

THE CORPORATION OF THE TOWN OF GEORGINA

REPORT NO. OI-2020-0008

**FOR THE CONSIDERATION OF
COUNCIL
MAY 27, 2020**

**SUBJECT: AWARD OF REQUEST FOR PROPOSAL:
CONSULTING ENGINEERING SERVICES – Hedge Road Bank
Stabilization**

1. RECOMMENDATION:

- 1. That Council receive Report No. OI-2020-008 prepared by the Operations and Infrastructure Department, dated May 27, 2020 regarding procurement of Consulting Engineering Services for the Hedge Road Bank Stabilization Project.**
- 2. That Council approve the award of contract OID2019-028 to Tatham Engineering Ltd. for the project management, design and public consultation phase of the Hedge Road Bank Stabilization Project., in the amount of \$224,064.75, excluding HST;**
- 3. That Council authorize staff to award the Contract Administration and Site Inspection phase of Contract OID2019-028 to Tatham Engineering Ltd. subject to satisfactory completion of the design and public consultation phase and subject to authorization to proceed with construction tendering;**
- 4. That Council authorize the Manager of Procurement Services to execute the Agreement between the Town of Georgina and Tatham Engineering Ltd. and execute all other necessary documents.**

2. PURPOSE:

To seek Council authorization to award Contract OID2019-008 to Tatham Engineering Ltd. for the design of work to stabilize the bank between Hedge Road and Lake Simcoe from the Black River to 200m east of Seaward Drive.

3. BACKGROUND:

Hedge Road runs adjacent to Lake Simcoe. Hedge Road is situated at an elevation considerably higher than the lake level and there is a steep slope between the road and water. Erosion of the shoreline in this area is due to a variety of factors including wave action, lack of vegetation that provides slope stabilization, and the interbedded erodible

sandy material in the bank itself. The Town repaired sections of this slope in 2010. In 2019, another large section of shoreline 200m to the west of Seaward Drive failed and was repaired.

In 2013, the Town retained a geotechnical consultant to complete a slope stability study of 960 metres of shoreline from the Black River to Seaward Drive. This study recommended a detailed assessment, design and rehabilitation of the slope be undertaken to protect the road asset.

4. ANALYSIS:

The RFP for Consulting Engineering Services for the Hedge Road Bank Stabilization Project was released November 26, 2019. There were eleven (11) Plan Takers. The RFP closed January 27, 2020 with two (2) submissions received. Two (2) proposals were reviewed and scored.

The recommendation of Tatham Engineering as the preferred proponent is based on the scoring of the proponents' work plan and project understanding, quality of the proposals, interviews and fee amounts. Scoring was based on 70% technical and 30% cost.

Respondents		Total Point Score
1.	Tatham Engineering Ltd.	85.5
2.	Planmac Engineering Inc.	Cost envelope not opened

Tatham Engineering Ltd. received a total technical score of 85.5. Planmac Engineering Inc. did not meet the minimum technical score and therefore did not qualify to move on to the financial evaluation stage.

Upon completion of design phase, staff will tender the works for construction and will report later in 2020 to seek Council approval for construction.

Tatham Engineering Ltd. as part of their submission provided provisional costs for contract administration and construction inspection services. The price submitted by Tatham Engineering Ltd. for the Construction Administration and Inspection phase of the project are based on an assumed construction period of twelve (12) weeks. Staff recommend that Council authorize staff to award the Contract Administration and Site Inspection phase of Contract OID 2019-028 to Tatham Engineering Ltd. subject to satisfactory completion of the design and public consultation phase and subject to authorization to proceed with construction tendering. Only actual costs will be paid for Contract Administration and Site Inspection services.

5. RELATIONSHIP TO STRATEGIC PLAN:

This report addresses the following strategic goal:

PRIORITY 4: “Deliver Exceptional Service” – Manage our Finances and Assets Proactively

The Town’s road network is a core asset that requires proactive maintenance and rehabilitation. The identified segment of Hedge Road is at risk of failing and rehabilitation work is required to stabilize the slope.

6. FINANCIAL AND BUDGETARY IMPACT:

Hedge Road Slope Stabilization Design and Construction	Spent or Committed (Excluding HST)	Spent or Committed (Incl. 1.76% HST)	Remaining Budget
Initial Budget			\$1,650,000.00
Emergency bank stabilization completed in 2019		\$81,793.37	\$1,568,206.63
2019/2020 Budget Allocation (Proposed)			
Engineering Consulting Services for Design of the Hedge Road bank stabilization.	\$ 224,064.75	\$ 228,008.29	
Contract Administration and Site Inspection (Estimated)	\$160,230.00	\$163,050.05	
Total	\$384,294.75	\$391,058.34	\$1,177,148.29

As indicted in the table above, there will be \$1,177,148.29 available to complete the construction phase of the project works. Staff will keep Council updated through various milestones of the project.

7. PUBLIC CONSULTATION AND NOTICE REQUIREMENTS:

An important component of this work involves public engagement as the owners who abut Hedge Road use the slope to access the water. Some of the owners have constructed steps, removed vegetation, built docks and constructed retaining structures as mitigating measures against slope failure. A component of this assignment will include consulting with these residents to explore rehabilitation options including a needs assessment and cost sharing, prior to finalizing a design.

8. CONCLUSION:

Staff recommend that Council authorize the award of Contract OID2019-008 to Tatham Engineering Ltd. for the design of work to stabilize the bank between Hedge Road and Lake Simcoe from the Black River to 200m east of Seaward Drive.

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