**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE
   - 18SC002324

2. AMENDMENT/MODIFICATION NO.
   - 0083

3. EFFECTIVE DATE
   - See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
   - 18SC002324

5. PROJECT NO. (If applicable)

6. ISSUED BY
   - U.S. Department of Energy
   - ORNL Site Office
   - P.O. Box 2008
   - Oak Ridge TN 37831

7. ADMINISTERED BY (If other than Item 6)
   - CODE 00516

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
   - OAK RIDGE ASSOCIATED UNIVERSITIES, INCORPORATED
   - Attn: Angela Holmberg
   - P.O. BOX 117
   - OAK RIDGE TN 37831

9A. AMENDMENT OF SOLICITATION NO.
   - 03/10/2016
   - Net Increase: $128,773.75

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
    - DE-SC0014664

10B. DATED (SEE ITEM 13)

11A. CONTRACT ID CODE
    - 041152224

11B. FACILITY CODE
    - CODE

11C. DATE SIGNED
    - 03/10/2016

11D. SIGNATURE OF PERSON AUTHORIZED TO SIGN DOCUMENT
    - Kenneth Lowell Kimbrough

11E. SIGNATURE OF CONTRACTING OFFICER
    - Signature on File

12. ACCOUNTING AND APPROPRIATION DATA (If required)
    - Net Increase: $128,773.75
    - See Schedule

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

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 Department of Energy Funding in the amount of $128,773.75 TAS: 89 0321. This Modification does not obligates any Non-Appropriated funding.

   Pursuant to paragraph (a) of the contract clause in Section I, DEAR 970.5232-4 Obligation of Funds (DEC 2000), the amount presently obligated by the Government with respect to this contract is $743,034,855.38

   All other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
    - Kenneth Lowell Kimbrough

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
    - Kenneth Lowell Kimbrough

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED
    - 01/11/2018

STANDARD FORM 30 (REV. 10-83)
Payment:
OR for Oak Ridge/OSTI
U.S. Department of Energy
Oak Ridge Financial Service Center
P.O. Box 6017
Oak Ridge TN 37831