



STAFF REPORT TO COUNCIL

Report No: PW-202309

March 13, 2023

From: Timothy Wright, Director of Public Works

RE: Award of Tender Crack Sealing Trailer, Router and Compressor

Recommended Motion:

THAT Council receives staff report PW-202309 Award of Tender Crack Sealing Trailer, Router and Compressor

AND THAT Council authorizes the Mayor and Clerk to enter into an agreement with INSTA-MIX for the purchase of a Crack Sealing Trailer, Router and Compressor for \$128,146.55

Background / Analysis:

The crack sealing trailer, router and compressor complete with heat lance is a set of equipment that will allow North Glengarry to maintain our roadways. In Eastern Ontario, crack sealing is a service that is commonly contracted out however the Upper Tier and Lower Tier public works departments of Stormont Dundas and Glengarry have seen a steep decline in performance and reliability from contractors in recent history. This has resulted in poor workmanship such as that performed on Power Dam Road and Sandfield Avenue that we held money back from the contractor for last year and more importantly, poorly timed work.

The longer that cracks are open on our roads the more potential there is for water infiltration and the diaphragm action of passing traffic to remove material and cause a mixing of road sediment finer than the 75-micron particle size to infiltrate and soften our road base. This piece of equipment will allow the roads department to seal cracks in a timely fashion stopping infiltration and potholing before it starts and is the first step in a comprehensive road maintenance program.

This piece of equipment will be critical in protecting the viability of some of our newly paved structures such as Concession 6, and Power Dam rd. to name a few. But it will also be critical in installing better-performing road cuts for service installation and maintenance operations.

Due to the interest in this purchase, there exist significant possibilities for renting out manpower and or equipment to other municipalities that are in a similar position.

Alternatives:

N/A

Bid Analysis and Financial Implications:

Bidder	Price (excluding HST)	Comments
INSTA-MIX	\$128,146.55	Canadian Manufacturer
AMACO	\$155,499.00	American manufacturer

When budgeting this number originally the numbers provided to Public Works excluded the Compressor and heat lance, a critical component of the system. This is why the budget numbers are higher than the budgeted amount of \$100,000.00. The overage is recommended to come from the hot mix reserve as for every kilometre of road crack sealed there is less money the township will have to spend on resurfacing.

Attachments & Relevant Legislation:**Others Consulted:**

Michel Cuerrier, Manager of Transportation
Attendees of the Public Works Joint Tendering Meeting

Reviewed and approved by:
Sarah Huskinson, CAO/Clerk