

Municipality of Chatham-Kent
Infrastructure and Engineering Services
Public Works

To: Mayor and Members of Council

From: Dennis Chepeka
Manager, Public Works North

Date: October 19, 2022

Subject: Downtown Wallaceburg and Thamesville Streetlight Replacement Project –
Materials Purchase

Recommendations

It is recommended that:

1. The material costs of \$576,503.40 (including HST) for the purchase of replacement street light poles and appurtenances for downtown Wallaceburg and Thamesville be funded from 2020 Capital Projects LED Ornamental streetlight conversion account.

Background

There are currently 35 streetlights serving James Street in downtown Wallaceburg and 31 streetlights serving London Road in downtown Thamesville. The existing decorative poles were installed in the mid-eighties by the each of the communities.

In early 2019, concerns with the deterioration and safety of the poles as well as challenges obtaining replacement parts were identified by technicians from Entegrus Powerlines Inc. and reported to Public Works. It was agreed that the process of replacing the poles needed to be initiated.

Comments

In January 2022 representatives from Public Works and Entegrus began the design process for the projects. Entegrus agreed to manage the project on behalf of Public Works including design, tendering and inspection of the project with an anticipated start date of March 2023.

For visual consistency throughout the Municipality as well as more efficient parts inventory control, the style of the poles and lights were matched with the styles that were previously installed in downtown Dresden and downtown Chatham. An illumination study was undertaken by Entegrus to quantify the number of units needed and their

preferred location. In order to meet the target start date, the manufacturer recommended production to begin in September 2022, as the manufacturing process would be a minimum of 12-14 weeks.

The costs for installation of the new poles will be determined through the public tender process in the winter of 2022 and the results will be presented in a subsequent report to Council once the Contractor and installation costs are determined.

Areas of Strategic Focus and Critical Success Factors

The recommendations in this report support the following areas of strategic focus:

- ☐ Economic Prosperity:
Chatham-Kent is an innovative and thriving community with a diversified economy
- ☒ A Healthy and Safe Community:
Chatham-Kent is a healthy and safe community with sustainable population growth
- ☐ People and Culture:
Chatham-Kent is recognized as a culturally vibrant, dynamic, and creative community
- ☐ Environmental Sustainability:
Chatham-Kent is a community that is environmentally sustainable and promotes stewardship of our natural resources

The recommendations in this report support the following critical success factors:

- ☐ Financial Sustainability:
The Corporation of the Municipality of Chatham-Kent is financially sustainable
- ☒ Open, Transparent and Effective Governance:

The Corporation of the Municipality of Chatham-Kent is open, transparent and effectively governed with efficient and bold, visionary leadership
- ☐ Has the potential to support all areas of strategic focus & critical success factors
- ☐ Neutral issues (does not support negatively or positively)

Consultation

Entegrus Powerlines Inc. was consulted to quantify the number of units needed and their preferred locations.

Financial Services has verified the uncommitted amounts in the Streetlight Reserve accounts.

Financial Implications

The quote supplied to Public Works on behalf of the manufacturer is estimated at \$576,503.40 including HST.

Description	Total
A) Project Costs	
Estimated Material Costs – Wallaceburg and Thamesville Streetlight Poles (Including HST)	\$ 576,503.40
Less HST Rebate (11.24%)	(57,344.23)
Total Project Cost	\$ 519,159.17
B) Project Funding	
2020 Capital Projects LED Streetlight Conversion (Previously Approved)	\$ 1,300,000.00
Less Material Costs Chatham Streetlight Conversion (Complete)	(422,334.48)
Less Estimated Project Costs – Wallaceburg and Thamesville Materials	(519,159.17)
Total Funding Remaining	\$ 358,506.35

Prepared by:

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Manager, Public Works North

Reviewed by:

Ryan Brown, P.Eng.
Director, Public Works

Chris Thibert, P.Eng.
Acting General Manager, Infrastructure and Engineering Services

Consulted and confirmed the content of the consultation section of the report by:

No additional consultation was required in preparation of this report.

Downtown Wallaceburg and Thamesville Streetlight Replacement Project –
Materials Purchase

4

Attachments: None

c FS Financial Analyst I (via email group)