

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NUMBER 0182	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQUISITION NUMBER	5. PROJECT NUMBER (If applicable)	
6. ISSUED BY Brookhaven Site Office Office of Science U.S. Department of Energy 53 Bell Avenue, Building 464 Upton NY 11973	CODE 892430	7. ADMINISTERED BY (If other than Item 6) Brookhaven Site Office Office of Science U.S. Department of Energy 53 Bell Avenue, Building 464 Upton NY 11973	CODE 06005	
8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code) Brookhaven Science Associates, LLC Attn: Kevin Fox Brookhaven National Laboratory Building 460, PO Box 5000 Upton NY 11973-5000			(X) <input type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NUMBER
CODE 027579460			FACILITY CODE N/A	9B. DATED (SEE ITEM 11)
			(X) <input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NUMBER 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 ACKNOWLEDGMENT 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)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.  
IT MODIFIES THE CONTRACT/ORDER NUMBER AS DESCRIBED IN ITEM 14.**


CHECK ONE <input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NUMBER IN ITEM 10A.
<input type="checkbox"/>	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).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: <b>FAR 43.103(a), Agreements of the parties modifying the terms of the contract.</b>
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not  is required to sign this document and return 1 copies to the issuing office.

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

See pages 2-4.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) George Clark, Chief Financial Officer	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Fausto R. Fernandez, Contracting Officer
15B. CONTRACTOR/OFFEROR <b>George Clark</b> Digitally signed by George Clark Date: 2021.01.26 10:10:38 -05'00' <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED 1/26/2021
16B. UNITED STATES OF AMERICA  Fausto R. Fernandez, Contracting Officer U.S. Department of Energy, Brookhaven Site Office Digitally signed by FAUSTO FERNANDEZ Date: 2021.01.27 11:55:10 -05'00' <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 1/27/2021

Previous edition unusable

**14. DESCRIPTION OF AMENDMENT/MODIFICATION** continued.

A. This modification is issued to update the following contract sections:

**Contract Sections:**

- a. Part I, Section H—Special Contract Requirements
  - H.20
  - H.45
  
- b. Part II—Contract Clauses
  - I.65 - FAR 52.225-1
  - I.67 - FAR 52.225-9
  - I.98 - FAR 52.252-6
  
- c. Part III, Section J – List of Attachments
  - Appendix E
  - Appendix H
  - Appendix I

B. Table of Changes

**PART I, SECTION H — SPECIAL CONTRACT REQUIREMENTS**

Clause No.	Title	Change & Explanation
H.20	Responsible Corporate Official	<p><b>Change:</b> Update to reflect change of the responsible corporate official.</p> <p><b>Explanation:</b> The responsible corporate official formal notification of change was submitted to the BHSO DOE Contracting Officer via letter from BSA dated January 12, 2021.</p>
H.45	Paid Leave Under Section 3610 of the Coronavirus Aid, Relief, and Economic Security Act (CARES ACT) to Maintain Employees and Subcontractors in a Ready State	<p><b>Change:</b> Update clause to extend the date agencies may use Section 3610 as the authority for recognizing the costs Section 3610 covers as allowable.</p> <p><b>Explanation:</b> This clause is being updated IAW DOE Policy Flash PF 2021-15 dated December 29, 2020.</p>

**PART II, SECTION I — CONTRACT REQUIREMENTS**

Clause No.	Title	Change & Explanation
I.65	FAR 52.225-1, Buy American – Supplies (May 2014)	<p><b>Change:</b> Update clause to its current version.</p>

