Brookhaven Site Office
U.S. Department of Energy
Brookhaven Site Office
53 Bell Avenue
Upton NY 11973

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

TOTAL APPROPRIATED DOE: $ 13,287,502.00
TOTAL APPROPRIATED OFA: $ 8,000.00
TOTAL APPROPRIATED: $ 13,295,502.00

TOTAL NON-APPROPRIATED: $ 7,566,947.38

GRAND TOTAL: $ 20,862,449.38

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/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, 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

INCREMENTAL FUNDING ACTION

SEE FY 2019 AFP NO. 55 FOR DETAILS

TOTAL APPROPRIATED DOE: $ 13,287,502.00
TOTAL APPROPRIATED OFA: $ 8,000.00
TOTAL APPROPRIATED: $ 13,295,502.00
TOTAL NON-APPROPRIATED: $ 7,566,947.38

GRAND TOTAL: $ 20,862,449.38

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.

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

Fausto R. Fernandez

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

15B. CONTRACTOR/OFFEROR

Fauusto R. Fernandez

16B. UNITED STATES OF AMERICA

15C. DATE SIGNED

07/30/2019

(Signature of person authorized to sign)
NAME OF OFFEROR OR CONTRACTOR
Brookhaven Science Associates, LLC

<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></td>
<td>PREVIOUS CONTRACT AMOUNT: $3,119,877,477.14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>NEW CONTRACT AMOUNT: $3,140,739,926.52</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

INFORMATION LISTED BELOW IS AUTO-GENERATED CONTENT BY STRIPES:

LIST OF CHANGES:
Reason for Modification: Funding Only Action
Total Amount for this Modification: $20,862,449.38
New Total Amount for this Version: $3,140,739,926.52
New Total Amount for this Award: $3,140,739,926.52
Obligated Amount for this Modification: $20,862,449.38
New Total Obligated Amount for this Award: $3,140,739,926.52

CHANGES FOR LINE ITEM NUMBER: 1
Total Amount changed from $3,119,877,477.14 to $3,140,739,926.52
Obligated Amount for this modification: $20,862,449.38

CHANGES FOR DELIVERY LOCATION: 06005
Amount changed from $3,119,877,477.14 to $3,140,739,926.52

NEW ACCOUNTING CODE ADDED:
Account code:
See AFP dated 07-24-2019 located at BHSO
[Non-Appropriated]
Fund 00000
Appr Year 0000
Allottee 00
Reporting Entity 000000
Object Class 00000
Program 0000000
Project 0000000
WFO 0000000
Local Use 0000000
Quantity: 0
Amount: $7,566,947.38
Percent: .24093
Subject To Funding: N
Payment Address:
   Payment - Direct Payment
   from U.S. Dept of Treasury

NEW ACCOUNTING CODE ADDED:
Continued ...
<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>

Account code:
See AFP dated 07-24-2018 located at BHSO
[Appropriated]
Fund 000000
Appr Year 0000
Allottee 00
Reporting Entity 000000
Object Class 000000
Program 000000
Project 000000
WFO 000000
Local Use 000000
Quantity: 0
Amount: $13,287,502.00
Percent: .42307
Subject To Funding: N
Payment Address:
  Payment - Direct Payment
from U.S. Dept of Treasury

NEW ACCOUNTING CODE ADDED:
Account code:
See AFP dated 07-24-2019 located at BHSO
Fund 000000
Appr Year 0000
Allottee 00
Reporting Entity 000000
Object Class 000000
Program 000000
Project 000000
WFO 000000
Local Use 000000
Quantity: 0
Amount: $8,000.00
Percent: .00025
Subject To Funding: N
Payment Address:
  Payment - Direct Payment
from U.S. Dept of Treasury

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 ...
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>00001</td>
<td>Management &amp; Operating Contract for the operations of Brookhaven National Laboratory</td>
<td>1</td>
<td></td>
<td>3,140,739,926.52</td>
<td>3,140,739,926.52</td>
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