

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 8	3. EFFECTIVE DATE MAR 20 2002	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY CODE U.S. Nuclear Regulatory Commission Division of Contracts and Property Mgt. Attn: T-7-I-2 Contract Management Branch 1 Washington DC 20555	7. ADMINISTERED BY (If other than Item 6) CODE
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Oregon State University 130 Radiation Center Corvallis, Oregon 97331-5902 Prin. Investigator: Dr. Jose N. Reyes Telephone No.: (541) 737-2343	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-04-99-040
		10B. DATED (SEE ITEM 13) 02-01-1999

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 of 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)

31X0200.260	252A	Y6622
26015120127	Amount Obligated: \$10,000.00	

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

(X) 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) Changes - Cost Reimbursement Alternate V (APR 1984)

E. IMPORTANT: Contractor is not, is required to sign this document and return 2 copies to the issuing office.

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

(see page 2)

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) CLEM LaCAVA Asst Contract Administrator	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) for Mary Mace, Contracting Officer
15B. CONTRACTOR/OFFEROR <i>Clem LaCava</i> (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <i>Robert Webber</i> (Signature of Contracting Officer)
15C. DATE SIGNED 3/20/02	16C. DATE SIGNED 3/12/02

TEMPLATE-ADM 001

ADM 02

This modification is issued to (1) revise the contract in accordance with the attached Statement of Work (ATTACHMENT 1) and incorporate the contractor's technical proposal dated 3/6/02, (2) increase the contract ceiling by \$10,000 from \$1,168,000 to \$1,178,000, and (3) revise the period of performance ending date to 12/31/2002. Accordingly, the contract is hereby modified as follows:

- (1) Section B.3, Consideration and Obligation-Cost Reimbursement (JUN 1988), Alternate I (JUN 1988), paragraphs (a) and (f) are deleted in their entirety and the following paragraphs are substituted in lieu thereof:

"a. The total estimated cost to the Government for full performance under this contract is \$1,178,000."

"f. The amount presently obligated by the Government with respect to this contract and the second option year is \$1,178,000."

- (2) Section F.7, Duration of Contract Period (MAR 1987), Alternate 2 (MAR 1987), is deleted in its entirety and substituted with the following in lieu thereof:

"The second option year shall commence on 1/1/2001 and will expire twenty-four (24) months later on 12/31/2002."

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

Total FY1999 Obligations:	\$ 325,000
Total FY2000 Obligations:	\$ 440,000
Total FY2001 Obligations:	\$ 403,000
Total FY 2002 Obligations:	\$ 10,000
 Cumulative Total of NRC Obligations:	 \$1,178,000

This modification obligates \$10,000 in FY2002 funds.

All other terms and conditions remain the same.

ATTACHMENT 1

STATEMENT OF WORK

1. CONTRACT PERFORMANCE PERIOD

Because of hardware failures which were beyond the contractor's control, the contract performance period is hereby extended through December 31, 2002, in order to allow an adequate time to complete test data analyses and to prepare a final test report as a NUREG/CR report.

2. ADDITIONAL WORKSCOPE

The contractor shall install adequate instruments such as differential pressure cells in the upper head and in the upper plenum to measure the extent of the entrainment and de-entrainment of liquid from the core.

3. TRAVEL

Two trips to the NRC shall be planned in accordance with the contractor's proposal dated 3/6/02.

4. DELIVERABLE

A NUREG/CR report should be prepared on the test results and data analyses of the Pressurized Thermal Shock (PTS) Tests. Test data should be submitted in a format compatible to the NRC databank. Computer code input decks and notebooks should also be submitted to the NRC.