	Modified By DEAR 970.2570 (Nov 2010)	<p><b>Explanation:</b> Amend section 52.225-1 by—</p> <ul style="list-style-type: none"><li>a. Revising the date of the clause;</li><li>b. In paragraph (a):<ul style="list-style-type: none"><li>i. Removing from paragraph (1)(i) in the definition “Commercially available off-the-shelf (COTS) item” “FAR” and adding “Federal Acquisition Regulation (FAR)” in its place;</li><li>ii. Revising the definition “Domestic end product”;</li><li>iii. Adding in alphabetical order the definitions “Fastener” “Foreign iron and steel” “Predominantly of iron or steel or a combination of both” and “Steel”; and</li></ul></li><li>c. Revising paragraph (b).</li></ul> <p>IAW 85 FR 56558 published September 14, 2020 and FAR Case 2019-016.</p>
I.67	FAR 52.225-9, Buy American—Construction Materials (May 2014)	<p><b>Change:</b> Update clause to its current version.</p> <p><b>Explanation:</b> Amend section 52.225-9 by—</p> <ul style="list-style-type: none"><li>a. Revising the date of the clause;</li><li>b. In paragraph (a):<ul style="list-style-type: none"><li>i. Removing from paragraph (1)(i) in the definition “Commercially available off-the-shelf (COTS) item” “FAR” and adding “Federal Acquisition Regulation (FAR)” in its place;</li><li>ii. Revising the definition “Domestic construction material”; and</li><li>iii. Adding in alphabetical order the definitions “Fastener” “Foreign iron and steel” “Predominantly of iron or steel or a combination of both” and “Steel”;</li></ul></li><li>c. Revising paragraph (b)(1);</li><li>d. Removing from paragraph (b)(3)(i) “6 percent” and adding “20 percent” in its place; and</li><li>e. Revising paragraph (d).</li></ul> <p>IAW 85 FR 56558 published September 14, 2020 and FAR Case 2019-016.</p>
I.98	FAR 52.252-6, Authorized Deviations in Clauses (Apr 1984)	<p><b>Change:</b> Update clause to its current version.</p> <p><b>Explanation:</b> Amend section 52.252-6 by—</p>

		<p>a. Removing from the introductory text “\$( DEVIATION)” and adding “(DEVIATION)” in its place;</p> <p>b. Revising the date of clause; and</p> <p>c. Removing from paragraphs (a) and (b) “\$( DEVIATION)” and adding “(DEVIATION)” in its place.</p> <p>This clause is being updated IAW 85 FR 67628 published October 23, 2020 and FAC 2021-02, Technical Amendments.</p>
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**PART III, SECTION J — LIST OF DOCUMENTS, EXHIBITS, ATTACHMENTS**

Appendix	Title	Change & Explanation
E	Key Personnel	<p><b>Change:</b> Update appendix.</p> <p><b>Explanation:</b> This appendix is updated to reflect the personnel change for the Associate Laboratory Director of Nuclear and Particle Physics IAW Clause H.21 – Employee Compensation: Pay and Benefits (c)(1)(A)(x).</p>
H	Small Business Subcontracting Plan	<p><b>Change:</b> Revise FY 2021 Plan.</p> <p><b>Explanation:</b> This appendix is revised to update the FY 2021 plan goals IAW DOE Memorandum from Charlie Smith, Director, OSDDBU, Subject: Set-aside Request and Fiscal Year 2021 Small Business Goals dated December 2, 2020.</p>
I	DOE Directives/List B	<p><b>Change:</b> Update the following directives. 414.1D Chg. 2 (LtdChg.) 440.2C Chg. 2(LtdChg.) 458.1 Chg. 4 (LtdChg.) 470.3C Chg. 1 (LtdChg.)</p> <p><b>Explanation:</b> This appendix is replacing the prior version with the attached Appendix I identified as Modification No. 0177.</p>

**C. ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**

**END OF MODIFICATION**

**CLAUSE H.20 – RESPONSIBLE CORPORATE OFFICIAL**

The Government may contact, as necessary, the single responsible corporate official identified below, who is at a level above the Contractor separate entity performing the contract, and who is accountable for the Contractor regarding Contractor performance issues:

Name: Dr. Mark Peters  
Position: Executive Vice President, Global Laboratory Operations  
Company/Organization: Battelle Memorial Institute  
Address: 505 King Avenue, Columbus, OH 43201  
Phone: 614-424-5200  
Facsimile: 614-458-5200  
Email: petersmt@battelle.org

Should the responsible parent corporate official change during the period of the contract, the Contractor shall promptly notify the Contracting Officer in writing of the change.

