



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: February 11, 2020

Report Number: PWES-2020-06

Subject: Amendment to the 2020-2024 PWES Five Year Capital Works Plan
St. Mark's Pumping Station – Pump Repair

Recommendations

It is recommended:

That the St. Mark's Pumping Station – Pump Repair capital project **be added** to the 2020-2024 PWES Five Year Capital Works Plan;

And that the amount of \$36,433 excluding HST **be authorized and funded** out of the Storm Sewer Lifecycle Reserve.

Background

At the December 11, 2018 Regular Meeting of Council, Council approved the recommendations (Motion RCM-361/18) of PWES Report No. 2018-08 titled "2019-2023 Public Works & Environmental Services 5 Year Capital Works Plan" that authorized Administration to proceed with the capital works projects which included the engineering design for the Scully and St. Mark's Storm Pump Station and Riverside Drive Storm Sewers project. This project was also identified and detailed as part of the Town's Storm Drainage Master Plan (2019).

The Scully and St. Mark's Storm Pump Station and Riverside Drive Storm Sewers project costs are estimated at \$16.6M. This project is identified in report PWES-2019-49 titled "2020-2024 Public Works and Environmental Services Five Year Capital Works Plan" as a future proposed project in the 2021-2024 timeframe.

As funding programs have become available over the last year, the Town has included the Scully and St. Mark's Storm Pump Station and Riverside Drive Storm Sewers project as part of their applications. Due to these funding opportunities, and the costs for engineering design being eligible under those programs, the design work has not commenced to date. Administration is currently waiting to receive the results of the second intake application to the Disaster Mitigation and Adaptation Fund (DMAF) prior to initiating the engineering design.

Comments

In the fall of 2019, Dillon Consulting Limited (Dillon) prepared a memo at the Town's request regarding Tecumseh Storm Pump Station Site Assessments in response to the local flooding concerns being experienced in the region due to the high lake water levels in Lake St. Clair.

The memo was the result of reviewing engineering construction record drawings, conducting field inspections and an operational review with Town staff. Dillon recognized the Town's future plans for the St. Mark's pump station to be decommissioned and replaced as part of a new storm pump station at the Scully pump station site in the future, as outlined in the Town of Tecumseh Storm Drainage Master Plan (2019). For this reason, investment of significant funds in maintaining this station would not be advisable; however, if the station were to experience a pump failure it would require significant dollars in order to maintain storm water pumping capabilities in an emergency scenario.

In the short term, Dillon's recommendations were that the existing standby pump and duty pump both be assessed by a service technician to confirm the scope and cost of repairs to reduce the risk of a possible pump failure. Lekter and the pump manufacturer were engaged by the Town for this review.

Single/Sole Sourcing

Section 3.3 Single/Sole Sourcing of By-law 2017-63, being a by-law to govern procurement policies and procedures, states that:

"In circumstances where there may be more than one source of supply in the open market, but only one of these is recommended by the Department Director, with the concurrence of the Purchasing Officer, for consideration on grounds that it is more cost effective or beneficial to the Town; and where the expenditure will exceed \$100,000, approval must be obtained from Town Council prior to negotiations with the single source..."

Where expenditures do not exceed \$100,000, approval authority rests with the Department Director and Purchasing Coordinator or CAO and has been granted, accordingly.

Lekter is a full-service contractor who has worked on the Town's pumping stations, both sanitary and storm, in the past. They have the expertise and capabilities to perform the work as required and the confidence of Administration in their experience from past work completed. Ensuring that the contractor is competent to perform the work and that the work will be completed within the accepted timeframes is paramount to the Town's interests; this pumping

station is one of three that serve the Ward 2 area of the Town and it only has two pumps in the station. Performing this work during the winter is desired as the use of storm water pump stations decrease over the winter months and this repair is expected to be about 8 weeks in length.

The foregoing is the basis for the Department Director's recommendation to single source this work in concurrence with the Purchasing Officer, as per the Town's Purchasing by-law.

In conjunction with Administration's approval of the sole source award, Council authorization is required to amend the 2020-2024 PWES Five Year Capital Works Plan to incorporate this project and also to fund the work from the Storm Lifecycle Reserve.

Consultations

Financial Services

Financial Implications

The estimated cost of this rehabilitation of the second pump at St. Marks pump station and the additional funds for unforeseen repairs is below \$50,000. In accordance with the Town's Purchasing Policy and the single/sole sourcing of this work, approval must come from the Department Director and Purchasing Coordinator or CAO.

The costs of rehabilitation of the pump would be allocated from the Storm Sewer Lifecycle Reserve.

Pending Council approval of the recommendation of this report, the Storm Lifecycle Reserve projected deficit balance, as attached to Council report PWES-2019-49 titled "2020-2024 PWES Five Year Capital Works Plan" of \$(2,613,597) will increase to \$(2,650,030).

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:

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
1	Lekter Industrial Services Inc. Quotation