



Administrative Report

Office of the Director, Infrastructure & Planning Services

To: Warden McNamara and Members of Essex County Council

From: Allan Botham, P.Eng.
Director, Infrastructure & Planning Services

Date: Wednesday, April 20, 2022

Subject: Tender Summary – Routing and Sealing, Tar and Chip

Report #: 2022-0420-ISD-R12-AB

Purpose

The purpose of this report is to provide County Council with tender results and recommendations for a contract to complete routing, cleaning and sealing of cracks in asphalt pavement.

Background

The County of Essex annually evaluates pavement condition, and applies a three-tier approach of reconstruction, rehabilitation and preventative maintenance to manage the road network. Routing and sealing (crack sealing) is a pavement preservation tool within the County's preventative maintenance program.

Surface treatments such as routing and sealing have proven to extend the life of asphalt pavements as much as five (5) years. Historically, the County places approximately 20,000 kg of sealant every year.

On March 16, 2022 the County closed tenders for a multi-year contract that would provide for routing, cleaning and sealing of cracks in asphaltic pavement.

Discussion

Further to Council's approval the tender will result in a three-year contract term with options to extend the contract for an additional one or two years,

at the discretion of the County of Essex. A multi-year, fixed contract will provide budget stability and relieve some workload.

Proponents submitted costs for both labour and material to complete the estimated volume of 20,000kg for evaluation. To account for inflation in years 2 to 5 of the contract, should it be extended, labour rates will be indexed using the Consumer Price Index, and material costs will be indexed using a rate specified by the proponent in their tender submission.

This particular tender was evaluated and scored using two categories: technical and financial, rather than a simple low-price bid process (please refer to Table 1).

Table 1

Criteria	Description	Weight
Technical	<ul style="list-style-type: none">• Satisfactory experience over a number of years• Experience of a similar environment and size• Satisfactory reference checks	35
Financial	<ul style="list-style-type: none">• Labour rates• Material rates plus the proponents mark up	65

In 2022 Administration is proposing to complete routing and sealing over a number of roads, as presented in Table 2.

Table 2

Road Segment	From	To
County Road 34	County Road 37	Wheatley
County Road 35	Hwy 401	County Road 2
County Road 9	County Road 10	Mun. #8095
County Road 9	County Road 7	Laurier Pkwy
County Road 8	Villanova H.S.	County Road 9
County Road 10	County Road 5	County Road 9
County Road 31	County Road 46	County Road 8
County Road 18	County Road 31	County Road 34

Two compliant tenders were received: Fine Line Markings Inc. and Shepley Road Maintenance (Shepley). Further to evaluation, Shepley received the highest score. Therefore, Administration recommends that Shepley has provided the most advantageous tender to the County of Essex.

Financial Implications

Based on the quantity of 20,000kg of sealant, the expected total project cost in 2022 will be \$146,850 (plus applicable taxes), and is within the engineer's estimate of \$160,000, and within the 2022 Surface Treatment / Crack Filling budget.

Subject to annual budget approval, the Consumer Price Index, and material costs, the probable total cost of the contract over five years is approximately \$750,000 (plus applicable taxes).

The price will likely fluctuate slightly from year to year based on whether less or more than 20,000 kg of sealant is required in any given year of the contract. Unfortunately, the County's routing and sealing needs fluctuates each year, based on a number of factors, which results in it being difficult to precisely determine our needs, and the full associated cost in advance.

Consultations

Preparation of the subject tender was completed in consultation with the Office of Procurement and Compliance and the County Solicitor.

Recommendation

That Essex County Council receive the report 2022-0420-ISD-R12-AB Tender Summary – Routing and Sealing, Tar and Chip; and

That Shepley Road Maintenance be awarded the contract for Routing and Sealing, Tar and Chip, for an initial term of three years, beginning in 2022, for the annual price of approximately \$146,850 plus applicable tax, to complete the routing and sealing program, with the option to extend the contract for a period up to an additional two years.

Approvals

Respectfully Submitted,

Allan Botham

Allan Botham, P.Eng., Director, Infrastructure and Planning Services

Concurred With,

Mike Galloway

Mike Galloway, MBA, CMO, Chief Administrative Officer