**CLAUSE H.45 – PAID LEAVE UNDER SECTION 3610 OF THE CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY ACT (CARES ACT) TO MAINTAIN EMPLOYEES AND SUBCONTRACTORS IN A READY STATE**

- (a) The Contractor may submit for reimbursement and the Government (without requiring consideration but precluding additional fee) will treat as allowable (if otherwise allowable per federal regulations) the costs of paid leave (including sick leave) the Contractor or its subcontractors provide to keep employees in a ready state if--
  - (1) The employees: cannot perform work on a site approved by the Federal Government (including a federally-owned or leased facility or site) due to facilities closures or other restrictions; and cannot telework because their job duties cannot be performed remotely during the public health emergency declared on January 31, 2020 for COVID–19.
  - (2) The costs are incurred from January 31, 2020 through March 31, 2021.
  - (3) The costs do not reflect any amount exceeding an average of 40 hours per week for paid leave.
- (b) Where other relief provided for by the CARES Act or any other Act would benefit the contractor or the contractor’s subcontractors, including, but not limited to, funds available under sections 1102 and 1106 of the CARES Act, the contractor should evaluate the applicability of such benefits in seeking reimbursement under the contract.
- (c) The Contractor must represent in any request for reimbursement--
  - (1) Either it: has not received, has not claimed, and will not claim any other reimbursement, including claims for reimbursement via letter of credit, for federal funds available under the CARES Act for the same purpose, including, but not limited to, funds available under sections 1102 and 1106 of the CARES Act; or if it has received, claimed, or will claim other reimbursement, that reimbursement has been reflected, or will be reflected when known, in requests for reimbursement but in no case reflected later than in its final proposal to determine allowable incurred costs.
  - (2) Its request reflects or will reflect as soon as known all applicable credits, including
    - (i) Tax credits, including credits allowed pursuant to division G of Public Law 116-127; and
    - (ii) Applicable credits allowed under the CARES Act, including applicable credits for loan guarantees.

**CLAUSE I.65 – FAR 52.225-1 – BUY AMERICAN – SUPPLIES (JAN 2021);  
MODIFIED BY DEAR 970.2570 (NOV 2010)**

(a) *Definitions.* As used in this clause--

“Commercially available off-the-shelf (COTS) item”—

- (1) Means any item of supply (including construction material) that is—
  - (i) A commercial item (as defined in paragraph (1) of the definition at Federal Acquisition Regulation (FAR) 2.101;
  - (ii) Sold in substantial quantities in the commercial marketplace; and
  - (iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and
- (2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4), such as agricultural products and petroleum products.

“Component” means an article, material, or supply incorporated directly into an end product.

“Cost of components” means--

- (1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the end product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or
- (2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the end product.

“Domestic end product” means—

- (1) For an end product that does not consist wholly or predominantly of iron or steel or a combination of both--
  - (i) An unmanufactured end product mined or produced in the United States;

- (ii) An end product manufactured in the United States, if-
  - (A) The cost of its components mined, produced, or manufactured in the United States exceeds 55 percent of the cost of all its components. Components of foreign origin of the same class or kind as those that the agency determines are not mined, produced, or manufactured in sufficient and reasonably available commercial quantities of a satisfactory quality are treated as domestic. Components of unknown origin are treated as foreign. Scrap generated, collected, and prepared for processing in the United States is considered domestic; or
  - (B) The end product is a COTS item.
- (2) For an end product that consists wholly or predominantly of iron or steel or a combination of both, an end product manufactured in the United States, if the cost of foreign iron and steel constitutes less than 5 percent of the cost of all the components used in the end product. The cost of foreign iron and steel includes but is not limited to the cost of foreign iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the end product and a good faith estimate of the cost of all foreign iron or steel components excluding COTS fasteners. Iron or steel components of unknown origin are treated as foreign. If the end product contains multiple components, the cost of all the materials used in such end product is calculated in accordance with the definition of "cost of components".

