



## **The Corporation of the Town of LaSalle**

**To:** Mayor and Members of Council

**Prepared by:** Lena Petros, Manager of Water and Wastewater; and Dale Langlois, Director of Finance/Treasurer

**Department:** Public Works

**Date of Report:** March 23, 2023

**Report Number:** PW-07-2023

**Subject:** Pump Station 1 Upgrades Contract Award

### **Recommendation**

That the report of the Manager of Water and Wastewater dated March 23, 2023 (PW-07-2023) regarding the Pump Station 1 Upgrades Contract Award be received;

And that Council awards the contract to Kingdom Construction Ltd. for the bid price of \$5,988,683 plus HST;

And that the corresponding by-law be adopted during the By-law stage of the agenda.

### **Report**

LaSalle's sanitary sewer collection system covers the Town's urban area and terminates at the main Pumping Station 1 located on Milford Ave. at Turkey Creek.

The Pump Station 1 Upgrades Project consists of:

Adding new by-pass pumps that operate under the high water conditions in the Detroit River. These pumps will act as an overflow system in place of the gravity overflow under these conditions, as seen in 2019.

A new generator to provide emergency power for the facility and all of its components.

The replacement one of the existing sanitary sewage pumps within the pump station, as it is near the end of its useful life.

A new 3<sup>rd</sup> pump within the pump station, which is part of the planned upgrades for LaSalle's system. This component of the project is a few years ahead of schedule in terms of capacity needs. However it is the ideal time from a construction and

integration standpoint with the other works happening at the pump station. In addition to that, it will provide redundancy if one of the other two pumps is down, and the pump station can continue to operate with alternating or 2 pumps if needed.

This project was initiated as part of the DMAF grant to protect the sanitary system during high water level events. During the detail design process, it was identified that having one high capacity generator could operate the entire facility and replace the existing generator that would have been due for replacement within the next five years (LaSalle Sanitary Sewer System Capacity Study Report). With the generator, electrical components, and construction work within the pump station, it is the ideal time to install the third sanitary pump. This work has been identified as part of our Development Charges by-law.

Stantec Consulting Ltd. prepared the tender document and it was posted on Bids and tenders. The tender closed on March 9, 2023, and we received the following bids (excluding HST):

Kingdom Construction Ltd.	\$5,988,683.00
BGL Contractors Corp.	\$6,676,020.00

The construction schedule is expected to start in May 2023 and be completed by July 2024.

Administration is recommending this contract be awarded to Kingdom Construction Ltd. for \$5,988,683.

## **Consultations**

None

## **Financial Implications**

The by-pass pumps were identified in the 2023 capital budget at \$2,000,000. The remaining work was not identified in the 2023 budget, but are recommended to move forward at this time with the following funding plan.

The upsized portion of the generator replacement and 3<sup>rd</sup> pump are related to future growth and will be funded from development charges (approximately \$1,400,000).

The replacement of the existing pump and non-upsized portion of the generator replacement will be funded from the wastewater reserve (approximately \$1,600,000).

The bypass pump cost of \$3,000,000 will be funded 40% from the DMAF grant and 60% from the wastewater reserve.

It is important to note that the wastewater reserve is in a healthy financial position and has been built-up over the past 10 years to fund the non-growth related costs of large capital projects such as this one.

**Prepared By:**



Lena Petros, C.E.T.  
Manager of Water and Wastewater



Director of Finance/Treasurer

Dale Langlois, CPA, CA  
Director of Finance / Treasurer

**Link to Strategic Goals**

1. Enhancing organizational excellence - Not Applicable
2. Strengthen the community's engagement with the Town - Not Applicable
3. Grow and diversify the local economy - Not Applicable
4. Build on our high-quality of life - Yes
5. Sustaining strong public services and infrastructure - Yes

**Communications**

Bids and Tender website

**Notifications**

Not applicable

**Report Approval Details**

Document Title:	Pump Station 1 Upgrades Contract Award.docx
Attachments:	
Final Approval Date:	Mar 29, 2023

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



Jonathan Osborne  
Director, Public Works

Jonathan Osborne



Peter Marra  
Deputy Chief Administrative Officer

Peter Marra



Joe Milicia  
Chief Administrative Officer

Joe Milicia