The purpose of this modification is to obligate Department of Energy Funding in the amount of $100,000.00 TAS: 89 0240. This Modification does not obligate 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 $505,002,283.43

All other terms and conditions remain unchanged.

Delivery Location Code: 000525
Oak Ridge National Laboratory
U.S. Department of Energy Site Offi
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.

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

16C. DATE SIGNED
04/07/2017
<table>
<thead>
<tr>
<th>ITEM NO. (A)</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
</tr>
</thead>
</table>

Bethel Valley Road  
Building 4500N, Room 204  
Oak Ridge, TN 37830

Payment:  
OR for Oak Ridge/OSTI  
U.S. Department of Energy  
Oak Ridge Financial Service Center  
P.O. Box 6017  
Oak Ridge, TN 37831