

1. AMENDMENT/MODIFICATION NO. TWO (2)	2. EFFECTIVE DATE 7/1/79	3. REQUISITION/PURCHASE REQUEST NO. 6/25/79	4. PROJECT NO. (If applicable)
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U.S. Nuclear Regulatory Commission
Division of Contracts
Washington, D. C. 20555

7. CONTRACTOR NAME AND ADDRESS <i>(Street, city, county, state, and ZIP Code)</i>	CODE	FACILITY CODE	8. AMENDMENT OF SOLICITATION NO. <input type="checkbox"/>
Missouri Department of Natural Resources P.O. Box 250 Rolla, MO 65401			DATE 10/1/77 (See block 9)
			MODIFICATION OF CONTRACT/ORDER NO. NRC-04-78-206
			DATED 10/1/77 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of offers is extended, is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:

(a) By signing and returning _____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)

B&R NO. 60-19-10-06 FIN NO. B6294 (3RD YEAR FUNDING) FY'79 \$30,000

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS

(a) This Change Order is issued pursuant to _____
The Changes set forth in block 12 are made to the above numbered contract/order.

(b) The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.

(c) This Supplemental Agreement is entered into pursuant to authority of Article III of the Contract - MUTUAL AGREEMENT OF THE PARTIES
It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION

"Research Study Entitled, "Structural Geologic Study of Southeastern Missouri"

The PERIOD OF PERFORMANCE, as shown in Article III is hereby extended for one year from July 1, 1979 through June 30, 1980.

The Contract amount is increased by \$30,000 as follows:

Under Article IV, paragraph 1, change "\$54,156.00" to read, "\$84,156.00" (Total Estimated Cost).

Under Article IV, paragraph 2, change "\$54,156.00" to read, "\$84,156.00" (Amount Presently Obligated)

POOR ORIGINAL

7909040600

759002

13. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 4 COPIES TO ISSUING OFFICE

14. NAME OF CONTRACTOR/OFFEROR

15. UNITED STATES OF AMERICA

16. NAME AND TITLE OF SIGNER (Type or print)

17. DATE SIGNED

18. NAME OF CONTRACTING OFFICER (Type or print)

19. DATE SIGNED

Director 7/31/79 **Kellogg V. Morton** **8-10-79**

Under Article II - STATEMENT OF WORK add:

- Task 3 Determine the age of the youngest deposits that have been affected by faulting in the Crowleys Ridge-Benton Hills area.
- Task 4 Evaluate the regional trend of faulting and its effect on Pleistocene and Holocene age deposits, assuming that evidence of faulting can be established.
- Task 5 Conduct a detailed water sampling study in the Bernie, Missouri, area, to define potential faulting from anomalous water quality values. (This objective has a second order priority and its completion will be dependent on timely completion of fault studies).

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