



Report to: General Committee

Meeting Date: June 14, 2021

SUBJECT:	Award of Construction Tender 042-T-21 Erosion Restoration at Rouge River and Tributary to German Mills Creek
PREPARED BY:	Rob Grech, Manager, Stormwater, Env. Services, Ext. 2357 Flora Chan, Senior Buyer, Ext. 3189

RECOMMENDATION:

- 1) That the report entitled “Award of Construction Tender 042-T-21 Erosion Restoration at Rouge River and Tributary to German Mills Creek” be received; and,
- 2) That the contract for Tender 042-T-21 Erosion Restoration at Rouge River and Tributary to German Mills Creek be awarded to the second lowest priced Bidder, Hawkins Contracting Services Ltd. in the amount of \$403,251.88, inclusive of HST impact; and,
- 3) That a 10% contingency in the amount of \$40,325.19 inclusive of HST, be established to cover any additional construction costs and that authorization to approve expending of this contingency amount up to the specified limit be in accordance with the Expenditure Control Policy; and,
- 4) That the construction award in the amount of \$443,577.07 (\$403,251.88 + \$40,325.19) be funded from 750-101-5699-21157 “Erosion Restoration Program”; and
- 5) That the remaining funds in project #21157 “Erosion Restoration Program” in the amount \$74,302.93 be retained in the account for other immediate restoration work that may be required in 2021-2022.
- 6) That Staff be authorized and directed to do all things necessary to give effect to this resolution.

PURPOSE:

The purpose of this report is to obtain Council approval to award the contract erosion restoration at Rouge River and the Tributary to German Mills Creek, at the locations shown in Attachment ‘A’ and ‘B’.

BACKGROUND:

In 2019, through the City erosion inspection process, staff discovered significant movement of the watercourse had occurred that was threatening the City owned trail at the Rouge River, and City owned sanitary sewer network at the Tributary to German Mills Creek.

The work consists of the following:

- Mobilization and site preparation, including fencing, traffic/pedestrian control, access route protection, signage;
- Environmental protection works, including tree protection, site dewatering, and erosion and sediment control;
- Erosion restoration works, including grading, boulder placement, and City sanitary sewer encasement;
- Cleanup and restoration of the work area upon completion of the works;

Timing of this work is subject to environmental timing windows subject to TRCA regulations, and as such, work on the Rouge River site must be completed between July 1 and September 15, and work on the Tributary to German Mills Creek must be completed between July 1 and March 31.

Staff will notify the public of this project by posting signage at the sites prior to construction being initiated, mailing out notices to residential properties in the vicinity of the project, and through the City's social media.

BID INFORMATION

Bid closed on	May 6, 2021
Number picking up document	13
Number responding to bid	7

Staff recommend not awarding the Contract to the lowest priced bidder on the basis that reference checks did not provide proof of their experience. Pursuant to Part II Section 17.4 of the City of Markham's General Terms and Conditions (which form part of the tender document), the City reserves the right, in its sole discretion, not to award to the lowest priced Bidder, whose reference checks do not meet or exceed the expectations of the City.

The 2nd low bidder (Hawkins Contracting) has related experience and have good performance history with the City.

FINANCIAL CONSIDERATIONS

Current budget available	\$517,880.00	750-101-5699-21157 Erosion Restoration Program
Less cost of award	\$403,251.88	Cost of Award
	<u>\$ 40,325.19</u>	Contingency (10%)
	\$443,577.07	Award Incl. of HST & Contingency (10%)
Budget remaining after this award	\$ 74,302.93	*

*Remaining funds of \$74,302.93 will be retained in the account for other immediate restoration work that may be required in 2021-2022.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The next restoration at these sites are anticipated to be beyond 25 years and therefore there is no incremental life cycle impact. There is no incremental operating budget impact.

ENVIRONMENTAL CONSIDERATIONS

Erosion restoration reduces downstream sedimentation and improves water quality and fish habitat while contributing to a sustainable, healthy ecosystem that is in line with the City's Greenprint initiative. The restoration construction will endeavour to restore the natural form and function of the German Mills Creek system while limiting the hazards to existing infrastructure and private property.

HUMAN RESOURCES CONSIDERATIONS

Not applicable

ALIGNMENT WITH STRATEGIC PRIORITIES:

The proposed erosion restoration project is aligned with the City's objectives within the "Building Markham's Future Together" strategic plan, as it is needed to provide a Safe and Sustainable Community.

BUSINESS UNITS CONSULTED AND AFFECTED:

The Finance department has been consulted and their comments have been incorporated.

RECOMMENDED BY:

Eddy Wu
Director of Environmental Services

Morgan Jones
Commissioner, Community Services

ATTACHMENTS:

Attachment 'A' – Rouge River Site Location

Attachment 'B' – Tributary to German Mills Creek Site Location



Attachment 'A' – Rouge River Site Location



Attachment 'B' – Tributary to German Mills Creek Site Location