

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. AMENDMENT/MODIFICATION NO 20	2. EFFECTIVE DATE	3. REQUISITION/PURCHASE REQUEST NO RES-76-293-04 dtd 9/27/82 and 11/29/82	4. PROJECT NO (If applicable)
5. ISSUED BY U. S. Nuclear Regulatory Commission Division of Contracts Washington, DC 20555		6. ADMINISTERED BY (If other than block 5)	

7. CONTRACTOR NAME AND ADDRESS Battelle Columbus Labs 505 King Avenue Columbus, OH 43201	8. AMENDMENT OF SOLICITATION NO	9. MODIFICATION OF CONTRACT/ORDER NO NRC-04-76-293-04
(Street, city, county, state, and ZIP Code)	DATED (See block 9)	DATED 7/1/76 (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 ACKNOWLEDGEMENT 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 60-19-01-03 and 60-19-02-01 FIN A4048 \$27,614.00

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 agreement of parties
It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION

In Modification No. 15, the reference to "subparagraph 1" is hereby changed to read "subparagraph L."

In Modification No. 16, the reference to "subparagraph 1" is hereby changed to read "subparagraph M."

In Modification No. 17, the reference to "subparagraph 1" is hereby changed to read "subparagraph N."

In Modification No. 18, the reference to "subparagraph 1" is hereby changed to read "subparagraph O."

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Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13. <input type="checkbox"/> CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT		<input checked="" type="checkbox"/> CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>4</u> COPIES TO ISSUING OFFICE	
14. NAME OF CONTRACTOR/OFFEROR BY <u>Frank J. Linkz</u> (Signature of person authorized to sign)	17. UNITED STATES OF AMERICA BY <u>Raymond P. Bastus</u> (Signature of Contracting Officer)	18. NAME OF CONTRACTING OFFICER (Type or print) <u>Kellogg V. Morton</u>	19. DATE SIGNED <u>4/12/83</u>
15. NAME AND TITLE OF SIGNER (Type or print) <u>FRANK J. LINKZ</u> CONTRACTING OFFICER	16. DATE SIGNED <u>MAY 12 1983</u>		

A. In accordance with your Proposal Nos. 567-J-7479X and 567-J-7571X dated September 27, 1982 and November 29, 1982, respectively, the proposed additional work is added to Paragraph 1, Scope of Work, as follows:

"P. The work scope is revised to include the additional work set forth in BCL Proposal Nos. 567-J-7479X and 567-J-7571X dated September 27, 1982 and November 29, 1982, respectively, which proposals are incorporated by reference and made a part hereof. Specific sub-task assignments during the current contract period include:

1. Store approximately 300 data tapes generated under the "Steam Water Mining and System Hydrodynamics" program for a period of one (1) year beginning October 1, 1982 and ending September 30, 1983. These tapes will be placed in cabinets and moved to a long-term storage location. Costs for retrieving any data are not covered in this proposal.
2. Prepare cost estimates related to the removal, packaging, and shipping of NRC-owned experimental hardware at BCL to NRC grantees, contractors and the Oak Ridge National Laboratory as shown in Table 1 which is attached to, and made a part of this modification.

Store the NRC-owned non-expendable equipment identified in Table 2, which is attached to, and made a part of this modification for a period of four (4) months beginning on June 1, 1983 and ending September 30, 1983, pending a final decision by NRC regarding disposal.

3. Remove, package, and ship to the grantees, NRC contractors, and the Oak Ridge National Laboratory, all NRC-owned property items listed in Table 1. Upon completion of shipment, provide a copy of each shipping document to the Contracting Officer at the following address:

U. S. Nuclear Regulatory Commission
Technical Contracts Branch
Division of Contracts
Washington, DC 20555

Please forward an additional copy of the shipping document to each of the following NRC offices:

U. S. Nuclear Regulatory Commission
Office of Resource Management
Division of Accounting and Finance
Washington, DC 20555

U. S. Nuclear Regulatory Commission
Mr. Grover Estep
Property and Supply Branch
Division of Facility and Operations Support (DFOS)
Office of Administration
Washington, DC 20555

The final negotiated overhead rate for this contract is as follows:

CY77

Overhead: 79.0%
Research Department Burden: 28.0%

As a result of acceptance of these final rates by the Contracting Officer, an adjustment in the indirect funding cost for CY77 is increased by \$4,708.00.

- B. In Paragraph 3., Term, delete the date "October 31, 1982" and insert the date "December 31, 1983," in lieu thereof.
- C. In Paragraph 3., Estimate of Cost, Fixed Fee, Obligation of Funds, the following changes are effected:
1. In Subparagraph A., Estimate of Cost, the amount "\$3,386,784.00" is increased by "\$25,824.00" to "\$3,412,608.00."
 2. In Subparagraph B., Fixed Fee, the amount "\$301,569.00" is increased by "\$1,790.00" to "\$303,359.00."
 3. In Subparagraph C., Obligation of Funds, the amount of "\$3,688,353.00" is increased by "\$27,614.00" to "\$3,715,967.00."

Title to the equipment in Table 1 transferred to Oak Ridge National Laboratory, specifically, line item #92 - Spool Piece, will remain in the NRC. Title to all remaining equipment will vest in the NRC grantees and contractors. Battelle Columbus Labs will be released from accountability upon transfer to and receipt by these activities.