### 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>
<th>6. ISSUED BY</th>
<th>7. ADMINISTERED BY (If other than Item 6)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0122</td>
<td>See Block 16C</td>
<td>18SC003113</td>
<td></td>
<td>Code 06005</td>
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</tbody>
</table>

**8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)**

Brookhaven Science Associates, LLC  
Attn: Brian Boyle  
BROOKHAVEN NATIONAL LABORATORY  
BLDG. 460, PO BOX 5000  
UPTON NY 11973

**9A. AMENDMENT OF SOLICITATION NO.**

9B. DATED (SEE ITEM 11)

9C. MODIFICATION OF CONTRACT/ORDER NO.

DE-SC0012704

9D. DATED (SEE ITEM 13)

12/22/2014

**10A. MODIFICATION OF CONTRACT/ORDER NO.**

**11A. 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 and set forth 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)**

See AFP’s dated 5-26-2018 and 6-26-2018 located at BHSO.

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER 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 CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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:

☐ X Obligation of Funds Clause I.152 – DEAR 970.5232-4

**E. IMPORTANT:**  
Contractor ☐ is not, ☐ is required to sign this document and return copies to the issuing office.

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

DUNS Number: 027579460

Total Amount changed from $2,263,460,472.69 to $2,406,458,666.68

Obligated Amount for this modification: $142,998,193.99

Payment:

Payment - Direct Payment

from U.S. Dept of Treasury

FOB: Destination

Period of Performance: 01/05/2015 to 01/04/2020

Change Item 00001 to read as follows(amount shown Continued ...)

**15A. NAME AND TITLE OF SIGNER (Type or print)**

Robert P. Gordon

**15B. CONTRACTOR/OFFEROR**

**15C. DATE SIGNED**

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

**16B. UNITED STATES OF AMERICA**

Signature on File

Signature on File

06/27/2018

06/27/2018
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
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</thead>
<tbody>
<tr>
<td>00001</td>
<td>M&amp;O Contract at BNL</td>
<td></td>
<td></td>
<td></td>
<td>2,406,458,666.68</td>
</tr>
</tbody>
</table>

is the total amount: 2,406,458,666.68