### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<tr>
<td>18SCO02409</td>
<td>0086</td>
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6. ISSUED BY: U.S. Department of Energy  
ORNL Site Office  
P.O. Box 2008  
Oak Ridge TN 37831

7. ADMINISTERED BY:  
CODE 00516

8. NAME AND ADDRESS OF CONTRACTOR: OAK RIDGE ASSOCIATED UNIVERSITIES, INCORPORATED  
Attn: Angela Holmberg  
P.O. BOX 117  
OAK RIDGE TN 37831

9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. DE-SC00014664

10B. DATED (SEE ITEM 13)  
03/10/2016

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 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) Net Increase: $7,479,645.47

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 Health and Human Services Funding in the amount of $7,479,645.47 TAS: 75 0959. This Modification does not obligate any Non-Appropriated funding.

Pursuant to paragraph (a) of the contract clause in Section I, DEAR 970.5232-4 Obligation of Funds (DEC 2000) and P.L. 95-91

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.

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

16B. UNITED STATES OF AMERICA  
Signature on File  
01/26/2018

15A. NAME AND TITLE OF SIGNER (Type or print)  
(If other than Item 6)

15B. CONTRACTOR/OFFEROR  
Oak Ridge National Laboratory

15C. DATE SIGNED  
Continued ...
<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
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<tbody>
<tr>
<td></td>
<td>U.S. Department of Energy Site Office</td>
</tr>
<tr>
<td></td>
<td>Bethel Valley Road</td>
</tr>
<tr>
<td></td>
<td>Building 4500N, Room 204</td>
</tr>
<tr>
<td></td>
<td>Oak Ridge TN 37830</td>
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<td>Payment:</td>
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<td></td>
<td>OR for Oak Ridge/OSTI</td>
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<tr>
<td></td>
<td>U.S. Department of Energy</td>
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<tr>
<td></td>
<td>Oak Ridge Financial Service Center</td>
</tr>
<tr>
<td></td>
<td>P.O. Box 6017</td>
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<td>Oak Ridge TN 37831</td>
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