The purpose of this modification is to obligate Department of Energy Funding in the amount of $287,000.00 TAS: 89 0222. This modification does not obligate any non-appropriated funds.

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 $1,042,977,395.50

All other terms and conditions remain unchanged.

FN 156 NAME AND TITLE OF SIGNER (Type or print)
Kenneth Lowell Kimbrough

16C. DATE SIGNED
04/19/2019
<table>
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<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES (B)</th>
<th>QUANTITY (C)</th>
<th>UNIT (D)</th>
<th>UNIT PRICE (E)</th>
<th>AMOUNT (F)</th>
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<td>Building 4500N, Room 204</td>
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<td>Oak Ridge TN 37830</td>
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Payment:

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