

PDR

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE _____ PAGE OF PAGES _____

2. AMENDMENT/MODIFICATION NO.
Sixteen (16)

3. EFFECTIVE DATE
DEC 23 1993

4. REQUISITION/PURCHASE REQ. NO.
RES-90-051 dtd 11/23/93

5. PROJECT NO. (If applicable)
CODE _____

6. ISSUED BY
I.S. Nuclear Regulatory Commission
Division of Contracts & Property Management
Washington, DC 20555

7. NAME AND ADDRESS OF CONTRACTOR (Name, street, county, State and ZIP Code)
Arizona Board of Regents
University of Arizona
College of Engineering and Mines
Engineering Experiment Station
Tucson, Arizona 85721
Principal Investigator/Technical
Contact: Dr. Bassett
Telephone No. (602) 621-6215

8. AMENDMENT OF SOLICITATION NO.
9. DATED (SEE ITEM 11)
10. MODIFICATION OF CONTRACT/ORDER NO.
X NRC-04-90-051
11. DATED (SEE ITEM 11)
11/13/89

12. FACILITY CODE _____

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended, is not extended.

Offers 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 completing items 8 and 15, and returning _____ copies of the 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 PLACE DESIGNATED FOR THE RECEIPT OF OFFERS 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 each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
46019502100 L1282 BOC: 255 31X0200.460 AMOUNT OBLIGATED: \$250,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)
FAR Clause 52.232-22 - Limitation of Funds

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by DCF action headings, including solicitation/contract subject matter where feasible.)

(see page 2)

9402280398 931223
PDR CONTR
NRC-04-90-051 PDR

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR	Joyce A. Fields, Contracting Officer
15C. DATE SIGNED	16C. DATE SIGNED
15D. UNITED STATES OF AMERICA	DEC 23 1993
BY <u>Joyce A. Fields</u> (Signature of Contracting Officer)	

The purpose of this modification is to provide incremental funding in the amount of \$250,000.00 which increases the obligated amount from \$1,783,203.00 to \$2,033,203.00. Accordingly, the following change is hereby made:

1. Under Section B, Paragraph B.2, "CONSIDERATION AND OBLIGATION--COST REIMBURSEMENT (JUNE 1988) - ALTERNATE I (JUNE 1988)" is hereby revised to read as follows:

"b. The amount presently obligated by the Government with respect to this contract is \$2,033,203.00.

c. It is estimated that the amount currently allotted will cover performance through April 1994."

All other terms and conditions under this contract, including the ceiling amount of \$2,296,581.00, remains unchanged.

A summary of obligations for this contract, from award date through the date of this action, is given below:

Total FY 90 Obligation Amount:	\$339,000.00
Total FY 91 Obligation Amount:	\$370,000.00
Total FY 92 Obligation Amount:	\$674,203.00
Total FY 93 Obligation Amount:	\$400,000.00
Cumulative Total of NRC Obligations:	\$2,033,203.00

This modification obligates FY 94 funds in the amount of \$250,000.00.

02/16/94

PROCUREMENTS AWARDED SINCE APRIL 1, 1993

PAGE 02

CONTRACT NUMBER
04-90-051-000

MOD NUMBER
16

NEW AWARDS ARE SHOWN AS MOD 00
TITLE
VALIDATION STUDIES FOR ASSESSING UNSATURATED FLOW
AND TRANSPORT THROUGH FRACTURED ROCK

EXECUTED
12/23/93

220175