

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		BPA NO.	1. CONTRACT ID CODE	PAGE 1	OF 2
2. AMENDMENT/MODIFICATION NO. M003		3. EFFECTIVE DATE 1 July 2010	4. REQUISITION/PURCHASE REQ. NO. 10-07-094 Dated 6/21/10		5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mail Stop: TWB-01-B10M Washington, DC 20555		CODE 3100	7. ADMINISTERED BY (if other than Item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop: TWB-01-B10M Washington, DC 20555		CODE 3100
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  PURDUE UNIVERSITY  401 S GRANT ST  WEST LAFAYETTE IN 479072024			(X)	9A. AMENDMENT OF SOLICITATION NO.	
CODE 072051394				9B. DATED (SEE ITEM 11)	
FACILITY CODE				10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-04-07-094 006	
			X	10B. DATED (SEE ITEM 13) 07-14-2009	

**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) 060-15-111-121 N6831 252A 31X0200.060  
OBLIGATE: \$118,706.73  
FFS#: RES-C10-710

**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:
X	D. OTHER (Specify type of modification and authority) Mutual agreement between the parties.

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

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

The purpose of this modification is to extend the period of performance thru 12/31/2010, increase the ceiling and add funding in the amount of \$118,706.73.

Ceiling Amount: \$460,149.73 (changed)  
Obligated Amount: \$460,149.73 (changed)  
Period of Performance: 7/14/2009 - 12/31/2010 (changed)

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Exhibit 1: **Purdue University** The 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) <b>Mark Pearson</b> <b>Sr. Contract Analyst</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Morie Gunter-Henderson</b> <b>Contracting Officer</b>	
15B. CONTRACTING OFFICER <i>(Signature)</i>		16B. UNITED STATES OF AMERICA BY <i>(Signature)</i>	
15C. DATE SIGNED <b>AUG 19 2010</b>		16C. DATE SIGNED <b>8/19/2010</b>	

NSN 7540-01-152-8070  
PREVIOUS EDITION NOT USABLE

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA - FAR (48 CFR) 53.243

TEMPLATE - ADM001

**SUNSI REVIEW COMPLETE**

AUG 23 2010

**ADM002**

The purpose of this modification is to (1) extend the period of performance thru 12/31/2010, (2) increase the ceiling by \$118,706.73 and (3) add funding in the amount of \$118,706.73.

Accordingly, NRC Task Order No. 006 is modified as follows:

- Section A.1 CONSIDRATION AND OBLIATION—TASK ORDER is DELETED entirely and REPLACED with the following:

**“A.1 CONSIDERATION AND OBLIGATION –TASK ORDER”**

- The total estimated amount of this Task Order (ceiling) for the products/services ordered, delivered, and accepted under this contract is \$460,149.73.
- The amount presently obligated with respect to this Task Order is \$460,149.73. This obligated amount may be unilaterally increased from time to time by the Contracting Officer by written modification to this contract. The obligated amount shall, at no time, exceed the Task Order ceiling as specified in paragraph (a) above. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this contract. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk."

- SCOPE OF WORK: Changes to deliverables schedule and level of effort are as follows:

**Task 3: Air Only Tests**

Deliverables	Level of Effort	Completion Date
Letter report on proposed test matrix	4 staff months	10 months after award
Experimental testing	6 staff months	Nov 30, 2010

Estimated Level of Effort: 10 staff months  
 Completion Date: Nov 30, 2010

**Task 4: Air-Steam Mixture Tests**

Deliverables	Level of Effort	Completion Date
Letter report on proposed test matrix	4 staff months	11 months after award
Experimental testing	6 staff months	Nov 30, 2010

Estimated Level of Effort: 10 staff months  
 Completion Date: Nov 30, 2010

LEVEL OF EFFORT: Change to the number of staff months  
 The total level of effort for Tasks 1-7 is estimated at 33 staff months.

A summary of NRC obligations for NRC Task Order No. 006, from date of the award to this modification, is provided below:

Total FY 09 Obligations	\$170,000.00
Total FY 10 Obligations	<u>\$290,149.73</u>
Cumulative Total of NRC Obligations:	\$460,149.73

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.