



REPORT TO COUNTY COUNCIL

FROM: Peter Dutchak, Director,
Engineering Services

DATE: December 6, 2023

SUBJECT: Geotechnical Services – Slope
Rehabilitation Works (Fingal Line and Glen Erie Line)

RECOMMENDATIONS:

THAT Englobe Corp. be retained to provide geotechnical investigative, slope stability analysis and remediation design services for the rehabilitation of unstable road slopes on Fingal Line and Glen Erie Line in accordance with Section 4.7c(iii) of the County's Procurement Policy.

INTRODUCTION:

Englobe Corp. has submitted a proposal to complete detailed geotechnical analysis and to prepare specifications and construction plans to remediate identified unstable road slopes on Fingal Line and Glen Erie Line. This work is a natural continuation of previous work recently completed by Englobe Corp. and therefore staff is recommending awarding the assignment as a single source purchase of services as supported by the County's Procurement Policy.

BACKGROUND AND DISCUSSION:

As part of pre-engineering planning work to support capital projects scheduled to be completed in 2024, Englobe Corp. was retained through an RFP process adhering to the County's Procurement Policy to complete geotechnical investigative works on Fingal Line and Glen Erie Line. That investigation concluded that there are two (2) unstable road slopes on Fingal Line (CR 16) and eight (8) unstable road slopes on Glen Erie Line (CR 42) that require further investigation and remediation. The 2 locations on Fingal Line are within the planned reconstruction area of the 'Port Talbot Hill' proposed to be reconstructed in 2024. The 8 road slope locations on Glen Erie Line are planned to be remediated in 2024 and this road surface is planned to be rehabilitated in 2025. Therefore, completion of this engineering and design work is important to maintain the construction schedule of other projects.

Englobe Corp. has submitted a proposal (attached) to complete geotechnical fieldwork to drill boreholes at each slope location (10 in total, ranging in depth of 6 to 28 metres),

laboratory testing and prepare remediation specifications and design drawings for each location. The total cost of these services is \$209,500 plus HST. The proposed 2024 capital budget has allocated funds towards the reconstruction of Port Talbot Hill on Fingal Line and to rehabilitate road slopes along Glen Erie Line with sufficient budget to fund Englobe’s work.

The County’s Procurement Policy allows for non-competitive, single source purchases of goods and services provided there are valid and sufficient reasons. Section 4.7c(iii) states, “The procurement may be conducted using a Single Source process if there is a need for compatibility with goods and/or services previously acquired or the required goods and/or services will be additional to similar goods and/or services supplied under an existing contract”. The County had previously awarded geotechnical investigative services to Englobe Corp. through a competitive process. This new proposal is a natural progression of previously completed works by Englobe Corp. and therefore staff is recommending to accept their proposal as a single source purchase.

FINANCIAL IMPLICATIONS:

The proposed 2024 Capital Budget includes the Port Talbot Hill Reconstruction (\$2,636,700) and Glen Erie Line Road Slopes Stabilization (\$2,040,000) for which the services proposed by Englobe Corp (\$209,500 plus HST) will be funded.

ALIGNMENT WITH STRATEGIC PRIORITIES:

Serving Elgin	Growing Elgin	Investing in Elgin
<p><input type="checkbox"/> Ensuring alignment of current programs and services with community need.</p> <p><input type="checkbox"/> Exploring different ways of addressing community need.</p> <p><input type="checkbox"/> Engaging with our community and other stakeholders.</p>	<p><input checked="" type="checkbox"/> Planning for and facilitating commercial, industrial, residential, and agricultural growth.</p> <p><input checked="" type="checkbox"/> Fostering a healthy environment.</p> <p><input checked="" type="checkbox"/> Enhancing quality of place.</p>	<p><input checked="" type="checkbox"/> Ensuring we have the necessary tools, resources, and infrastructure to deliver programs and services now and in the future.</p> <p><input checked="" type="checkbox"/> Delivering mandated programs and services efficiently and effectively.</p>

Additional Comments:

None.



**LOCAL MUNICIPAL PARTNER IMPACT:**

None anticipated.

COMMUNICATION REQUIREMENTS:

None.

CONCLUSION:

As part of pre-engineering planning activities to support scheduled construction projects, Englobe Corp. was retained through a competitive process to review existing road slopes within proposed construction areas and provide an evaluation and recommendation if further detailed investigations are required. Based on these visual inspection reports, Englobe Corp. has recommended that 10 road slopes require a full slope stability analysis and have submitted a proposal to complete this work along with remediation specifications and construction drawings. The value of their proposal is \$209,500 plus HST and staff recommends to proceed as a single source purchase as supported by the County's Procurement Policy.

All of which is Respectfully Submitted

Approved for Submission

Peter Dutchak
Director, Engineering Services

Don Shropshire
Chief Administrative Officer/Clerk

