



Staff Report

Report Title: Dust Control RFQ 2022

Prepared By: John Yungblut

Department: Public Works

Date: Apr. 4, 2022

Report Number: PW-2022-04-32

File Number: F18DUS 22

Attachments:

Recommendation:

THAT the Township of Huron-Kinloss Committee of the Whole hereby approves Report Number PW2022-04-32 prepared by John Yungblut, Director of Public Works, AND accepts the quotation from Da-Lee Dust Control Ltd. in the amount of \$0.269 per litre to supply, haul and apply dust suppressants on Township gravel roads in 2022 AND grants an exemption to the Purchasing and Procurement Policy AND FURTHER authorizes the appropriate by-law coming forward

Background:

In 2020, Township staff decided to use a naturally occurring dust control material that is referred to as "20% Calcium Chloride" on some of our lower volume gravel roads on a trial basis. This product generally consists of 17% calcium chloride, 3% magnesium chloride and 12% sodium chloride. The traditional dust control product, known as 35% Calcium Chloride, was used on higher volume gravel roads.

The reason for this trial was to mitigate the impact of the increasing cost of 35% Calcium Chloride to the operating budget. In 2020, the "20% Calcium Chloride" was approximately 30% less expensive than 35% Calcium Chloride.

In 2021, the trial was extended, however the cost of the 20% Calcium product was only 17% less expensive than the traditional 35% Calcium product.

Discussion:

Township staff were pleased with the results of the 20% Calcium product on the gravel roads it was applied to over the past two years, and we were interested in

extending it another year. However, the supplier recently informed Township staff they are unable to secure enough product for this year to extend our contract.

Although the quoted unit price of \$0.269 is substantially higher than the unit price of \$0.235 that was paid in 2021, considering the rising cost of all raw materials plus the current cost of fuel, it's not unexpected.

Based on this information, staff recommend returning to the 35% Calcium Chloride product that we have purchased from Da-Lee in the past. Since we tendered the purchase of dust control product in 2020 and 2021, we are certain this supplier will provide the most competitive price for this service in our area. They also use local transportation contractors for the hauling of their product.

Financial Impacts:

The 2022 Operating Budget has allocated \$97,600 for dust control expenditures. Township staff will be targeting to apply 400,000 litres of product this year, which would result in over expenditure of approximately \$15,000. Therefore, we will need to find savings elsewhere in the Operating Budget to maintain our Level of Service.

Strategic Alignment / Link:

We are a prosperous community that continues to grow in a sustainable manner by investing in infrastructure.

Respectfully Submitted By:

John Yungblut, Director of Public Works

Approved By:

Mary Rose Walden, Chief Administrative Officer