

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee

From: Kelly Scherr, P. Eng., MBA, FEC,
Deputy City Manager, Environment & Infrastructure

Subject: Contract Amendment: RFP 17-20 Detailed Design for
Sunningdale Road Improvements

Date: October 2, 2024

Recommendation

That, on the recommendation of the Deputy City Manager, Environment and Infrastructure, the following actions **BE TAKEN** with respect to the contract amendment for the detailed design and tendering of Sunningdale Road Improvements:

- a) The contract with AECOM Canada Limited **BE INCREASED** by \$1,416,336 to a total amended value of \$2,184,081, excluding HST, to complete the detailed design and tendering services for the road improvements to Sunningdale Road in accordance with Section 20.3 (e) of the Procurement of Goods and Services Policy;
- b) The financing for this contract amendment **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix A;
- c) The Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with the contract award and contract amendment; and,
- d) The Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

Executive Summary

This report seeks the approval of Council to increase the existing contract with AECOM Canada Limited by \$1,416,336 to complete the additional phases of design and tendering activities required for the Sunningdale Road improvements from east of Wonderland Road to Bluebell Road and extending the easterly limits to Blackwater Road.

A proposal for design and tendering activities has been prepared by AECOM Canada Limited which reflects updated construction phasing and meets current requirements for completion of all design and tendering activities required for the construction of improvements for the Sunningdale Road corridor from east of Wonderland Road to Blackwater Road. Construction is scheduled to occur in multiple stages starting in 2025 subject to obtaining all required approvals.

AECOM Canada Limited has successfully completed the environmental assessment study and other preliminary and detail design activities for this project and is being recommended to complete the remaining project activities which will provide cost efficiencies due to their extensive experience and involvement in earlier phases of the project. In accordance with the City's Procurement of Goods and Services Policy, Council approval of this contract amendment is required.

Linkage to the Corporate Strategic Plan

Municipal Council's new Strategic Plan identifies Mobility and Transportation as a strategic area of focus. This report supports the Strategic Plan by identifying the building of infrastructure that provides safe, integrated, connected, reliable and efficient transportation choices.

The Sunningdale Road improvements will support the significant growth occurring in the north of the city while improving safety, connectivity and capacity for all modes of mobility.

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter

- Civic Works Committee — May 29, 2012 — Sunningdale Road Improvements Environmental Study Report Project Number: TS1496
- Civic Works Committee — March 24, 2014— Contract Award: Tender No. Ti 4-53 2014 Sunningdale Road and Wonderland Road North Roundabout Implementation
- Civic Works Committee — July 17, 2017 — Sunningdale Road Improvements Detailed Design and Tendering Appointment of Consulting Engineer

2.0 Discussion and Considerations

2.1 Background

The Sunningdale Road corridor was identified as a priority in the 2030 Smart Moves Transportation Master Plan and the last Development Charges Background Study. In 2012, an environmental study report was completed by AECOM Canada Limited to identify a preferred design for improvements to the Sunningdale Road corridor from Wonderland Road to Adelaide Street.

Improvements to the Sunningdale Road corridor will enhance safety and connectivity for all modes of mobility and will include intersection improvements, changes to the roadway profile to improve safety, additional driving lanes, a new bridge at Medway Creek, new sidewalks, storm sewers, lighting and cycling facilities. Opportunities to complete the construction in several stages and to coordinate servicing opportunities for undeveloped lands were also identified as part of the earlier planning work.

2.2 Discussion

Following the successful completion of the Sunningdale Environmental Study Report in 2012, AECOM Canada Limited was subsequently awarded a contract for initial design and tendering services for the Sunningdale Road corridor improvements in 2017 through a competitive procurement process in accordance with Section 15.2 (e) of the Procurement of Goods and Services Policy. Through this contract, design and tendering services have been completed for the Richmond Street and Sunningdale Road intersection and preliminary design activities for the new Medway Creek bridge and other roadway components have been advanced. There has also been extensive coordination with Imperial Oil and other utility companies regarding relocations as part of this initial design stage.

