### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<th>PAGE OF PAGES</th>
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</thead>
<tbody>
<tr>
<td>18SC002996</td>
<td>1</td>
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</tbody>
</table>

#### 2. AMENDMENT/MODIFICATION NO.

- 0117

#### 3. EFFECTIVE DATE

- See Block 16C

#### 4. REQUISITION/PURCHASE REQ. NO.

- 18SC002996

#### 5. PROJECT NO. (If applicable)

- 

#### 6. ISSUED BY CODE

- BROOKHAVEN SITE OFFICE
- U.S. DEPARTMENT OF ENERGY
- BROOKHAVEN NATIONAL LABORATORY
- 53 BELL AVENUE
- UPTON NY 11973

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

- 

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

- BROOKHAVEN SCIENCE ASSOCIATES, LLC
- ATTENTION: ERIK HUNT
- BROOKHAVEN NATIONAL LABORATORY
- BLDG. 460, PO BOX 5000
- UPTON NY 11973

#### 9. AMENDMENT OF SOLICITATION NO.

- 027579460

#### 10. MODIFICATION OF CONTRACT/ORDER NO.

- DE-SC0012704

#### 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.

#### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

- Net Increase: $425,684.37

See AFAP dated 5/23/2018 located at BHSO.

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/OFFERS. 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:
  - D. OTHER (Specify type of modification and authority)

- 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 $2,181,906,319.79 to $2,182,332,004.16
- Obligated Amount for this modification: $425,684.37

#### 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 ...)

### NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243
<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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<tbody>
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<td>00001</td>
<td>M&amp;O Contract at BNL</td>
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<td></td>
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is the total amount):