



TOWNSHIP OF NORTH HURON

REPORT

Item No.

REPORT TO: Reeve Vincent and Members of Council
PREPARED BY: Larry McGregor
DATE: 05/09/2017
SUBJECT: LAS Real Term Energy LED Streetlight Project
ATTACHMENTS: LAS Real Term Energy Streetlight Proposal

RECOMMENDATION:

THAT the Council of the Township of North Huron hereby accepts the LAS Real Term Energy LED Streetlight Project for information purposes.

EXECUTIVE SUMMARY

On August 18th, 2017 staff received the attached proposal from LAS Real Team Energy regarding the conversation of our streetlights within Wingham and Blyth to LED. LED stands for Light Emitting Diodes. LED street lights are extremely energy efficient, have long life spans (over 20 years), and produce better color and light quality than our existing High-Pressure Sodium (HPS) street lights.

DISCUSSION

By completing a conversation of our remaining streetlights, the Township of North Huron would reduce the energy consumption, greenhouse gas emissions and maintenance costs associated with its street lights. Installing LED street lights will help improve our environmental footprint, require less maintenance, and provide the community with better light quality on our streets and roadways.

The benefits of a LED street light retrofit project would be an efficient distribution and quality of light resulting in increased safety, reduced energy consumption resulting in cost savings, reduced greenhouse gas emissions, reduced outages, and longer light life spans resulting in reduced maintenance costs.

From reviewing the proposal from LAS Real Term Energy, it appears that there is significant savings changing to the LED fixtures. The most savings occur by changing the Cobra-head lights while the decorative streetlights in the downtown sections are more expensive.

Staff will be meeting with representatives from LAS Real Term Energy on Monday, September 11th to discuss the project further and we have tentatively scheduled a presentation to Council during the next meeting on September 18th.

FINANCIAL IMPACT

Currently the Township is benefitting from a government incentive, which will substantially reduce the total cost of the project.

Staff were recently made aware of the Minister of the Environment and Climate Change announcing the launch of Ontario's new Municipal GHG Challenge Fund at the AMO conference. This initiative is part of Ontario's Climate Change Action Plan and is funded by proceeds from the

province's carbon market. It will support projects such as renewable energy and energy efficiency retrofits to municipal facilities like arenas, and making energy-efficiency upgrades to drinking water or wastewater treatment plants, to achieve long-term and cost-effective pollution reductions. The Director of Finance will be looking into this program closer to see how we can utilize this incentive for the conversion project as well.

FUTURE CONSIDERATIONS

Funding for this initiative was not included in the 2017 Budget, however there has been some discussion of short-term borrowing from our own reserves. The Director of Finance will be able to speak to options available to Council.

RELATIONSHIP TO STRATEGIC PLAN

Goal 3 the Township is healthy and safe. Goal 4 the administration is fiscally responsible and strives for operational excellence.



Larry McGregor, Interim Chief Administrative Officer/ Director of Public Works