



Corporation of the Township of Brock

Staff Report to the Mayor and Members of Council

From: Dylan Quigley

Position: Director of Public Works

Title / Subject: B2024-PW-09 – Surface Treatment Without Prime (Hi-Float)

Date of Report: September 4, 2024

Date of Meeting: September 9, 2024

Report No: 2024-OP-013

1.0 Issue / Origin

This project includes the application of Double Surface Treatment (DST) to various lengths of road identified through the Township's Road Rehabilitation plan.

2.0 Background

In accordance with the 2024 Capital Budget, a total of \$550,000.00 was allocated to tender out services for the application of DST, as per the locations identified in year one (1) 2023, of the Township's Road Rehabilitation plan. In 2023, Council approved a four (4) year Road Rehabilitation plan with the intent of restabilizing and resurfacing sections of previously double surfaced roadways recommended for repair within the 2023 Roads Needs Study. Locations for this application include only those areas completed in 2023, returning them from gravel back to a DST top layer.

3.0 Analysis

Request for Tender (RFT) documents were posted to the Township's bidding platform and three (3) bids were received, prior to the closing date of August 30, 2024. A summary of the bid results, with Duncor Enterprises Inc. being the lowest bid, are listed below:

NAME OF BIDDER	TOTAL BID AMOUNT (pre-tax)
Duncor Enterprises Inc.	\$257,541.92
Dufferin Construction Company, A Division of CRH Canada Group Inc.	\$321,197.40
Miller Paving Limited	\$339,776.84

4.0 Related Policies / Procedures

N/A

5.0 Financial / Budget Assessment

Capital Project No. 20-25-268-6210-6580 Double Surface Treatment

Approved Capital Budget	\$550,000.00
Contract (net of HST rebate)	<u>(\$262,074.66)</u>
Available Budget	\$287,925.34

5.1 Asset Management

The DST application is an important stage of the road rehabilitation process. As listed herein, Council approved a four (4) year plan in 2023 to rehabilitate multiple sections of road lengths identified within the Roads Needs Study. These segments of road are individually classified and monitored through the Township's Asset Management plan. Once complete, the segments of road that have been rehabilitated and returned to DST will be updated within the Roads asset inventory to be continuously monitored and maintained in accordance with current inspections and legislated maintenance practices.

6.0 Climate Change Impacts

Due to the mild winters experienced over the past few years, along with increased precipitation in the summer months, it is important to maintain set timelines as scheduled through the Road Rehabilitation plan. For each segment of road, this includes restoring the sub-surface and re-grading with gravel allowing for one (1) year of natural compaction; applying a double surface treatment, otherwise referred to as double chip seal, after one (1) year; and finishing with a slurry seal for added protection after another additional year.

Should we deviate from this plan, the Township will run the risk of damaging the integrity of any previous work completed. In this case, because of the increased precipitation and milder winters, foregoing the DST application this year may result in gravel from the previous year losing its stability and the support required to withstand the double chip seal.

7.0 Communications

This report is being published on a public agenda.

8.0 Conclusion

After review of the bid submissions listed herein, staff recommend the award of tender B2024-PW-09 – Surface Treatment Without Prime (Hi-Float) to Duncor Enterprises Inc.

9.0 Recommendation

BE IT RESOLVED THAT Committee receive report 2024-OP-013, and

THAT Committee approve staff authorization to proceed with the recommendation to award the tender to Duncor Enterprises Inc., in the amount of \$262,074.66 (net of HST rebate).