

Department of Energy

Oak Ridge Office
P.O. Box 2001
Oak Ridge, Tennessee 37831 —

June 30, 2008

Oak Ridge Associated Universities
Attn: Mr. Ivan Boatner, General Counsel
P.O. Box 117
Oak Ridge, Tennessee 37831

Dear Mr. Boatner:

SUBJECT: CONTRACT NO. DE-AC05-06OR23100, MODIFICATION A048

Enclosed is one fully executed copy of the subject document. This modification obligates the sum of \$11,862,083.96, resulting in total obligations to this contract of \$501,477,942.79. If you have any questions regarding this action, you may contact me at 576-0757 or via e-mail at ahlersdd@oro.doe.gov.

A handwritten signature in cursive script that reads "Darlene D. Ahlers".

Darlene D. Ahlers
Contract Specialist
Procurement and Contracts Division

Enclosure

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|---|--------------------------------------|---|--|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 1 | |
| 2. AMENDMENT/MODIFICATION NO. A048 | 3. EFFECTIVE DATE See Block 16.c. | 4. REQUISITION/PURCHASE REQ. NO. WPAS-NOPR | 5. PROJECT NO. (If applicable) | |
| 6. ISSUED BY U.S. Department of Energy Oak Ridge Office Attn: Darlene D. Ahlers P.O. Box 2001 Oak Ridge, TN 37831 | CODE | 7. ADMINISTERED BY (If other than Item 6) | CODE | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Oak Ridge Associated Universities P.O. Box 117 Oak Ridge, TN 37831 | | <input type="checkbox"/> | 9A. AMENDMENT OF SOLICITATION NO. | |
| | | <input type="checkbox"/> | 9B. DATED (SEE ITEM 11) | |
| | | <input checked="" type="checkbox"/> | 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-06OR23100 | |
| | | | 10B. DATED (SEE ITEM 13) December 21, 2005 | |
| CODE | FACILITY CODE | | | |

11. THIS ITEM 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 ACKNOWLEDGEMENT 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)

Amount Obligated: \$11,862,083.96

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

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| CHECK ONE | 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. |
| <input type="checkbox"/> | |
| <input type="checkbox"/> | 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). |
| <input type="checkbox"/> | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| <input checked="" type="checkbox"/> | D. OTHER (Specify type of modification and authority) Unilateral Modification – FAR 52.232-22 Limitation of Funds; B.4 Obligation of Funds; P.L. 95-91 |

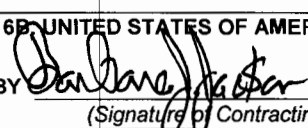
E. IMPORTANT: Contractor is not, is required to sign this document and return 3 copies to the issuing office.

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

The purpose of this modification is to obligate funding in the amount of \$11,862,083.96. Clause B.4 Obligation of Funds paragraph (a) is revised as follows:

"Pursuant to the clause in Section I, FAR 52.232-22 entitled "Limitation of Funds," total funds in the amount of \$501,477,942.79 are obligated herewith and made available for payment of allowable costs and maximum fee to be incurred from the effective date of this contract through the period estimated to end December 31, 2010."

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.

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| 15A. NAME AND TITLE OF SIGNER (Type or print) | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Barbara J. Jackson, Contracting Officer | |
| 15B. CONTRACT/OFFEROR | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer) | 16C. DATE SIGNED 06/27/08 |
| BY _____ (Signature of person authorized to sign) | | | |