

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
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2. AMENDMENT/MODIFICATION NO. 18
3. EFFECTIVE DATE JAN 04 1990
4. REQUISITION/PURCHASE REQ. NO. RES-86-106 9-20-89
5. PROJECT NO. (If applicable)
6. ISSUED BY U. S. Nuclear Regulatory Commission
Division of Contracts & Property Management
Washington, D.C. 20555
7. ADMINISTERED BY (If other than Item 6)
CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
Battelle Columbus Laboratories
Columbus Division
505 King Avenue
Columbus, Ohio 43201-2693
9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO. X NRC-04-86-106
10B. DATED (SEE ITEM 13) 7-10-86
CODE 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)
No change

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

W) 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(d).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: X Mutual agreement of the parties.
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 3 copies to the issuing office.

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

MODIFICATION 18 FOLLOWS ON PAGE 2

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PDR CONTR
NRC-04-86-106 PDC

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)
STEPHEN H. KRZYKOSKI
CONTRACTING OFFICER
15B. DATE SIGNED
DEC 19 1989
15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
for Sharon Bell, Contracting Officer
15B. UNITED STATES OF AMERICA
15C. DATE SIGNED
1/4/90

This modification is issued to:

- o Stop work being performed by Battelle Columbus Laboratories under Subtasks 2.1 and 2.2. Reference Battelle Columbus Laboratories' letter dated August 22, 1989.
- o Increase total contract ceiling by \$159,000.00, from \$5,321,359.00 to 5,480,359.00 to reflect total estimated funding required to complete contract effort. No additional funding is obligated at this time.
- o Correct errors in funding obligations and contract ceiling values which have occurred in past modifications.

Therefore, the contract is hereby modified as follows:

1. Battelle Columbus Laboratories is directed to stop work under Subtasks 2.1 and 2.2 under Section C, Description/Specifications/Work Statement, effective August 22, 1989.
2. Section G, Contract Administration Data, Subsection G.1, Consideration, is deleted in its entirety and the following is substituted in lieu thereof:

"G.1 Consideration

1. It is estimated that the total cost to the NRC for its share of the cost for full performance of this contract will be \$1,778,657.00. Of this amount, \$1,641,038.00 represents the estimated reimbursable costs and [REDACTED] represents the fixed fee.
2. Total funds currently available for payment and obligated to this contract by NRC are \$1,778,657.00. Of this amount, \$1,641,038.00 represents the estimated reimbursable costs and [REDACTED] represents the fixed fee.
3. It is estimated that the amount currently obligated will cover performance through May 9, 1990.
4. The NRC shall not be obligated in excess of the total estimated cost amount shown in paragraph 1 of the clause, unless the ceiling for NRC's share is changed by modification to the contract, subject to contract clause 52.232-22, Limitation of Funds.

5. A. It is estimated that the total cost which will be funded by all of the IPIRG participants together, for full performance of the IPIRG program (exclusive of option) will be \$5,480,359.00, of which the sum of \$5,078,001.00 represents the estimated reimbursable costs and of which [REDACTED] represents the fixed fee.

B. Total funds presently available for payment and obligated to this contract by IPIRG industrial and international participants are \$3,699,970.00, of which \$3,419,174.00 represents reimbursable costs, and of which [REDACTED] represents the fixed fee.

Total funds presently available by all IPIRG participants, including the NRC are \$5,478,627.00 which consists of \$3,699,970.00 as shown in this paragraph and NRC funding of \$1,778,657.00 as shown in paragraph G.1.2 above.

C. Funding by the IPIRG international participants is provided on an incremental basis directly to the U.S. NRC.

Funding by the industrial group participants is provided on an incremental basis directly to Battelle Memorial Institute. The industrial group participants have contractual obligations to pay the annual fee in two increments of \$100,000.00 each. By acceptance of this modification, Battelle agrees to be responsible for the monies not in hand and agrees not to hold the NRC liable for the monies not in hand. An accounting of incremental funding provided by the individual IPIRG participants is as follows:

IPIRG PARTICIPANT FUNDING

International Participants

Participant	FIN	B&R	Cost Amt To Date	Fee Amt To Date	Total Obligated To Date
France, CEA	D2006	60-77	\$ 554,582	\$ 45,398	\$ 599,980 ⁰ <i>SAK</i>
Sweden, SKI	D1747	60-77	277,190	22,800	299,990
Switzerland, HSK	D2000	60-77	277,200	22,800	300,000
Canada, AECB	D2022	60-77	462,200	37,800	500,000
American Inst. on Taiwan, AIT	D2011	60-77	184,800	15,200	200,000
TOTAL			\$1,755,972	\$143,998	\$1,899,970

Industrial Group Participants

Participant	Cost Amt To Date	Fee Amt To Date	Total Obligated To Date
Central Research Institute for the Electric Power Industry (Japan)	\$ 554,400	\$ 45,600	\$ 600,000
Central Electricity Generating Board (CEGB) (United Kingdom)	\$ 554,400	\$ 45,600	\$ 600,000
Electric Power Research Institute (EPRI)	\$ 554,400	\$ 45,600	\$ 600,000
TOTAL	\$1,663,200	\$136,800	\$1,800,000

All other terms and conditions of this contract remain unchanged.