



SUNSHINE COAST REGIONAL DISTRICT

Question and Answers #2

Request for Proposal No. 2437008

Geotechnical Assessment – Slope Stability Chapman Transmission Intake Line

Date: April 23, 2024

Item No.1

Question: The site boarder the mine, do you know if the top of the hillside slopes immediately down on the other side?

Answer: It slightly slopes down but it is primarily a plateau surface.

Item No.2

Question: Can the Regional District confirm with the ditch and/or culverts running alongside the watermain? And does the Regional District have a maintenance program?

Answer: Yes, the ditches and culverts run alongside the watermain and no we do not have a formalized annual maintenance program for the ditches and culverts on the access road. We do not own the road and we have land use agreement and right of way agreements with Sechelt Nation.

Item No.3

Question: Can you please verity if the blue pins indicate the centre of the watermain or are they offset?

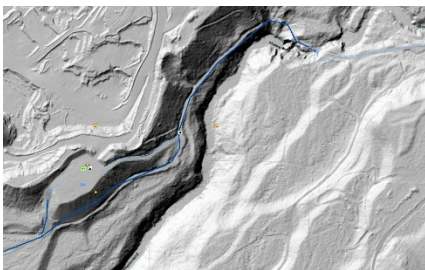
Answer: Unknown, the Regional District will provide a shape file for the infrastructure and surveyed right of way

Item No.4

Question: Can you please confirm if the Regional District has shapefiles and or LIDAR for the existing Infrastructure?

Answer: The LIDAR data can be accessed through the Reigonal Districts mapping platform and the Regional District will provide the Contractor with a Digital Elevation model that was generated from the lidar which identified the roads and trails

Screenshot:



and a LIDAR Map that meets the note below.

Note:
Extent: Chapman Watershed

Acquisition Date: April, 2019
Source: National Disaster Mitigation Program (NDMP) - GeoBC
LAS Files – Classified LAS files / hydro flattened
DEM – Bare earth DEM (1m gridded)
LiDAR = 12 points per sq. metre (ppm2)

Item No.5

Question: Will the Regional District be obtaining an arborist to inspect the trees?

Answer: The Regional District will not be obtaining an arborist to inspect the trees; part of your report should provide recommendations based on their knowledge which identifies potentially hazardous trees and any mitigation strategy to ensure that the slope remains stable. The Regional District is concerned for any trees that pose a hazard to the infrastructure and or people.

Item No.6

Question: Do you know if the shapefiles or geometric information is part of the public domain?

Answer: Please see addendum no.3.

Item No.7

Question: Do you have information about the topographic layout of the area?

Answer: Please see addendum no.3 for the information we have available.

Item No.8

Question: Has the Regional District performed any catchment studies?

Answer: No, the Regional District has not performed any hydrological studies on this site.

Item No.9

Question: Would we be permitted to access to the gravel pit area above the western slope of Chapman Creek/Geotechnical Assessment area? And if so, who's responsibility would it be to coordinate site access: the Contractor or the Regional District?

Answer: The Regional District can arrange with Leigh for the Contractor to have access to the site (if required). It could take a few weeks as we would be required to request permission, provide advanced notice and schedule our activities around the mining activities.

Item No.10

Question: Has the Regional District completed a hydrology study?

Answer: No, a complete hydrology study is outside the scope of this project, the Contractor should just be aware of hydrological aspect of the site and incorporate (when appropriate) into the study.

Item No.11

Question: Would it be possible for the existing watermain pipe to be temporarily altered / closed?

Answer: It is preferred not, but it is possible depending on the time of year, water supply and demand, Regional District resources and other contributing factors. Contractors should propose an approach that would not require any temporary alterations or modifications to the waterline.

Item No.12

Question: Would you be able to provide a complete copy of you GSA (see attached) including the Schedules indicated?

Answer: Please see addendum no.3.

Item No.13

Question: Does the Regional District currently have any topographic lidar data or DEM (digital elevation model) of this area on file that they would be able to share as a part of this work? And if so, what is the resolution of said data?

Answer: Please see addendum no.3.

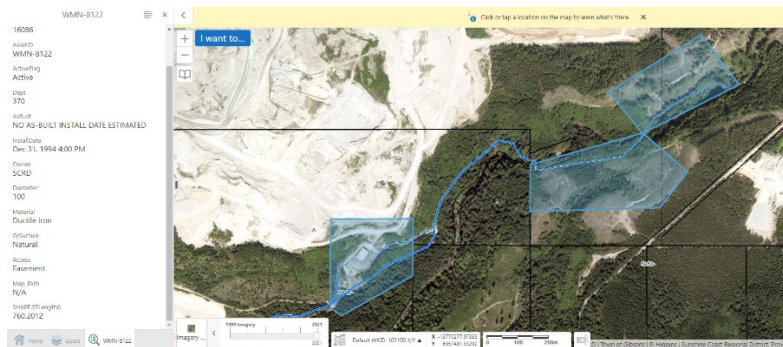
Item No.14

Question: Would the Regional District permit the use of a drone/UAV for the purpose of aerial imagery as a part of this assessment?

Answer: Yes, the Contractor will be required to have a licensed operator with appropriate permits.

Item No.15

Question: Would the Regional District desire an expansion of the proposed geotechnical assessment area as an additional optional scope to cover the entirety of their water utility assets within the Chapman Creek Ravine? This may include areas such as the slope adjacent to the water treatment plant and the slopes surrounding the 100 mm diameter watermain northeast of the creek crossing at Chapman Falls (see approximate polygons in screenshot below).



Answer: The Regional District would be interesting in knowing and understanding the remainder of the site, the Proponent would need to propose separate pricing and statement of work as part of the request.

Item No.16

Question: Would the Regional District be able to provide an anticipated budget range for the proposed scope of services?

Answer: Please see Q&A No.1 Item No. 1.
