

Municipality of Chatham-Kent
Infrastructure and Engineering Services
Engineering and Transportation Division

To: Mayor and Members of Council

From: Mark McFadden, P.Eng.
Manager, Engineering (Traffic & Underground Infrastructure)

Date: December 20, 2021

Subject: Request for Proposal Award: RFP R21-350, Consulting Engineering Services for Thames River Slope Stabilization, 14239 Longwoods Road, Community of Zone

Recommendations

It is recommended that:

1. The proposal in the amount of \$209,986.85, including HST for the Thames River Slope Stabilization, 14239 Longwoods Road, Community of Zone be awarded to Ecosystem Recovery Inc.
2. The Mayor and Clerk be authorized to sign the necessary agreement.

Background

A Request for Proposal was issued by the Engineering and Transportation Division for a Municipal Class Environmental Assessment (MCEA) associated with the consulting engineering services related to the design and contract administration of a river bank slope stabilization project. When originally constructed, Longwoods Road was sufficiently offset from the top of the river bank to ensure that it was not at risk. However, the natural meander of the river has caused a significant amount of erosion over time, thus reducing that offset and creating slope stability concerns directly adjacent to the road at a number of locations. The subject site is one such location that covers approximately 380 m of bank near 14239 Longwoods Road.

Early in 2019 the Federal Government, through Infrastructure Canada, awarded Chatham-Kent funding as part of the Disaster Mitigation and Adaption Fund (DMAF) program.

Infrastructure Canada awarded Chatham-Kent \$16,575,200 in funding over 10 years with 2019 being the first year. The grant program is a cost sharing program with the local Municipality providing 60% of the funding and the Federal Government providing the remaining 40%.

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Comments

This river bank slope stabilization project will be very complex due to the nature of the area and the proximity of the existing roadway. The MCEA requires engagement with the applicable Federal and Provincial agencies. Indigenous consultation is also required in order to ensure all the aspects of the Crown's Duty to consult and the MCEA are followed. There will be public stakeholder consultation, but at this time it is not known if it will take place virtually or in person. The work will include, but is not limited to, Natural Environmental Assessment, Archeological Assessment, stormwater conveyance, river hydraulics and slope stability analysis which includes the geotechnical analysis of the area.

Four (4) separate proposals were received by the Purchasing Officer on December 15, 2021 and forwarded to the Engineering and Transportation Division for review and evaluation by the evaluation panel, using the Council approved evaluation matrix as provided in the proposal call to all submitting firms. The four proposals submitted were from AECOM, Ecosystem Recovery Inc. (ERI), RC Spencer and Associates, and Water's Edge Environmental Solutions Team Ltd. (WE).

The proposals were received using a two-envelope system with the technical proposals in one envelope and the fee schedule in a separate envelope opened by the panel only after the ratings of the technical proposal had been determined.

Due to the complexity of the project and the specialized nature of the work that was required to complete this project, the respondents were required to achieve 70% grade threshold on their technical proposal submission. Submissions must score at least 70% of the maximum on the evaluation matrix to have their fee envelope opened. Failure to achieve the grade will result in a non-compliant submission.

Table 1: Summary of Evaluation Scores

Rank	Submitting Firm	Office Location	Final Score
1.	Ecosystem Recovery Inc. (ERI)	London, ON	1256.2
2.	AECOM	London, ON	891.3
3.	RC Spencer Associates Inc.	Chatham, ON	N/C
4.	Water's Edge Environmental Solutions Team Ltd. (WE)	Cambridge, ON	N/C

The proposals submitted by ERI and AECOM adhered to the requested content of the RFP. The submissions from RC Spencer and WE were considered non-compliant, and therefore their financial envelopes were not opened. The proposal submitted by ERI illustrated the staffing resources, methodology and quality controls necessary to initiate and successfully complete this project. Based on the panel review process, the proposal submitted by ERI was deemed to be the preferred submission ranked highest by the panel.

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Areas of Strategic Focus and Critical Success Factors

The recommendations in this report support the following areas of strategic focus:

- ☐ Economic Prosperity:
Chatham-Kent is an innovative and thriving community with a diversified economy
- ☐ A Healthy and Safe Community:
Chatham-Kent is a healthy and safe community with sustainable population growth
- ☐ People and Culture:
Chatham-Kent is recognized as a culturally vibrant, dynamic, and creative community
- ☒ Environmental Sustainability:
Chatham-Kent is a community that is environmentally sustainable and promotes stewardship of our natural resources

The recommendations in this report support the following critical success factors:

- ☐ Financial Sustainability:
The Corporation of the Municipality of Chatham-Kent is financially sustainable
- ☐ Open, Transparent and Effective Governance:
The Corporation of the Municipality of Chatham-Kent is open, transparent and effectively governed with efficient and bold, visionary leadership
- ☐ Has the potential to support all areas of strategic focus & critical success factors
- ☒ Neutral issues (does not support negatively or positively)

Consultation

The proposals were received, opened and distributed to the Engineering and Transportation Division by the Purchasing Officer. Proposals were reviewed, evaluated and ranked by a panel consisting of the Manager of Engineering (Traffic & Underground Infrastructure) and four Engineering Technologists of the Infrastructure and Engineering Department.

Financial Implications

Costs associated with engineering consulting fees and disbursements related to same will be funded by the DMAF Reserve of which 40% of the entire costs will be recovered from the Federal Government.

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The project summary is set out in the following table:

Proposal R21-350
Engineering Services for: Thames Slope Stabilization – 14239 Longwoods Road,
Community of Zone

Description	Total
A) Project Costs	
Recommended RFP	\$186,355.00
Contingency	\$20,000.00
Plus HST 13%	\$26,826.15
Total RFP Costs (Including HST)	\$233,181.15
Less HST Rebate 11.24%	- \$23,194.30
Total Project Costs	\$209,986.85
B) Estimated Project Funding	
DMAF Reserve – 100%	\$209,986.85
Total Project Funding	\$209,986.85

The low tender bid submitted by Ecosystem Recovery Inc. was within the budget estimate.

The recommendation in this report has an associated financial implication of \$209,986.85 in consulting and contract administration fees. This fee covers all consulting aspects of the project.

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Prepared by:

Reviewed by:

Debbie Cooper, C.Tech
Engineering Technologist I
Engineering and Transportation

Mark McFadden, P.Eng.
Manager, Engineering
(Traffic & Underground Infrastructure)
Engineering and Transportation

Reviewed by:

Reviewed by:

Chris Thibert, P.Eng.
Director, Engineering
Engineering and Transportation

Thomas Kelly, P.Eng., MBA
General Manager
Infrastructure and Engineering Services

Consulted and confirmed the content of the consultation section of the report by:

Jennifer Scherle
Purchasing Officer
Finance, Budget & Information Technology Services

Attachments: None

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