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| 2. AMENDMENT/MODIFICATION NO. 0155 | 3. EFFECTIVE DATE See Block 16C | 4. REQUISITION/PURCHASE REQ. NO. 20SC000421 | 5. PROJECT NO. (If applicable) |
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| 6. ISSUED BY Brookhaven Site Office U.S. Department of Energy Brookhaven Site Office 53 Bell Avenue Upton NY 11973 | CODE | 892430 | 7. ADMINISTERED BY (If other than Item 6) | CODE | 06005 |
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| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Brookhaven Science Associates, LLC Attn: Kevin Fox BROOKHAVEN NATIONAL LABORATORY BLDG. 460, PO BOX 5000 UPTON NY 11973 | (x) | 9A. AMENDMENT OF SOLICITATION NO. |
| | | 9B. DATED (SEE ITEM 11) |
| | x | 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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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| 12. ACCOUNTING AND APPROPRIATION DATA (If required) See AFP dated 12-18-2019 located at BHSO. | Net Increase: | \$50,671,864.55 |
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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

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| 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 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: |
| 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.)
DUNS Number: 027579460
INCREMENTAL FUNDING ACTION
SEE FY 2020 AFP NO. 63 FOR DETAILS

TOTAL APPROPRIATED DOE: \$43,468,022.25
TOTAL APPROPRIATED OFA: \$ 5,697,978.98
TOTAL APPROPRIATED: \$49,166,001.23

TOTAL NON-APPROPRIATED: \$ 1,505,863.32

GRAND TOTAL: \$50,671,864.55

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.

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| 15A. NAME AND TITLE OF SIGNER (Type or print) | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Fausto R. Fernandez |
| 15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i> | 15C. DATE SIGNED |
| 16B. UNITED STATES OF AMERICA Signature on File <i>(Signature of Contracting Officer)</i> | 16C. DATE SIGNED 12/19/2019 |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-SC0012704/0155

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NAME OF OFFEROR OR CONTRACTOR
Brookhaven Science Associates, LLC

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
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| | <p>PREVIOUS CONTRACT AMOUNT: \$3,262,573,908.67 NEW CONTRACT AMOUNT: \$3,313,245,773.22 INFORMATION LISTED BELOW IS AUTO-GENERATED CONTENT BY STRIPES:</p> <p>LIST OF CHANGES: Reason for Modification : Funding Only Action</p> <p>Total Amount for this Modification: \$50,671,864.55 New Total Amount for this Version: \$3,313,245,773.22 New Total Amount for this Award: \$3,313,245,773.22 Obligated Amount for this Modification: \$49,166,001.23 New Total Obligated Amount for this Award: \$3,311,739,909.90</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed from \$3,262,573,908.67 to \$3,313,245,773.22 Obligated Amount for this modification: \$49,166,001.23</p> <p>CHANGES FOR DELIVERY LOCATION: 06005 Amount changed from \$3,262,573,908.67 to \$3,313,245,773.22</p> <p>NEW ACCOUNTING CODE ADDED: Account code: See AFP dated 12-18-2019 located at BHSO 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: \$5,697,978.98 Percent: .17198 Subject To Funding: N Payment Address: Payment - Direct Payment from U.S. Dept of Treasury</p> <p>NEW ACCOUNTING CODE ADDED: Continued ...</p> | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-SC0012704/0155

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NAME OF OFFEROR OR CONTRACTOR
Brookhaven Science Associates, LLC

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
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| 00001 | <p>Account code: See AFP dated 12-18-2019 located at BHSO [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: \$43,468,022.25 Percent: 1.31195 Subject To Funding: N Payment Address: Payment - Direct Payment from U.S. Dept of Treasury</p> <p>Delivery Location Code: 06005 Brookhaven Site Office US Department of Energy Brookhaven Site Office 53 Bell Avenue Upton NY 11973</p> <p>Payment: Payment - Direct Payment from U.S. Dept of Treasury FOB: Destination Period of Performance: 01/05/2015 to 01/04/2024</p> <p>Change Item 00001 to read as follows (amount shown is the total amount):</p> <p>Management & Operating Contract for the operations of Brookhaven National Laboratory</p> | | | 3,313,245,773.22 | |