

Questions and Answers for RFP 1000233470 Round 2-Updated November 30th, 2022

1.

With regards to the above referenced RFP, we would like to request an extension to mid-January 2023. Is CIRNAC willing to extend the closing date?

A: No extension at this time.

2.

For the geotechnical and seismic dam stability assessment that is to be included in the Site Characterization Report, the analyses are required to meet CDA's applicable guidelines. CDA's 2007 Seismic Hazard Considerations for Dam Safety states that the National Building Code ground motion values "may not be appropriate for dam projects and it is essential to conduct a site-specific seismic hazard evaluation especially for low-probability design." The Guideline states that "the basic procedures used to conduct a site-specific seismic assessment involve an appropriate seismic hazard model that incorporates both seismicity and geological information, coupled with an analytical method that includes a thorough treatment of uncertainties in all input parameters." Does CIRNAC intend for the scope of work to include:

- i. simplified seismic and liquefaction stability assessment based on ground motion values from the latest version of the National Building Code with the CDA's minimum factor of safety criteria, or
- ii. to conduct a detailed, site-specific Probabilistic Seismic Hazard Assessment? The latter method involves analyses of source zones, frequency-dependent ground motion attenuation, hazard response spectra, time histories and soil-structure interfaces, etc.

A: For the Site Characterization Reports at the AGS and Venus mine sites, the consultant is required to update existing seismic stability assessments to include information from Phase III - Field Data Collections. Assessments conducted using the data collected in Phase III is to be in accordance with CDA's applicable guidelines and technical documents. For reference, CIRNAC is including a Dam Assessment Report for the Venus Mine completed by Tetra Tech in 2019 that includes previous stability modelling and liquefaction assessment. If data gaps exist in the assessment of the sites regarding geotechnical and seismic dam stability, they are to be identified in Phase II – Data Gap Analysis, with the exception of the Phase III field investigation items already requested in the scope of work for the Venus tailings facility, for which integration into the Venus Site Characterization Report should be included in the bid.

3.

Site Specific Standards Community Open House” on January 30, 2024 has not been updated. Can you please review and let us know if an updated schedule for Venus can be made available?

A: Please see the revised schedule for the Venus site below:

Activity	Date
Contract Award	January 6, 2023
Kick Off Meeting	January 13, 2023
Data Gap Analysis	February 10, 2023
SSHASP	February 15, 2023
Field Work Plan	May 1, 2023
Technical Memo with Field Data	July 31, 2023
HHERA and CSM Draft	August 15, 2023
HHERA and CSM Workshop	September 30, 2023
HHERA and CSM Community Open House	October 15, 2023
HHERA and CSM Final	October 30, 2023
Site Specific Standards Draft	November 30, 2023
Site Specific Standards Workshop	December 15, 2024
Site Specific Standards Community Open House	January 5, 2024
Site Specific Standards Final	January 15, 2024
Remedial Options Analysis Draft	February 1, 2024
Remedial Options Analysis Workshop	February 15, 2024
Remedial Options Community Open House	February 28, 2024
Final Closure Option Selection Report	March 15, 2024
Class 5 Cost Estimate Draft	March 15, 2024
Class 5 Cost Estimate Final	March 31, 2024