*End product* means those articles, materials, and supplies to be acquired under the contract for public use.

*Fastener* means a hardware device that mechanically joins or affixes two or more objects together. Examples of fasteners are nuts, bolts, pins, rivets, nails, clips, and screws.

*Foreign end product* means an end product other than a domestic end product.

*Foreign iron and steel* means iron or steel products not produced in the United States. Produced in the United States means that all manufacturing processes of the iron or steel must take place in the United States, from the initial melting stage through the application of coatings, except metallurgical processes involving refinement of steel additives. The origin of the elements of the iron or steel is not relevant to the determination of whether it is domestic or foreign.



*Predominantly of iron or steel or a combination of both* means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. The cost of iron and steel is the cost of the iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the product and a good faith estimate of the cost of iron or steel components excluding COTS fasteners.

*Steel* means an alloy that includes at least 50 percent iron, between 0.02 and 2 percent carbon, and may include other elements.

*United States* means the 50 States, the District of Columbia, and outlying areas.

- (b) 41 U.S.C. Chapter 83, Buy American, provides a preference for domestic end products for supplies acquired for use in the United States. In accordance with 41 U.S.C. 1907, the domestic content test of the Buy American statute is waived for an end product that is a COTS item (see [12.505\(a\)\(1\)](#)), except that for an end product that consists wholly or predominantly of iron or steel or a combination of both, the domestic content test is applied only to the iron and steel content of the end product, excluding COTS fasteners.
- (c) Offerors may obtain from the Contracting Officer a list of foreign articles that the Contracting Officer will treat as domestic for this contract.
- (d) The Contractor shall deliver only domestic end products except to the extent that it specified delivery of foreign end products in the provision of the solicitation entitled "Buy American Certificate."

**CLAUSE I.67 – FAR 52.225-9–BUY AMERICAN–CONSTRUCTION MATERIALS  
(JAN 2021)**

(a) *Definitions.* As used in this clause--

*Commercially available off-the-shelf (COTS) item—*

- (1) Means any item of supply (including construction material) that is—
  - (i) A commercial item (as defined in paragraph (1) of the definition at Federal Acquisition Regulation (FAR) 2.101;
  - (ii) Sold in substantial quantities in the commercial marketplace; and
  - (iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and
- (2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4), such as agricultural products and petroleum products.

"Construction material" means an article, material, or supply brought to the construction site by the Contractor or a subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

*Cost of components means-*

- (1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or
- (2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the construction material.

*Domestic construction material* means-

- (1) For construction material that does not consist wholly or predominantly of iron or steel or a combination of both-
  - (i) An unmanufactured construction material mined or produced in the United States; or
  - (ii) A construction material manufactured in the United States, if-
    - (A) The cost of its components mined, produced, or manufactured in the United States exceeds 55 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic. Components of unknown origin are treated as foreign; or
    - (B) The construction material is a COTS item; or
- (2) For construction material that consists wholly or predominantly of iron or steel or a combination of both, a construction material manufactured in the United States if the cost of foreign iron and steel constitutes less than 5 percent of the cost of all components used in such construction material. The cost of foreign iron and steel includes but is not limited to the cost of foreign iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the construction material and a good faith estimate of the cost of all foreign iron or steel components excluding COTS fasteners. Iron or steel components of unknown origin are treated as foreign. If the construction material contains multiple components, the cost of all the materials used in such construction material is calculated in accordance with the definition of "cost of components".

*Fastener* means a hardware device that mechanically joins or affixes two or more objects together. Examples of fasteners are nuts, bolts, pins, rivets, nails, clips, and screws.

*Foreign construction material* means a construction material other than a domestic construction material.

