AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0189
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO. 21SC001027
5. PROJECT NO. (If applicable)

8. ISSUED BY SC Chicago Service Center
   CODE 892430
   Office of Science - Chicago
   U.S. Department of Energy
   9800 South Cass Avenue
   Lemont IL 60439

8. NAME AND ADDRESS OF CONTRACTOR
   Brookhaven Science Associates, LLC
   Attn: Kevin Fox
   BROOKHAVEN NATIONAL LABORATORY
   BLDG. 460, PO BOX 5000
   UPTON NY 11973

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

10B. DATED (SEE ITEM 19) 12/22/2014

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

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

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

16A. NAME AND TITLE OF CONTRACTING OFFICER
Fausto R. Fernandez

16C. DATE SIGNED 05/26/2021

TOTAL APPROPRIATED DOE: $4,048,453.77
TOTAL APPROPRIATED OFA: $1,053,398.06
TOTAL APPROPRIATED: $5,101,851.83
TOTAL NON-APPROPRIATED: $2,962,475.77
GRAND TOTAL: $8,064,327.60
Continued ...
**LIST OF CHANGES:**

Reason for Modification: Funding Only Action

Total Amount for this Modification: $8,064,327.60
New Total Amount for this Version: $4,477,225,612.42
New Total Amount for this Award: $4,477,225,612.42
Obligated Amount for this Modification: $8,064,327.60
New Total Obligated Amount for this Award: $4,477,225,612.42

**CHANGES FOR LINE ITEM NUMBER:** 1
Total Amount changed from $4,469,161,284.82 to $4,477,225,612.42
Obligated Amount for this Modification: $8,064,327.60

**CHANGES FOR DELIVERY LOCATION:** 06005
Amount changed from $4,469,161,284.82 to $4,477,225,612.42

**NEW ACCOUNTING CODE ADDED:**
Account code:
See AFP dated 05-24-2021 located at BHSO
Fund 00000
Appr Year 0000
Allottee 00
Reporting Entity 000000
Object Class 00000
Program 0000000
Project 0000000
WFO 0000000
Local Use 000000
Quantity: 0
Amount: $1,053,398.06
Percent: .02353
Subject To Funding: N
Payment Address:
Payment - Direct Payment
from U.S. Dept of Treasury

**NEW ACCOUNTING CODE ADDED:**
Account code:
See AFP dated 05-24-2021 located at BHSO
[Non-Appropriated]
Fund 00000
Appr Year 0000
Allottee 00
Continued ...
<table>
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<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>
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<tbody>
<tr>
<td></td>
<td>Reporting Entity 000000&lt;br&gt;Object Class 000000&lt;br&gt;Program 00000000&lt;br&gt;Project 0000000&lt;br&gt;WFO 0000000&lt;br&gt;Local Use 0000000&lt;br&gt;Quantity: 0&lt;br&gt;Amount: $2,962,475.77&lt;br&gt;Percent: .06617&lt;br&gt;Subject To Funding: N&lt;br&gt;Payment Address: Payment - Direct Payment from U.S. Dept of Treasury</td>
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<td>NEW ACCOUNTING CODE ADDED: Account code: See AFP dated 05-24-2021 located at BHSO [DOE Appropriated] Fund 000000 Appr Year 0000 Allottee 00 Reporting Entity 000000 Object Class 000000 Program 0000000 Project 0000000 WFO 0000000 Local Use 0000000 Quantity: 0 Amount: $4,048,453.77 Percent: .09042 Subject To Funding: N Payment Address: Payment - Direct Payment from U.S. Dept of Treasury</td>
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<td>Payment: Payment - Direct Payment from U.S. Dept of Treasury Period of Performance: 01/05/2015 to 01/04/2025</td>
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<td>Change Item 00001 to read as follows(amount shown is the total amount):</td>
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<tr>
<td>00001</td>
<td>PERFORMANCE-BASED CONTRACT FOR MANAGEMENT AND OPERATION OF BROOKHAVEN NATIONAL LABORATORY.</td>
<td></td>
<td></td>
<td></td>
<td>4,477,225,612.42</td>
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