to exceed \$3,052,800 including net HST **BE ACCEPTED** and the Mayor and Clerk **BE AUTHORIZED** to execute the agreement.

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

Boblo Island is a residential community situated on the Detroit River. As part of the 2007 Class Environmental Assessment (EA) for the expansion of the Amherstburg Wastewater Treatment Plant (AWWTP) it was determined that the Boblo Sewage Treatment Plant would be decommissioned and the sewage pumped to the mainland to the AWWTP.

#### 3. **DISCUSSION:**

On September 16, 2021 Council passed resolution **#20210916281** below:

Administration **BE DIRECTED** to proceed with the project based on:

- a) Option One – Enter into an agreement with Amico Infrastructure on a \$3,000,000 fixed price agreement to design and construct based on approved design criteria and timing. A capital expenditure not to exceed \$3,052,800 including net HST **BE APPROVED** as a first

*charge to the 2022 Budget for reconstruction of the Boblo Island pump station and forcemain, to be funded from as outlined in this report;*

1. *The funding for the design and installation of the sanitary pumping station and forcemain **BE APPROVED** as outlined.*

Administration has worked with Amico Infrastructures to develop an agreement based on the Canadian Construction Documents Committee (CCDC) Design-Build Stipulate Price Contract. Specific items in the agreement were removed to ensure that the contractor (Amico) assumes all the financial risk on the project if conditions / situations are encountered that are not as expected. Supplemental conditions were added to ensure that the project is completed in a timely manner.

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

Not approving this agreement and completing this project in a timely manner places the Town at risk with respect to the Boblo Island STP. It is in a deteriorated state and due to the age of the equipment is at risk for failure. If this equipment experiences a failure the Town would be unable to meet our effluent requirements and would be at the mercy of the MECP with respect to how we would deal with the sewage on the island.

The project is also critical to future development on Boblo Island. Without the project development would need to be reduced and the Town would be forgoing valuable tax base and water/wastewater rate contributions.

#### **5. FINANCIAL MATTERS:**

The following are the estimated financial impact as outlined in the September 16, 2021 meeting.

Capital Project: <b>Boblo Island Sanitary Pump Station and Forcemain</b>	Budget 2022 and beyond	Actual (incl. net HST)	Variance (over)/under
<b>Cost:</b>			
Lump Sum Project cost (1)	\$3,052,800	\$ 3,052,800	
<b>Total Project Cost</b>	<b>\$3,052,800</b>	<b>\$3,052,800</b>	<b>Nil</b>
<b>Funding:</b>			
Wastewater Reserves & Wastewater Rates	\$1,740,096	\$1,740,096	
DC Reserves	1,312,704	1,312,704	
<b>Total Project Funding</b>	<b>\$3,052,800</b>	<b>\$3,052,800</b>	<b>Nil</b>

Notes:

1. This value is based on a \$3,000,000 fixed price contract.

**6. CONSULTATIONS:**

Legal Review – Mousseau Deluca McPherson Prince LLP  
Antonieta Giofu - Director of Infrastructure Services

**7. CONCLUSION:**

The Boblo Island pumping station and forcemain is required infrastructure based on the 2007 Amherstburg WWTP EA. This agreement moves the project forward towards completion.



---

Todd Hewitt  
**Manager of Engineering**

## Report Approval Details

Document Title:	2021 12 13 - Boblo Island Pumping Station and Forcemain - Design and Construction Agreement.docx
Attachments:	- CCDC14e - Design Build Stipulated Price Contract - Boblo PS FM - Final.pdf - Boblo Supplementary Conditions - Final.pdf
Final Approval Date:	Dec 9, 2021

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



Antonietta Giofu

Tiffany Hong



Tony Haddad



Valerie Critchley