



Report

Subject: Engineering Services – Reconstruction of Cardwell Street and Dawson Road

Department: Infrastructure Services

Division: Capital Works

Report #: INS-2023-066

Meeting Date: 2023-10-16

Recommendations

That report INS-2023-066, Engineering Services – Reconstruction of Cardwell Street and Dawson Road, be received;

And that Council approve the transfer of funds in the amount of \$23,910.00 from Project # 31122.0000 to Project # 31121.0000

Background and Analysis

The reconstruction of Cardwell Street between Townline and Princess and Dawson between Broadway and Centennial Road have been identified and approved in principle as part of the 10-year Capital Forecast. Better pricing of construction projects can generally be realized by tendering the projects as early in the new year as possible. In an effort to benefit from this early season pricing, the design and tendering of these projects was included within the approved 2023 Capital Budget.

A third Project; number 31122.0000 was also approved in the 2023 for the Engineering Services for the Reconstruction of Cardwell between Princess Street and Dufferin Street, with the construction of this section now planned for 2028.

RFP-2023-098 - Engineering Services for the Reconstruction/Resurfacing of Cardwell Street, Townline to Princess Street and Dawson Road, Broadway to Centennial Road closed on July 11, 2023.

The scope of work under RFP-2023-098 includes:

- Pre-Engineering services
- Engineering design
- Contract writing
- Construction inspection
- Project Management

Analysis

Labour shortages and current higher workloads in the construction industry are impacting recent tender pricing for Town projects.

The 2023 approved Capital Budget allocated funding in the amount of \$80,000 under Capital Project Number 31121.0000 for the Engineering services for the Reconstruction of Cardwell Street between Townline and Princess Street and \$66,000 under Capital Project Number 26043.0000 for Engineering Services for the Resurfacing and new watermain placement of Dawson Road between Townline and Centennial Road. The amount of funding available from these two (2) Capital Projects is \$146,000.

A third Project, number 31122.0000, was approved within the 2023 Capital Budget for the Engineering Services for the Reconstruction of Cardwell between Princess Street and Dufferin Street in the amount of 90,000, with the construction of this section now planned for 2028.

RFP-2023-098 - Engineering Services for the Reconstruction/Resurfacing of Cardwell Street, Townline to Princess Street and Dawson Road, Broadway to Centennial Road was issued in July of 2023.

Seven bids were received by the submission deadline of August 15, 2023.

Acadia Engineering Inc.

Aplin & Martin Consultants Ltd.

Chisholm Fleming & Associates

Concept Dash Inc.

The Jones Consulting Group Ltd

R.J. Burnside & Associates Limited

Triton Engineering Services Limited

An evaluation committee of three (3) staff members reviewed the seven (7) proposals and conducted a consensus evaluation meeting. Their review agreed that three (3) of the proposals did not meet the technical criteria to consider those financial bids. The consensus team evaluated the technical core and financial bids of the remaining four (4) submissions and determined that Triton Engineering Services Limited was the preferred bidder. The submitted bid price of \$167,000 is more than the current allocation of \$146,000, thus leaving a shortfall in the approved funding in the amount of \$21,000. All amounts exclude HST.

Strategic Alignment

Strategic Plan

Strategic Goal: Future Readiness

Objective: Sustainability - Secure the financial viability of the municipality

Sustainable Neighbourhood Action Plan

Theme: Transportation system

Strategy: Promoting a shift to more sustainable and efficient transportation to move people and goods

Notice Provisions

N/A

Financial Impact

Total Design and Engineering	\$167,000.00
HST Impact (1.76%)	\$2,940.00
Current Budget Allocation (Projects # 31121.000 & # 26043.000)	\$146,000.00
Additional Funding Required	(\$23,910.00)

In accordance with the Town's current procurement practices, staff must obtain Council direction when a project is in need of additional funding of over \$5,000 from the approved budget.

In consultation with the Treasurer, Infrastructure Services is recommending that Council approve a transfer of \$23,910 in funding from number 31122.0000 (Engineering Services for the Reconstruction of Cardwell (Princess to Dufferin)).

Given the multi-year nature of these larger scale reconstruction initiatives, the shifting of funds between projects as this time can be reconciled within the updated budget for the construction components in future years.

In addition to this, it should be noted that the threshold for obtaining Council approval of additional funding is relatively low, given the increasing value of construction contracts. In an effort to promote efficiencies, while maintaining appropriate internal controls, staff will look to bring forward an update to the delegated authority for General Managers to authorize additional funding allocations to a higher value. These approvals would only be permitted where the increased costs remain within the department-wide capital budget for the current fiscal year and would be reviewed/approved in consultation with the Treasurer.

Respectfully Submitted,

Tim Kocialek, P.Eng., PMP
General Manager, Infrastructure Services

Prepared by,

Derek Currie
Manager, Capital Works

Attachments: None