



Administrative Report

Office of the Director of Infrastructure Services

To: Warden McNamara and Members of Essex County Council

From: Jane Mustac, P. Eng.
Director of Infrastructure Services/County Engineer

Date: Wednesday, April 07, 2021

Subject: Tender Summary – Non-Coning Water-Borne Traffic Paint

Report #: 2021-0407-ISD-R012-JM

Purpose

The purpose of this report is to provide County Council information and recommendations pertaining to e-tender results for the acquisition of Non-coning Waterborne Paint.

Background

The annual street line painting program typically begins once street sweeping operations are near completion in the spring. The County Road network is 715 centreline km, (1503 lane km) and includes active transportation pathways. County staff also provide line painting to local municipalities as required. This activity is legislated by the minimum maintenance standards (MMS) that prescribe frequency for the application of pavement markings that vary by road type and functional classification.

The program consists of survey-layout work, painted handwork pavement markings and painted linear land markings. Survey-layout work includes all preliminary markings to correctly apply traffic markings. Paint is applied to the roadways in the Spring with re-application, where applicable, occurring in the Fall of any given year.

Discussion

Water-borne traffic paint is homogeneous, and produces a uniform, smooth consistent line paint application. The water-borne traffic paint flows evenly and smoothly and covers solidly when applied to concrete and asphalt pavements.

The materials used in the manufacture of the water-borne traffic paint are specified in the Ontario Provincial Specification Standards (OPSS 1712 and 1750) and are of high quality and consistency such that the appearance will not change in service to impair the colour or visibility of the delineation. The water-borne traffic paint film is typically a flat finish, and the white and yellow markings are visible under daylight and artificial light after the addition of the overlay glass beads.

A public request for tender to supply the paint resulted in a single submission as follows:

Vendor	Submitted Value
Engineer's Estimate	\$315,000.00
Ennis Paint Canada ULC	\$420,750.00

The e-tender was reviewed for mathematical accuracy and compliance with specifications. There were no errors in the tender submissions.

An inquiry was made to the supplier to understand the rationale that supports the higher unit rate costs. Their response indicated that the recent severe weather in Texas damaged numerous producing facilities that are vital components of the supply chain for traffic paint. Several raw material suppliers declared a force majeure leaving them restricted in their near-term capacity to produce the material. It is expected to take until the fourth quarter before the supply chain returns to normal.

Financial Implications

Funds are available in the 2021 Infrastructure Services Department budget.

Recommendation

That Essex County Council award the tender for Project Number IS-2021-019-DN Non-Coning Water-Borne Traffic Paint to Ennis Paint Canada ULD for a total tender amount of \$420,750.00 plus H.S.T.

Respectfully Submitted

Jane Mustac

Jane Mustac, P.Eng, Director of Infrastructure Services/County Engineer

Concurred With,

Mike Galloway

Mike Galloway, Chief Administrative Officer