



## ADDENDUM NUMBER 1

### **R18-25 Detailed Engineered Design for System Tie-in Construction for the Honeymoon Bay Lily Park Well**

**March 12, 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 A the Submission Form.

The Addendum is as follows:

#### **Questions & Answers**

**Q1** We can't find the 2018 LHC Consulting Assessment Report (unless this is the Wellhead Protection Plan), nor the 2015 Preliminary Design Report by Active Earth. Could you upload them to the document site?

**A1.** Yes, my apologies the 2018 final report from LHC has been place in the Sync Folder. The preliminary design is located in the preliminary design and well logs, under the file 890-Honeymoon Bar-Lilly Park.

**Q2.** With reference to the statement "Assessment of hazard types associated with the flood hazard area (water course, alluvial fan, areas subject to debris flow) in determining floodplain construction requirements" – is there a concern for debris flows in this area, and has any work been done to assess these hazards. Please confirm that a debris hazard assessment is not included in this scope of work.

**A2.** This comment was made more toward the expectation of construction of the building at the wellsite recognizing that the possibility of high water level and debris being a possibility and the construction of that structure meeting current standard for that 200yr flood mark.

**Q3** The RFQ refers to "normal and emergency power distribution" – is a genset to be included in the design, or just provision for a future or portable genset?

**A3.** The CVRD would like the engineered drawings to at a minimum illustrate a provision for a future genset in the design at the well site.

**Q4.** With reference to the statement "Specifications of sizing, and configuration for ultra violet disinfection for the water treatment building, may need to be considered (in view of existing provision at treatment building)", is the design of a UV disinfection system to be placed in the existing water treatment building is to be included in the scope of work? If yes, what is the extent of the work expected in the treatment building?

**A4.** Yes the UV unit would be in the existing water treatment building, and the expectation is to have a specification for a unit sized to the meet the limiting capacity of

the existing 100mm pipe work, and to have a provisional future design to meet the requested 285 USGPM.

**Q5** The wellhead and much of the alignment are underlain by fluvial fan / lakeside deposits which would not be expected to perform well seismically – are there any specific seismic performance expectations for the supply line and the well in the documents.

**A5.** . Given the diameter of the pipe and the expectation that it will most likely be constructed of HDPE thermally fused and flanged the CVRD does not request any specific seismic performance expectations.

**Q6.** Does the water treatment plant have a radio/antenna for communication with the new well already in place?

**A6.** No.

**Q7.** Is Lidar available for the pipeline alignment?

**A7.** Yes LiDAR is available through the CVRD.

End of Addendum 1

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