

Region of Waterloo

Corporate Services

Treasury Services

To: Regional Council

Meeting Date: May 22, 2024

Report Title: Increase to Contract Administration and Inspection Services for contract T2022-158 Highway 7/8 Pedestrian and Cycling Bridge from Strasburg Road to Avalon Place

1. Recommendation

That the Regional Municipality of Waterloo increase the consulting services agreement with BT Engineering for Contract Administration and Inspection Services on Contract T2022-158 Highway 7/8 Pedestrian and Cycling Bridge from Strasburg Road to Avalon Place in the amount of \$730,000 plus all applicable taxes as set out in report COR-TRY-24-020 dated May 22, 2024; and

That the 2024 Capital Budget for project 66114 in the Grand River Transit Capital Program be increased by \$742,800 as outlined in Appendix A.

2. Purpose / Issue:

Purchasing by-law 22-034 Section 12 item 1a requires Council to approve the disbursement of additional funds in excess of the greater of \$250,000 or ten percent (10%) of the original contract price.

3. Strategic Plan:

The requested increase on this contract is required to complete construction of the Highway 7/8 Pedestrian and Cycling bridge which will provide car alternative options in connecting two communities on opposite sides of the highway. This supports the 2023-2027 Strategic Objectives of Climate-aligned growth and Equitable Services.

4. Report Highlights:

On May 16, 2017, consulting assignment C2017-25 for a Schedule 'C' Class Environmental Assessment, Preliminary Design, and Detailed Design of a Highway 7/8 Pedestrian Bridge Between Chandler Drive and Avalon Place, City of Kitchener was awarded to BT Engineering in the amount of \$418,149 plus all applicable taxes as approved per Committee Report TES-DCS-1710.

On August 29, 2022, The Regional Municipality of Waterloo entered into a consulting services agreement for Contract Administration and Inspection Services with BT Engineering for Contract T2022-158 Highway 7/8 Pedestrian and Cycling Bridge from Strasburg Road to Avalon Place in the amount of \$1,161,100 plus applicable taxes approved per CAO Report P22-46.

An increase to Contract Administration and Inspection Services in the amount of \$730,000 plus all applicable taxes is required to bring the project to completion.

5. Background:

The work under this contract includes the following:

- A pedestrian and cycling bridge located at the end of Southmoor Drive with ramps extending west along Avalon Place and south along Chandler Drive and stairs at each end of the bridge;
- A steel truss bridge structure with no roof enclosure;
- A clear width of 4.0 metres on the bridge and connecting ramps;
- New sidewalk along the south side of Avalon Place connecting to the intersection of Avalon Place and Stirling Avenue;
- A new multi-use trail along Strasburg Road from the proposed bridge to the intersection of Strasburg Road and Ottawa Street;
- Lighting on the bridge and ramps; and
- Enhanced landscaping in the vicinity of the bridge ramps as space permits.

After contract award and during construction, supply chain issues affected critical materials for the bridge superstructure, deck reinforcing steel, embedded electrical elements and stainless steel railings. During foundation work for the south side substructures, additional ground stabilization and support was required via helical piles in several locations. These factors caused delays to the work requiring additional time to complete the work safely and to contract requirements. This in turn requires additional time for consultant contract administration and inspection time and service.

6. Communication and Engagement with Area Municipalities and the Public

Area Municipalities: Public and stakeholder engagement was undertaken during the Municipal Class Environmental Assessment.

The City of Kitchener and the Ontario Ministry of Transportation were consulted during the detailed design of this bridge. The Region has entered into agreements with both the City of Kitchener and the Ontario Ministry of Transportation for the construction and maintenance of this bridge.

Public: During the remainder of the 2024 phase of construction, one way traffic will be maintained on Avalon Place and there will be a 24 hour weekend closure of Highway 7/8 required to move and lift the bridge into place. Leading up to this closure, communications will be provided to the public and media in advance. Ottawa Street will be used as the detour route during the highway closure.

7. Financial Implications:

The 2024 Capital Budget for project 66114 in the Grand River Transit Capital Program is required to be increased by \$742,800 plus all applicable taxes as outlined in Appendix A.

8. Conclusion / Next Steps:

Nil

9. Attachments:

Appendix A: Detailed Financial Implications.

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Approved By: Craig Dyer, Commissioner Corporate Services/Chief Financial Officer

Appendix A: Detailed Financial Implications

Contract Administration and Inspection increase	\$730,000
Plus: Applicable Net HST of 1.76%	<u>\$12,800</u>
Total	<u>\$742,800</u>

Note: All figures are rounded to the nearest \$100.

The Region's approved 2024-2033 Transit Services Capital Program includes a budget of \$5,944,000 in 2024 for Pedestrian Bridge Highway 7/8 (project # 66114) to be funded from the Investing in Canada Infrastructure Program (ICIP) (56%, \$3,349,000), the Transit Capital Reserve (26%, \$1,572,000) and from the Transit Regional Development Charges (RDC) Reserve Fund (18%, \$1,023,000).

The contract extension requires a budget adjustment of \$742,800 in 2024 in addition to the budget available for project # 66114 in the Region's approved 2024-2033 capital program. The additional costs will be funded from the RDC Reserve Fund (39%, \$289,700) and the Transit Capital Reserve (61%, \$453,100).