



## ADDENDUM NUMBER 1

### R18-05 Regional Dam Safety & Risk Analysis

January 22, 2018

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This Addendum shall be read in conjunction with and considered as an integral part of the Request for Proposals. Respondents should acknowledge the addendum on Appendix B the Submission Form.

The Addendum is as follows:

#### Questions & Answers

**Q1.** What is the expected timeline for delivery of reporting?

**A1.** Dec 2018 for draft report, Jan 2019 draft final, and Feb 2019 for final report.

**Q2.** Our proposal budget will largely depend on what information is currently available. Can a list of documents be provided in preparation of this proposal? What existing information does the District have on the dams? Such as drawings, previous engineering reports. Of specific interest is geotechnical info (such as borehole investigation), as-built drawings, DSR reports, and annual formal inspection reports.

**A2.** The information we have available can be found here:

<https://ln.sync.com/dl/94fade560/qbgb6n9y-e7pterqu-3bnqy5vf-q8u2fych>

**Q3.** Reporting and reporting criteria for work under the National Disaster Mitigation program are different than the BC Dam Safety Regulation. The RFP also notes that:

This exercise must be carried out by a Professional Engineer qualified in dam safety analysis the Qualified Professional must conclude the Dam Safety Review as well as providing their professional opinion regarding the safety of the dam.

Is it the expectation that a "dam safety review" be provided for each site that would be submitted to BC Dam safety and is it the intent to have a separate document for each site that would be suitable for the National Disaster Mitigation program?

Is it the District's intent that the successful proponent prepares a Dam Emergency Plan for each facility in accordance with Section 9 of the BC Dam Regulations?

The National Disaster Mitigation Program considers higher frequency events than the BC Dam Regulations. Is it the Districts intent that the hazard frequencies provided in both the NDMP and BC Dam Regulations shall be addressed for each facility?

**A3.**

- Yes, the NDMP work criteria does differ from the BC Dam Safety Regulation,
- Yes, the exercise will be carried out by a Professional Engineer qualified in dam safety analysis, assess the current condition and safety of the dam and provide professional opinion.
- The focus of the study is to meet the work plan criteria outline for the NDMP working in the requirements of the Dam Safety Regulation

- **Based on the outcome from this report it is the intention of the CVRD to use the appropriate data form the report for CVRD staff to later generate Dam Emergency Plans using template provided by the Ministry.**

**Q4.** Is LIDAR information available for each site, including areas that would be impacted by downstream inundation that would occur as a result of a dam break?

**A4. Lidar is available through the CVRD for the areas identified in the attached document. Gaps in data can be sourced through land use holders.**

**Q5.** Since downstream consequences are to be reviewed, is there a community plan available that shows future plans for the areas?

**Q5. Yes, Official Community Plans can be found here: <https://www.cvrld.bc.ca/263/By-Electoral-Area>**

**Q6.** Can you provide the current downstream consequence rating for each Dam site?

**A6. Yes, these along with access to file data from the Ministry will be available to the successor by the CVRD's consent to through the Ministry.**

**Q7.** Please verify the project number is R18-05 and not R17-29.

**A7. The Project number is R18-05 and not R17-29.**

**Q8.** Preparation time of this proposal will be significant. Given that proponents are expected to receive a response to questions sometime next week, can an extension be granted for submission of this proposal? We suggest February 1, 2018.

**A8. Yes. Submission Deadline has been extended until February 1<sup>st</sup>, 2018 @ 2p.m. local time.**

**Q9.** Section 3.2 of the RFP appears to be missing some information after the first paragraph on page 23. In regards to Emergency Preparedness report (Section 3.2 on page 23 of the RFP) "The report should provide the following examples". No examples follow. What understanding should we have here?

**A9. This section should be considered to include recommendations toward the following:**

- **Preparedness Planning**
- **Succession Planning**
- **Emergency Plan Availability**
- **Mapping Recommendations**
- **Communications and Coordination**
- **Emergency Response and Response Support**

**Q10.** Proposals are to be submitted to which email address? Section 1.5.1 of RFP appears to be incomplete.

**A10. Proposals are to be submitted to: [purchasing@cvrd.bc.ca](mailto:purchasing@cvrd.bc.ca)**

**Q11.** Based on 1(a) of Appendix C of the RFP, we (the proponents) should expect a table or attached form for "Required Pricing Information". Is there a table or form that we should be using for pricing?

**A11. There was no table provided in the competition document. Please provide a Gantt chart with your submission with a breakdown of hours, hourly rates per consultant and total cost excluding GST.**





**Q12.** Since Shawnigan Lake Weir was not visited during our tour of sites on Wednesday, would as-built drawings, written description and photos be provided for this site to assist in proposal preparation?

**A12. Yes, please reference folder labelled Shawnigan Weir located in the Hyperlink in Answer to question for Q2.**

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### CVRD Owned Dams

-  LiDAR Coverage
-  Highway
-  Regional District Boundary
-  Electoral Area Boundary

