

2. AMENDMENT/MODIFICATION NO. 0143	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 19SC001104	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) Brookhaven Site Office U.S. Department of Energy Brookhaven Site Office 53 Bell Avenue Upton NY 11973	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.

12. ACCOUNTING AND APPROPRIATION DATA (If required) See AFP dated 5/23/2019 and 5/24/2019 located at BHSO.	Net Increase:	\$5,259,526.42
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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.**

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 2019 AFP NO. 52 and 53 FOR DETAILS

TOTAL APPROPRIATED DOE:	\$ 1,825,973.49
TOTAL APPROPRIATED OFA:	\$ 727,321.21
TOTAL APPROPRIATED:	\$ 2,553,294.70
 TOTAL NON-APPROPRIATED:	 \$2,706,031.72
 GRAND TOTAL:	 \$ 5,259,326.42

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)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Fausto R. Fernandez
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA Signature on File (Signature of Contracting Officer)	16C. DATE SIGNED 05/31/2019

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-SC0012704/0143

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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)
00001	<p>PREVIOUS CONTRACT AMOUNT: \$3,107,598,221.69 NEW CONTRACT AMOUNT: \$3,112,857,748.11</p> <p>INFORMATION LISTED BELOW IS AUTO-GENERATED CONTENT BY STRIPES: LIST OF CHANGES: Reason for Modification : Funding Only Action Total Amount for this Modification: \$5,259,526.42 New Total Amount for this Version: \$3,112,857,748.11 New Total Amount for this Award: \$3,112,857,748.11 Obligated Amount for this Modification: \$5,259,526.42 New Total Obligated Amount for this Award: \$3,112,857,748.11</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed from \$3,107,598,221.69 to \$3,112,857,748.11 Obligated Amount for this modification: \$5,259,526.42</p> <p>Payment:     Payment - Direct Payment     from U.S. Dept of Treasury FOB: Destination Period of Performance: 01/05/2015 to 01/04/2020</p> <p>Change Item 00001 to read as follows (amount shown is the total amount):</p> <p>Management &amp; Operating Contract for the operations of Brookhaven National Laboratory</p>			3,112,857,748.11	