In order to coordinate with ongoing private developments occurring along the corridor and address current environmental approvals and new requirements from Imperial Oil for their pipeline located along some of the corridor, it has been necessary to develop an updated construction phasing strategy. Grouping the remaining improvements into multiple construction phases achieves schedule efficiencies and provides a risk management approach to deal with external third parties approvals including coordination with Imperial Oil whose pipeline infrastructure is impacted in some, but not all phases. To address these ongoing issues, a recommended phasing approach is identified below:

- Phase 1- Sunningdale and Richmond Street Intersection, construction planned in 2025 subject to final approvals.
- Phase 2A – Wonderland Road to Medway Creek Bridge, tendering and advance construction activities planned for 2025 with major construction to start in 2026.
- Phase 2B – Medway Creek Bridge, construction planned to begin in 2025 or 2026 subject to environmental approvals.
- Phase 3 – Medway Creek Bridge to Richmond Street, construction planned in 2025 or 2026 subject to final approvals.
- Phase 4 – east of Richmond Street to Blackwater Road, construction planned in 2027 subject to final approvals.

Extension of the easterly project limit to Blackwater Road/Appletree Gate better accommodates stormwater management phasing and includes an area of priority need for the complete streets improvements included in these works. The timing of Sunningdale Road improvements through the Adelaide Street intersection will be coordinated with consideration of the Adelaide Street corridor in the Mobility Master Plan and Development Charges Bylaw processes.

AECOM Canada Limited has prepared a proposal for the remaining multiple detailed design phases for the improvements to the Sunningdale Road corridor from Wonderland Road to Blackwater Road. Extending the current consultant assignment to include these additional design phases provides good value to the city and cost efficiencies will be realized in this approach as there is significant background knowledge within the firm, with many staffing members having extensive background information and understanding of risk areas.

The negotiated consultant fees for this additional effort reflects current industry conditions and includes additional engineering services required to complete the detailed design, contract drawings, and tender packages for the Sunningdale Road Improvements. The scope and budget for the remaining design and tendering activities consider the following major items:

- Ongoing private development occurring along the corridor and the need for the design to consider adjacent site and subdivision plans
- Recent utility infrastructure installation
- Current city design standards and requirements including new active transportation design standards
- Changes in provincial regulations and requirements including the latest environmental, bridge code and excess soils management requirements
- An adjustment to the easterly project limit to better accommodate stormwater management
- Extensive coordination with Imperial Oil, other utility companies and private property owners.

2.3 Procurement Process

In 2017, a request for pre-qualifications was issued (RFQUAL17-04) and four consultants were prequalified for the second stage RFP17-20 for 'Consultant Services for Detailed Design and Tendering of Sunningdale Road – From Wonderland Road North to Bluebell Road'. As a result of the RFP, AECOM was identified as the highest scoring proponent providing the best value to the City and was awarded a contract. The initial RFP scope was to complete the design phase in preparation of tendering for the improvements as specified in the RFP. Due to several complexities and project developments, as described in this report, it is now necessary to change the project scope to meet the objectives which requires an amendment to the original contract with AECOM.

As per Section 20.3 b) of the Procurement of Goods and Services Policy, the scope of the project has changed to correspond with the additional costs and contract

amendment. Also as per Section 20.3 e) ii) of the Policy, City Council must authorize contract amendments when the total amended value of the contract will exceed the Council approved source of financing by an amount greater than \$50,000 or 3% of original contract value, whichever is greater, and there are funds available.

3.0 Financial Impact/Considerations

The total additional funding required to complete the remaining design and tendering activities for all project phases is \$1,416,336 excluding HST, and is available within the approved budget for this project. This amount includes a contingency in the event of unforeseen requirements.

The Source of Financing Report is appended as Appendix A.

Conclusion

Improvements to the Sunningdale Road corridor between Wonderland Road and Blackwater Road are important to address ongoing and future growth in the northern areas of the city. These complete streets improvements will improve safety, capacity and connectivity for all modes of mobility.

It is recommended that the existing consultant agreement with AECOM Canada Limited be amended by amount of \$1,416,336 to complete the design and tendering activities for the extended limits and revised phasing of the corridor improvements and to allow some construction activities to start in 2025 subject to all external approvals. The recommended contract increase will allow the consultant to complete the detailed design work as identified in this report.

The recommendations provided in this report will result in cost efficiencies and provide good value for the city while allowing the much-needed improvements to the Sunningdale Road corridor to occur in a timely manner.

In accordance with the City's Procurement of Goods and Services Policy, Council approval of this contract amendment is required.

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Recommended by:	Kelly Scherr, P. Eng., MBA, FEC Deputy City Manager, Environment & Infrastructure
Attachment:	Appendix A – Source of Financing
c:	Steve Mollon, Senior Manager, Procurement & Supply Violetta Sypien, CET, Senior Technologist Jenna Van Lanen, P.Eng., Transportation Design Engineer Josh Ackworth, AECOM Canada Limited Peter McAllister, AECOM Canada Limited Ian Blevins, AECOM Canada Limited