



Administrative Report

Office of the Director of Infrastructure Services

To: Warden Tom Bain and Members of County Council

**From: Tom Bateman, P.Eng
Director of Infrastructure Services/County Engineer**

Date: May 16, 2018

**Subject: County Road 22 Capacity and Safety Improvement
Program Phase 6A, Contract Awards**

Report #: 2018-0516-IS-R015-TRB

Purpose

The purpose of this report is to provide County Council information and a recommendation pertaining to tender results for County Road 22 Capacity and Safety Improvement Project Phase 6A.

Background

The County has been undertaking projects in support of the County Road 22 Capacity and Safety Improvement Program for several years. The program is improving capacity of the County Road 22 corridor by reconstructing the existing two lane highway with a four lane highway. Operational and geometric improvements focused on improving safety have been introduced such as the one metre wide flush median as the highway is reconstructed. Projects to date have been completed from County Road 19 to County Road 25 intersection. Attachment No. 1 highlights the phases.

Discussion

Phase 6A scope includes the proposed five lane expansion including the common left turn lane and road drainage improvements. The limits of Phase 6A extend from I.C. Roy Road to east of County Road 25.

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The full 2018 construction season is required for the permanent works. The construction will require temporary closure of I.C. Roy Road for 10 weeks and short duration closures of County Road 22.

Contract Administration Agreement

Dillon Consulting has been engaged by the County of Essex since the commencement of the original corridor Environmental Assessment and has completed assignments related to preliminary corridor design and detailed design for Phases 1 through 5A and 5B. Dillon also provided Contract Administration for each of these contracts.

Dillon was requested to prepare a proposal for the provision of Contract Administration and On-site services for Phase 6A. The extension of a Consultant's current assignment including an increase in scope of work related to construction support is common practice. This methodology improves efficiency and reduces overall project costs through the Consultant's familiarity with the project complexities, reduces duplication in administering the contract and maintains consistency with the overall project team from preliminary/detailed design through construction.

The Consultant will provide services involving field inspection, quality control, design review, sub consultant coordination, technical information/product review, schedule monitoring, environmental mitigation monitoring and reporting as well as administrative tasks related to payment certification and document management. The proposal was reviewed by the County for scope, deliverables and fees and is considered appropriate.

The cost associated with the proposal is as follows:

Phase 6A – Contract Administration/On Site Services - \$289,850 plus H.S.T.

The agreement will be based on the Professional Engineers Ontario standard service provision agreement.

Construction Tender

The tender package for Phase 6A was publicly advertised. The Consultant reviewed the tender for compliance with the specifications and mathematical accuracy and the Consultant recommends that the tender for Phase 6A be awarded to Amico Infrastructures Inc. as submitted.

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County Road 22 Phase 6A

Vendor	Submitted Value
Engineer's Estimate	\$4,500,000.00
Amico Infrastructures Inc.	\$4,658,300.00
Coco Paving Inc.	\$4,744,000.00
SLR Contracting Group Inc.	\$4,995,985.00

The Tender results are approximately 3% greater than the Engineer's Estimate

Financial Implications

The tenders received exceeded the Engineer's estimates. A comprehensive review of the unit rates for the work activities suggests that the value of these items have escalated at a rate beyond what was anticipated. The overall budget for this project has also been impacted by these escalations as well as additional works required through the approval process. The program to improve County Road 22 is funded from the County's Roadway and Expansion Reserve and can accommodate these variances.

Recommendation

1. It is recommended that By-law #25-2018 be adopted to authorize the Warden and Clerk to execute an agreement with Dillon Consulting Ltd. for the provision of Contract Administration / On Site Services for Phase 6A of the County Road 22 Capacity and Safety Improvement Program.
2. It is recommended that the tender for the construction of Phase 6A of the County Road 22 Capacity and Safety Improvement Program be awarded as follows:

Project No. 13107-590 County Road 22 – Phase 6A to Amico Infrastructures Inc. for a Total Tender Amount of \$4,658,300.00 plus H.S.T.

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Respectfully Submitted

Tom Bateman

Originally Signed by

Tom Bateman P.Eng, Director of Infrastructure Services/County Engineer

Concurred With,

Robert Maisonville

Originally Signed by

Robert Maisonville, Chief Administrative Officer

Appendix No.	Title of Appendix
1	County Road 22 Phase 6A Highlights