

426.1/D1003/BR/84/L0/04/0

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MEMORANDUM FOR: Marie E. Page, Contract Administrator
Technical Assistant Contracts Branch
Division of Contracts

FROM: Benjamin J. Rice, Contract Manager
Geology-Geophysics Section
Geotechnical Branch
Division of Waste Management, NMSS

SUBJECT: CONTRACT NO. NRC-02-84-001 ENTITLED "TECHNICAL ASSISTANCE
IN GEOPHYSICAL METHODS FOR SITE CHARACTERIZATION", WESTON
GEOPHYSICAL CORPORATION, TASK ORDER REQUEST NO. 006

Enclosed is a Task Order Request to be submitted to Weston Geophysical Corporation for their participation at the upcoming Paradox Basin Data Review.

Please notify me if there are any problems with this request. Considering the scheduled date of this meeting, it would be best if this request is sent to Weston on or before Tuesday, October 9, 1984.

Thank you for your attention in this matter.

Benjamin J. Rice, Contract Manager
Geology-Geophysics Section
Geotechnical Branch
Division of Waste Management, NMSS

WM-RES
WM Record File

D1003

Weston

WM Project 10/11/16

Docket No.

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BACKGROUND/OBJECTIVES:

A data review will be conducted by the Geology-Geophysics Section on the geophysical content of the Department of Energy (DOE) draft document entitled Seismic Reflection, Gravity, and Aeromagnetic Studies of Geologic Structure in the Gibson Dome Area, Southwestern Paradox Basin. The review will require a three (3) day meeting between NRC, DOE, and Woodward-Clyde staff (DOE consultant), October 16, 17, and 18, at their San Francisco offices. The Geology-Geophysics Section requests that a task order be issued to Weston Geophysical Corporation, based on Task 3 of the subject contract, to assist the NRC staff at the data review.

STATEMENT OF WORK AND DELIVERABLES:

Weston is requested to provide technical assistance from two (2) staff members in the assessment of the data base used in the production of the previously mentioned document. Technical assistance will come in the form of participation at the data review and the submission of a summary report. Emphasis should be placed on the data used to generate seismic lines 33 through 39 & 43, the gravity profiles, and areas of aeromagnetic anomalies contained within the document.

PERIOD OF PERFORMANCE:

Weston's presence at the meeting will be required Tuesday through Thursday, October 16 through 18, 1984. The data review will begin at 9:00AM on the 16th and concluding at 4:00PM on the 18th (a tentative schedule is attached to this enclosure).

NAME OF TECHNICAL CONTACT:

The NRC contact for all technical matters involving this particular task order shall be Ben Rice. Questions should be directed to him at (301) 427-4646.

REPORTING REQUIREMENTS:

The final product shall be in the form of a trip report (format details are identified in the contract Statement of Work under Deliverable Products). The report will summarize all data reviewed at the meeting and comment on the quality of acquisition, processing, and interpretation, and the appropriateness of the data as it applies to the subject document.

ESTIMATED LEVEL OF EFFORT:

The Geology-Geophysics Section has estimated that Weston would require a total of 2½ man-weeks to complete this task; 8 man-days for the two staff member's presence at the meeting and an additional 5 man-days to produce the required trip report.

RESPONSE DATE FOR RECEIPT OF PROPOSAL:

Based on present time constraints, the requested response date for this task order proposal is Friday, October 12, 1984.

Enclosure 1

PROPOSED AGENDA

REVIEW OF PROPRIETARY GEOPHYSICS DATA IN THE GIBSON DOME AREA, PARADOX BASIN

DATE: October 16 to 18, 1984

Place: Woodward-Clyde offices, San Francisco or Walnut Creek

Purpose: Review data and supporting documentation utilized in the preparation of draft report titled "SEISMIC REFLECTION, GRAVITY AND AEROMAGNETIC STUDIES OF THE GEOLOGIC STRUCTURE IN THE GIBSON DOME AREA, SOUTHWESTERN PARADOX BASIN"

<u>Time</u>	<u>Subject</u>	<u>Personnel</u>
9:00 October 16	Introduction Attendees Purpose/objectives	A11 NRC
9:15 October 16	Overview on data collection, processing and analysis procedures used for seismic, gravity and aeromagnetic data.	WCC/ONWI
10:00 October 16 to 3:00 October 18	Review of data*	NRC/Western
3:00 October 18	Preparation of meeting notes	A11
4:00 October 18	Adjourn	

Attendees:

J. Trapp	NRC
R. Lee	NRC
B. Rice	NRC
V. Murphy	Weston Geophysical
J. Imse/E. Levine	Weston Geophysical

* During the review of data the NRC would appreciate the possibility of discussing specific questions regarding how the data was processed and analyzed as the needs arise. To this end we would like to either have personnel on standby from WCC, or set up certain times each day when specific questions could be answered. Questions regarding interpretations are not a part of this data review.