

U.S. DEPARTMENT OF ENERGY  
FIELD TASK PROPOSAL/AGREEMENT

1833 General

1. WORK PACKAGE NUMBER	2. TASK NO.	3. REV. NO. 0	4. PROJECT NO.	5. DATE PREPARED (mm dd yy) 01-30-80	6. CONTRACTOR NUMBER F432
7. TASK TITLE Hydrothermal Environmental Assessment			8. WORK PACKAGE TITLE		
9. BUDGET AND REPORTING CODE HA-02-04-03-0	10. TASK TERM Begin: (mm dd yy) 10-1-79 End: (mm dd yy) Open		11. CONTRACTOR NAME Los Alamos Scientific Laboratory		12. CODE <i>(see instructions)</i>
13. CONTRACTOR TASK MANAGER (Name: Last, First, MI) (FTS No.)  Petersen, Donald F. FTS: 843-2690			14. PRINCIPAL INVESTIGATORS (Name: Last, First, MI)  Wewerka, Eugene M. FTS: 843-3331		
15. WORK LOCATION (See instructions): Name of facility, City, State, Zip Code  Los Alamos Scientific Laboratory P. O. Box 1663 Los Alamos, New Mexico 87545				16. Is this task included in the Institutional Plan? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17. Does this task include any management services efforts? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

18. TASK DESCRIPTION (Approach, relation to work package, in 200 words or less)

This program encompasses the scientific and management responsibilities that LASL has assumed as lead organization in conducting a generic assessment of the potential environmental and health-related impediments to the expanded development of the liquid-dominated hydrothermal technology. The technical activities of the program are divided into three phases. An initial phase, to be conducted during the first year (FY80), will establish data bases, research priorities and identify specific research tasks and milestones. The intermediate phase of the program will involve experimental activities and data assessment to identify generic health and environmental impacts of hydrothermal development. This phase, which is projected to continue from FY81 through 85, will proceed in concert with the development and operation of the Baca Demonstration Plant. The last phase (FY86 and 87) will involve the final assessment and interpretation of the data collected and developed during the program, and the completion of experimental work. During the latter phase, control strategies will be defined for the major identified environmental, health, or social constraints to hydrothermal development. A management strategy is also being developed to coordinate the technical tasks associated with the program, and to interface with the various industrial, governmental, public, and private organizations interested in the environmental and health issues associated with the hydrothermal resource.

19. CONTRACTOR TASK MANAGER



12161

20. DETAIL ATTACHMENTS (See instructions)

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|---|---|---|--|
| <input type="checkbox"/> a. Facility Requirements   | <input checked="" type="checkbox"/> e. Background         | <input checked="" type="checkbox"/> g. Future accomplishments         | <input checked="" type="checkbox"/> i. Evaluation of risks and |
| <input checked="" type="checkbox"/> b. Publications | <input checked="" type="checkbox"/> f. Approach           | <input checked="" type="checkbox"/> h. Relationship to other projects | <input type="checkbox"/> j. ZBB Data                           |
| <input type="checkbox"/> c. Summary                 | <input checked="" type="checkbox"/> i. Technical approach | <input type="checkbox"/> l. Environmental assessment                  | <input type="checkbox"/> k. Other (Specify):                   |

*(Signature)*

*(Date)*