

Grand River Conservation Authority

Report number: GM-02-23-12

Date: February 7, 2023

To: Members of the Grand River Conservation Authority

Subject: 2023 Road Site Preparation and Surface Treatment

Recommendation:

THAT the Grand River Conservation Authority award the tender for the 2023 road site preparation and surface treatment to Cornell Construction Limited of Brantford, Ontario up to the amount of \$572,700.00 excluding HST;

AND THAT a total project budget of \$630,000.00 excluding HST be approved.

Summary:

Not applicable

Report:

The Grand River Conservation Authority (GRCA) constructs and maintains approximately 146 kilometres of paved roadways and 11.6 hectares of paved parking lots. Conservation Area roads and cottage lot roads are heavily used during the operating season and it is necessary to ensure that these roads are maintained to provide safe driving surfaces for GRCA patrons.

GRCA roads are maintained to provide an appropriate driving surface in keeping with the nature of the areas that the roads serve. Each year deteriorated portions of roadway are built up, leveled, and compacted. This work is completed using either in-house resources or through the use of external contractors. Build up for the Conservation Area roads is included in this tender, along with surface treatment for Conservation Area and Cottage Lot Roads. Once the road base has been prepared, the road is resurfaced using a combination of emulsified asphalt and aggregate to form a paved surface. Application of this surfacing material requires specialized equipment and there are very few companies that specialize in this type of work.

The tender for the 2023 road site preparation and surface treatments was publicly advertised on the Biddingo electronic procurement website. There were twenty registered document takers but only one bid was received which is a typical bid response for this niche type of road construction. The tender submission was opened at 11:30 a.m. on February 7, 2023 with an opening committee consisting of Kayleigh Keighan, Financial Controller- Corporate Services; Pam Walther-Mabee, Manager of Conservation Area Operations; and Paul Lucier, Supervisor of Maintenance and Operations. The tender submission was opened in the presence of the opening committee while sharing the screen through Microsoft Teams. The results of the tender process are shown in Table 1 below:

Table 1: Road Surface Treatment Tender Results

Company	Tender Amount (excluding HST)
Cornell Construction Limited	\$572,700.00

The bid from Cornell Construction Limited meets the requirements outlined in the tender package. This company has successfully completed the annual road surface treatment contract

for the GRCA in previous years including 2015, 2016, 2018, 2019, 2021, and 2022 (road surface treatment was not completed by external contractors in 2017 or 2020).

It is anticipated that approximately 11,200 sq.m. of double surface treatment will be required at the Belwood Lake and Conestogo Lake cottage lot roads (recycled asphalt base is already in place on cottage lot roads).

It is anticipated that approximately 17,400 sq.m. of recycled asphalt base and double surface treatment will be required at the Conservation Area roads along with 5,000 sq.m. of double surface treatment only at Elora Gorge Conservation Area to completed a newly constructed road.

The tender did not include a contingency amount and therefore it is proposed that the total project budget be approved with an internal contingency added. The total proposed project budget is shown in Table 2.

Table 2: Project Budget

Tender Amount	\$572,700.00
Contingency (approx. 10%)	\$57,300.00
Total budget excluding HST	\$630,000.00

Financial Implications:

Funding for road resurfacing is included in both the Conservation Area Capital and Conservation Lands (Cottage Lot) budgets. The amount tendered by Cornell Construction Limited is within the amount budgeted for this purpose.

Other Department Considerations:

Not applicable

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Approved by:

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