

ADMINISTRATIVE REPORT

TO: Board of Directors
FROM: B. Newell, Chief Administrative Officer
DATE: October 17, 2019
RE: Greater West Bench Geotechnical Review Award

Administrative Recommendation:

THAT the Regional District award the geotechnical review for the Greater West Bench Area project to Ecora Engineering & Resource Group Ltd. in association with Clarke Geoscience Ltd. in the amount of \$55,510.00 + applicable taxes.

Purpose:

To complete a geotechnical review for the Greater West Bench Area to accurately define existing hazardous areas and determine the application of appropriate Planning land uses within the area.

Reference:

In accordance with the Purchasing and Sales Policy, the Regional Board of Directors shall approve all purchases over \$50,000.

Background:

The Greater West Bench (GWB) area is a collection of residential neighbourhoods located north-west of Penticton and includes the communities of West Bench, Sage Mesa, Husula Highlands and Westwood properties and is located within Electoral Area "F". Development of available lands within the GWB started in the early 1950's and has proceeded to present day. During the development of GWB, geological hazards such as landslides, sinkholes and gulley erosion became more evident. Subsequent technical studies, initiated to characterize these hazards and trigger mechanisms, identified that frequency of hazard events increased substantially from pre development conditions. Water released onto the land from various sources including on-site residential septic fields, roof drains, road storm-water run-off, and irrigation were considered key factors in triggering hazard events.

There has been many geotechnical studies over the years for the area. The most recent comprehensive study of the West Bench/ Sage Mesa area was completed by the company Klohn- Leonoff Ltd (K-L) in 1992. It provided a geological characterization of the area and provided a guide to administrative decisions. In addition, a proposed matrix format was suggested in order to apply the results of the study to bylaw preparation related to future development in the study area.

Present day development pressures combined with the goals and policies in the recently adopted Electoral Area "F" Official Community Plan Bylaw No. 2790, 2018 have generated a motivation of

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the RDOS to initiate an updated study building on the previous K-L report.

The Requests for Proposals (RFP): “Greater West Bench Geotechnical Review” was released on September 6, 2019, which closed on September 27, 2019.

Analysis:

The RFP process generated receipt of two geotechnical consultants submitting qualified proposals. A team of two RDOS staff along with a third-party geotechnical engineering consultant analyzed and scored the proposals based on the established scoring in the RFP. The analysis focused on proponent qualifications, experience and past relevant projects and references and a understanding of the requirements of the project.

The following table provides the fee breakdown for the received proposals:

Supplier	Cost
Ecora Engineering & Resource Group Ltd. With Clarke Geoscience Ltd.	\$55,510.00
Thurber Engineering LTD.	\$89,600.00

The project schedule is proposed to continue through to the end of 2019 and completion with presentation of the completed report to the Regional Board and a public open house in Spring 2020.

Alternatives:

1. Do not award the Greater West Bench Geotechnical Review project to Ecora Engineering & Resource Group Ltd. with Clarke Geoscience Ltd.

Respectfully submitted:

Stephen Juch

S. Juch, Development Engineering Supervisor

Endorsed:



B. Dollevoet, General Manager of Development Services