

Overview:

A report regarding the Daleview Road reconstruction. On Tuesday, June 16, 2020, the Township's tender for the Daleview Road reconstruction closed.

Conclusion:

Tender packages were received from Dufferin Construction and Drain Brothers Construction. Drain Brothers Construction was the lowest proposal received. It was also determined that the tender package received from Dufferin Construction Company was non-compliant as it was missing the acknowledgement of Addendum #1. The table below outlines the costing for the entire project including geotechnical testing, project management costs and the contingency.

Scope/Task	Company	Estimated Fees
Civil Contractor	Drain Bros. Excavating	\$ 505,881.95
Geotechnical Testing Contractor	Cambium	\$ 12,640.00
Project Management/Contract Administration/Inspections	D.M. Wills Associates Limited	\$ 42,985.00
Subtotal		\$ 561,506.95
10% Contingency		\$ 56,150.70
Total Project Cost Estimate excluding (H.S.T.)		\$ 617,657.65

Township staff and D.M. Wills met with representatives from Drain Brothers Construction to discuss the tender proposal to see if there are ways to reduce the cost of the project. Possible areas of savings are the geogrid slope from the upper road to the lower road. This could be constructed as an armour stone wall rather than a geogrid system and there is also a more economical guardrail system. At the time of writing this report, staff were waiting on amended pricing for this part of the project. During the site meeting there was also discussion of splitting the project into two phases, the first phase would involve the slope stabilization, underground and storm water works and the installation of a guardrail system to be completed 2020. Phase two would commence in 2021 and would include the remainder of the project – grading, culverts and roadworks (i.e. surface treatment). This option would provide some cost savings, however, again at the time of writing this report the amended prices were not available to staff. Once received, the new pricing will be provided.

Recommendation:

That the Public Works-2020-12 report, dated June 24, 2020, regarding the Daleview Road Reconstruction be received and the following approved:

- That Drain Brothers Excavating be awarded the tender utilizing the two-phase approach following the recommendations of D.M. Wills;

- That phase one works would include the slope stabilization, underground and storm water works and the installation of a guardrail system to be completed in 2020.;
- That phase two would commence in 2021 for finalization and include the remainder of the works such as grading, culverts and roadworks.

Financial Impact:

The 2020 Public Works Department has budgeted \$307,876.00 for the Daleview Road project. The tender results are over the budgeted amount for 2020 to complete the entire project this year. The project if completed in a two-phase approach would provide some cost savings. The 2020 first phase overages would be drawn from gas tax and construction reserves. Phase two will need to be budgeted for in 2021 for completion of the project.

Strategic Plan Applicability:

To enhance public transportation that is accessible and effective to support the needs of the community. To ensure that the public works department operates efficiently and effectively.

Sustainability Plan Applicability:

To have an accessible transportation network that places priority on active and efficient modes of transportation.