

2. AMENDMENT/MODIFICATION NO. M006	3. EFFECTIVE DATE JUN 01 2007	4. REQUISITION/PURCHASE REQ. NO. RES-05-048	5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mr. Michael Mills Mail Stop T-7-I-2 Washington, DC 20555	CODE 3100	7. ADMINISTERED BY (if other than Item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop T-7-I-2 Washington, DC 20555	CODE 3100

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) PENNSYLVANIA STATE UNIVERSITY, THE PENN STATE 408 OLD MAIN UNIVERSITY PARK PA 168021505	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-04-05-048
	X	10B. DATED (SEE ITEM 11) 06-03-2005
CODE 003403953		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. 76015111205, JC: N6043, BOC: 252A, 31X0200.760
FFS: RES-C07-190 Obligate: \$78,000.00

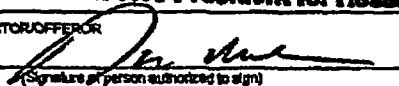

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(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 data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR (3.103(b)).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Bilateral Mutual Agreement of the Parties

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.)
Refer to page 2

Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) David W. Richardson Assistant Vice President for Research	15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Mills
16B. CONTRACTOR/OFFICER  (Signature of person authorized to sign)	16C. DATE SIGNED JUN 01 2007
16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 5/16/07

CONTRACT FILE

The purpose of this bilateral modification is to (1) exercise option year two (2) extend the period of performance through June 2, 2008; and (3) correct the total estimated cost to the Government for full performance under the contract in modification no. 2. Accordingly, the contract is modified as follows:

1. "Exercise option year 2 and extend the period of performance from June 3, 2005 through June 2, 2008.
2. Section B.3, Consideration and Obligation-Cost Reimbursement (JUN 1988) Alternate I (JUN 1988) paragraph (a) (b) and (c) is 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 \$471,732.

(b) The amount presently obligated by the Government with respect to this contract is \$329,000.

(c) It is estimated that the amount currently allotted will cover performance through October 31, 2007.
3. In modification no. 2 under Section B.3(a), change to read as follows:

The total estimated cost to the Government for full performance under this contract is \$341,249."

All other terms and conditions of the contract remain unchanged.

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

Total FY 2005 Obligation Amount:	\$104,000
Total FY 2006 Obligation Amount:	\$125,000
Total FY 2007 Obligation Amount:	\$100,000
Cumulative Total of NRC Obligations:	\$329,000

This modification obligates fiscal year funds in the amount of \$78,000.