AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO.  0089
3. EFFECTIVE DATE  See Block 16C
4. REQUISITION/PURCHASE REQ. NO.  17SC001719
5. PROJECT NO. (If applicable)

6. ISSUED BY  CODE  06005
       Brookhaven Site Office
       U.S. Department of Energy
       Brookhaven Site Office
       53 Bell Avenue
       Upton NY 11973

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 119735000

9A. AMENDMENT OF SOLICITATION NO.  (x)

9B. DATED (SEE ITEM 11)  

10A. MODIFICATION OF CONTRACT/ORDER NO.  DE-SC0012704

10B. DATED (SEE ITEM 13)  12/22/2014

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: $30,848.18
See AFP dated 09/07/2017 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 D. OTHER (Specify type of modification and authority)

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.)
Tax ID Number: 11-3403915
DUNS Number: 027579460
Total Amount changed from $1,854,960,925.18 to $1,854,991,773.36
Obligated Amount for this modification: $30,848.18
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)
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
   David R. Mitchell

15B. CONTRACTOR/OFFEROR
15C. DATE SIGNED
16B. UNITED STATES OF AMERICA
16C. DATE SIGNED 09/12/2017

(Signature of person authorized to sign) (Signature of person authorized to sign) (Signature of Contracting Officer)
<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>
<tbody>
<tr>
<td>00001</td>
<td>M&amp;O contract for BNL</td>
<td></td>
<td></td>
<td></td>
<td>1,854,991,773.36</td>
</tr>
</tbody>
</table>

is the total amount: 1,854,991,773.36