

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 9	3. EFFECTIVE DATE NOV 27 1989	4. REQUISITION/PURCHASE REQ. NO. RES-88-086 dtd. 8/4/89, 11/8/89 and 11/20/89	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Nuclear Regulatory Commission Division of Contracts & Property Management Washington, D.C. 20555	CODE	7. ADMINISTERED BY (If other than Item 6)		CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) MPR Associates, Inc. 1050 Connecticut Avenue, N.W. Washington, D.C. 20036	(V)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-04-88-086
		10B. DATED (SEE ITEM 13) 1/15/88
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)
 B&R No. 6077 FIN No. D-6204 APPN. No. 31X6141 Amt. \$341,000.00 FIN No. D-6206 Amt. \$600,000.00
 FIN No. D-6208 APPN. No. 31X6141 Amt. \$ 50,000.00 APPN. No. 31X6141

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

(V) 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 FAR Clause 52.243-2 Changes

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.)

PLEASE SEE THE FOLLOWING PAGE.

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 FOR CONTR
 NRC-04-88-086 PDC

15A. NAME AND TITLE OF SIGNER (Type or print) DOUGLAS M. CHAPIN PRINCIPAL OFFICER		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sharon Bell	
15B. CONTRACTOR/OFFEROR <i>Douglas M Chapin</i> <small>(Signature of person authorized to sign)</small>	15C. DATE SIGNED 11/28/89	16B. UNITED STATES OF AMERICA <i>Sharon Bell</i> <small>(Signature of Contracting Officer)</small>	16C. DATE SIGNED 11/27/89

The purpose of this modification is to provide for additional within scope efforts, raise the contract ceiling, add funding in the amount of \$991,000.00 provided by International Participants and extend the contract Period of Performance. Accordingly, the contract is hereby modified to read as follows:

1. Section C, Description/Specifications/Work Statement, Subsection C.1, Statement of Work, is revised to add the attached "Modification to Statement of Work", to be performed in accordance with MFR Associates, Inc.'s July 26, 1989 proposal, incorporated into the contract by this reference.
2. The Government hereby accepts and incorporates by this reference, MFR's proposal dated September 25, 1989, for additional efforts associated with the acquisition, storage and shipping of guide tube samples and periphery-core nozzles samples, as described therein.
3. Section B, Supplies or Services and Prices/Costs, Subsection B.2, Consideration and Obligation—Cost Plus Fixed Fee, paragraph a. is revised to read as follows:

"a. It is estimated that the total cost to the Government for full performance of this contract will be \$4,172,946.00, of which the sum of \$3,793,587.00 represents the estimated reimbursable costs, and of which \$379,359.00 represent the fixed fee."

4. Section B, Supplies or Services and Prices/Costs, Subsection B.2, Consideration and Obligation—Cost Plus Fixed Fee, paragraph c., is deleted in its entirety and the following paragraph c. is substituted in lieu thereof:

"c. Total funds presently available and allotted to this contract by the NRC are \$2,085,000.00. Total funds presently available and allotted to this contract by Industrial and International Participants are \$1,493,000.00. Total funds presently available by all participants, including the NRC are \$3,578,000.00."

5. Section B, Subsection B.2, Consideration and Obligation—Cost Plus Fixed Fee, paragraph d. is revised to read as follows:

"d. Funding by the Industrial and International Participants is provided on an incremental basis directly to the USNRC. An accounting of incremental funding provided by the individual participants is as follows:

PARTICIPANT FUNDING

INDUSTRIAL PARTICIPANTS

	COST AMOUNT	FEE AMOUNT	TOTAL OBLIGATED
EPRI	\$227,273.00	\$22,727.00	\$250,000.00
TOTAL INDUSTRIAL PARTICIPANTS			\$250,000.00

INTERNATIONAL PARTICIPANTS

	COST AMOUNT	FEE AMOUNT	TOTAL OBLIGATED
UNITED KINGDOM	\$229,091.00	\$22,909.00	\$252,000.00
SWEDEN	\$ 45,455.00	\$ 4,545.00	\$ 50,000.00
GERMANY	\$310,000.00	\$31,000.00	\$341,000.00
JAPAN	\$545,455.00	\$54,545.00	\$600,000.00
TOTAL INTERNATIONAL PARTICIPANTS			\$1,243,000.00

6. Section F.6 Duration of Contract Period is revised to read as follows:

"This contract shall commence on January 15, 1988 and will expire on June 30, 1990."

All other terms and conditions remain unchanged.

MODIFICATION TO STATEMENT OF WORK

FOR CONTRACT NO. NRC-04-89-086

1. Delete long-handed tool.
2. Add 2 week site set-up and checkout by PCI design personnel.
3. Add functional test mock-ups.
4. Add 25 electrodes.
5. Add design work to incorporate camera into MDM head.
6. Add design, modification and testing to enable MDM head to retain finished sample.