



GeothermEx, Inc.
Multi-Task Consulting Services Agreement

Facilities Committee
January 8, 2025

Background

- This is a current NCPA vendor.
- Enabling agreement. No commitment of funds.
- It is recommended to place this item on the consent calendar.
- For use at the Geothermal facility only.
- Similar Agreements in Place:
 - None at this time, GeothermEx is the leading expert in geothermal reservoir numerical modeling.

General Scope of Work

- Term of Agreement = 5 years
- Cost = Not to Exceed \$1,000,000
- Scope of Work
 - Geothermal Reservoir Numerical Simulations:
 - De-coupling of the pipeline network and reservoir simulator
 - Update the model, calibrating it against operating data
 - Sensitivity study to determine the health and viability of the reservoir
 - Reducing injection at saturated sites
 - Increasing injection at superheated sites
 - Reducing the production rate to prolong the production lifetime

Environmental Analysis

- As an enabling agreement, this activity would not result in a direct or reasonably foreseeable indirect change in the physical environment and is therefore not a “project” for purposes of Section 21065 the California Environmental Quality Act. No environmental review is necessary.

Proposal

- Staff is seeking a recommendation from the Facilities Committee for Commission approval of the five year Multi-Task Consulting Services Agreement between NCPA and GeothermEx, Inc., in an amount not to exceed \$1,000,000, for use at the Geothermal facility.