

and raw pressure transient data. Such tests are to be witnessed by an experienced geothermal engineer.

Additional data to be collected by the proposer (such as borehole televiwer logs, sonic logs, electrical logs, etc.) may also be offered to DOE. The identification of additional data to be collected and provided to DOE will be used to evaluate the value of the data package to DOE during the proposal evaluation.

If the Awardee(s) determines and justifies that the completed hole(s) are of no economic value, the Awardee(s) shall plug and abandon the hole(s) and restore the site(s) in accordance with governing regulations. If for any reason the hole is not plugged and abandoned within 6 months after well completion, the hole shall become the legal and financial responsibility solely of the Awardee(s).

The Awardee will identify all reports, plans, permits, licenses and other items required by governmental regulatory agencies for the performance of this work, the agency whose requirement the item fulfills, and the actual or projected submittal and agency approval dates. Any costs incurred prior to award will not be considered project costs, even though the effort was in fulfillment of this task.

The Proposer shall confirm that all financial arrangements for implementation of the project and provide DOE with evidence that project financing is sufficient to complete the project prior to performance of any work under this Agreement. Details may be negotiated.

Qualification Criteria

To qualify for consideration under this financial assistance, the proposer must meet the following qualification criteria. Prior to the detailed evaluation, each proposal will undergo a preliminary review to assure the qualification criteria are satisfied. Proposals which do not meet the qualification criteria will not receive a comprehensive evaluation and will be eliminated from further consideration. Proposers of eliminated proposals will be notified in writing.

- a. The proposed site must be within the United States.
- b. The data must come from a well at least 3,000 feet deep.
- c. The proposer must agree to minimum data collection requirements (see Statement of Work, Part 2.0).
- d. The well must be drilled after July 1, 1995.
- e. The proposer must provide assurance that the well will be drilled

and data submitted to DOE within two years after award.

f. The proposer must provide documentation in the form of a lease, agreement or ownership providing a legal right of access to drill the hole at the proposed location.

g. The proposer must demonstrate the ability to successfully meet National Environmental Policy Act and other local, State, and Federal requirements for similar projects.

Evaluation Criteria

Proposals that meet the Qualification Criteria will undergo a comprehensive evaluation in accordance with the Evaluation Criteria listed below and considering any relevant public information. The Evaluation Criteria parallel the information required in Volume I and Volume II of the submitted proposals as outlined below. This information forms the basis for evaluation. The criteria are listed in descending order of importance within each volume.

Criterion 1 comprises half the weight while Criterion 2 and 4 are equal in weight and twice as much as Criterion 3.

Volume I—Evaluation Criteria

Criterion 1: Resource Potential—The potential of the location to add to the inventory of developable geothermal sites will be evaluated based on submitted exploration data, technical analysis and rationale provided in the proposal considering the following factors:

- a. Locations in previously undrilled areas will be given priority over locations considered to be step-outs or in-fill locations. The greatest weight will be given to locations that have a high potential of being a new "field discovery."
- b. The potential that the well and its proposed location will provide data that will expand or enhance the present knowledge of the resource potential and exploration methods within the United States.
- c. The potential that the proposed depth of the hole will provide for evaluation of a deep subsurface geothermal system.
- d. The amount of surface and subsurface data contained in the proposal that is of high quality and relevant to evaluating geothermal potential exploration methods, including geophysical, hydrological, and geological reconnaissance data and results.
- e. The quantity and quality of previously unreleased data contained in

the proposal that can be made available to the public domain.

Criterion 2: Technical approach to the project—

a. The quality, type and quantity of data to be gathered during the project in addition to the minimum data requirements of the Statement of Work, Part 2.0.

b. The content, adequacy and completeness of data collection plans.

c. The suitability of planned hole completion and maintenance for the data collection proposed, plugging and abandonment and site maintenance (including drilling fluid disposal, health, safety and environmental considerations) and restoration plans.

d. The lack of any restrictions on release of data collected during and subsequent to the drilling of the well and included in the proposed data package.

e. The lack of restriction on release and publishing by DOE of interpretation or integration of the data collected.

Criterion 3: Business approach to the project—

a. Qualifications of the proposer, subcontractors and key personnel including the extent of experience in geothermal well drilling, data collection, business related area and capabilities to carry out the data collection proposed.

b. The completeness and adequacy of the proposed management plan, including institutional concerns, proposed solutions and impact on the project.

Volume II—Evaluation Criteria

Criterion 4: Financial Considerations—

a. Cost-share plan—The plan for cost-sharing will be evaluated on the percentage in excess of 50 percent of the drilling and data acquisition costs to be borne by the proposer. More consideration may be given to projects with a greater-than-50 percent cost share. DOE cost share is limited to well drilling and drill site data acquisition activities. The applicant must cost share those portions of the project that are excluded from DOE cost share. The application will be evaluated on the nature and amount of cost-sharing. The applicant must demonstrate how it will meet its cost share. This demonstration will occur through the adequacy (e.g., completeness, relevancy, substantiation) of the cost portion of the application. Cash and cash-equivalent items (e.g., direct labor) are required.

b. Data package—The plan will be evaluated on the data to be collected and reported relative to the total DOE cost for the project.