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 $11,662,083.96, 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 576-2767 or via e-mail at ahlersdd@oro.doe.gov.

[Signature]
Darlene D. Ahlers
Contract Specialist
Procurement and Contracts Division

Enclosure
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. A048
3. EFFECTIVE DATE See Block 15.c.
4. REQUISITION/PURCHASE REQ. NO. WAP6-NOPR
5. PROJECT NO. (If applicable) CODE

6. ISSUED BY U.S. Department of Energy
Oak Ridge Office
Attn: Daniels G. Allen
P.O. Box 2090
Oak Ridge, TN 37831

7. ADMINISTERED BY (If other than item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (Name, street, county, State and ZIP Code)
Oak Ridge Associated Universities
P.O. Box 117
Oak Ridge, TN 37831

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. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended by one of the following methods: (a) by completing Items 9 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 number. 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: $11,982,083.96

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

CHECK ONE
☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority)
THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACTORDER NO. IN ITEM 10A.

☐ B. TIE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in pricing 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)
Unilateral/Modification - FAR 52.232-22 Limitation of Funds; 8.4 Obligation of Funds; P.L. 95-81

E. IMPORTANT: Contractor ☐ is notified. ☐ is required to sign this document and return 3 copies to the issuing office.

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

The purpose of this modification is to obligate funding in the amount of $11,982,083.96. Clause 8.4 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 $901,477,942.79 are obligated/ havewere 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.""