*Foreign iron and steel* means iron or steel products not produced in the United States. Produced in the United States means that all manufacturing processes of the iron or steel must take place in the United States, from the initial melting stage through the application of coatings, except metallurgical processes

involving refinement of steel additives. The origin of the elements of the iron or steel is not relevant to the determination of whether it is domestic or foreign.

*Predominantly of iron or steel or a combination of both* means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. The cost of iron and steel is the cost of the iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the product and a good faith estimate of the cost of iron or steel components excluding COTS fasteners.

*Steel* means an alloy that includes at least 50 percent iron, between 0.02 and 2 percent carbon, and may include other elements.

“United States” means the 50 States, the District of Columbia, and outlying areas.

(b) Domestic preference.

- (1) This clause implements [41 U.S.C. chapter 83](#), Buy American, by providing a preference for domestic construction material. In accordance with [41 U.S.C. 1907](#), the domestic content test of the Buy American statute is waived for construction material that is a COTS item, except that for construction material that consists wholly or predominantly of iron or steel or a combination of both, the domestic content test is applied only to the iron and steel content of the construction materials, excluding COTS fasteners. (See FAR [12.505\(a\)\(2\)](#)). The Contractor shall use only domestic construction material in performing this contract, except as provided in paragraphs (b)(2) and (b)(3) of this clause.
- (2) This requirement does not apply to information technology that is a commercial item or to the construction materials or components listed by the Government as follows: none.
- (3) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(2) of this clause if the Government determines that-
  - (i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the requirements of the Buy American statute is unreasonable when the cost of such material exceeds the cost of foreign material by more than 20 percent;
  - (ii) The application of the restriction of the Buy American statute to a particular construction material would be impracticable or inconsistent with the public interest; or

- (iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.
- (c) Request for determination of inapplicability of the Buy American statute.
  - (1)
    - (i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(3) of this clause shall include adequate information for Government evaluation of the request, including-
      - (A) A description of the foreign and domestic construction materials;
      - (B) Unit of measure;
      - (C) Quantity;
      - (D) Price;
      - (E) Time of delivery or availability;
      - (F) Location of the construction project;
      - (G) Name and address of the proposed supplier; and
      - (H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.
    - (ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.
    - (iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).
    - (iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the

Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

- (2) If the Government determines after contract award that an exception to the Buy American statute applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(3)(i) of this clause.
- (3) Unless the Government determines that an exception to the Buy American statute applies, use of foreign construction material is noncompliant with the Buy American statute.
- (d) *Data.* To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

<b>Construction material description</b>	<b>Unit of measure</b>	<b>Quantity</b>	<b>Price (dollars) *</b>
<i>Item 1</i>			
Foreign construction material			
Domestic construction material			
<i>Item 2</i>			
Foreign construction material			
Domestic construction material			

*[\* Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued)].*

*[List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.]*

*[Include other applicable supporting information.]*

**CLAUSE I.98 – FAR 52.252-6 – AUTHORIZED DEVIATIONS IN CLAUSES  
(NOV 2020)**

- (a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of “(DEVIATION)” after the date of the clause.
- (b) The use in this solicitation or contract of any Department of Energy Acquisition Regulation (48 CFR Chapter 9) clause with an authorized deviation is indicated by the addition of “(DEVIATION)” after the name of the regulation.

## **APPENDIX E**

### **KEY PERSONNEL**

**Applicable to the Operations of  
The Brookhaven National Laboratory**



Pursuant to the Section I Clause entitled “DEAR 952.215-70 – Key Personnel”, the following positions are considered to be essential to work being performed.

Title	Name
Laboratory Director	Dr. Doon Gibbs
Deputy Director for Science and Technology	Dr. Robert Tribble
Deputy Director for Operations	Mr. John Anderson, Jr.
Associate Laboratory Director for Energy Sciences	Dr. James Misewich
Acting Associate Laboratory Director for Nuclear & Particle Physics	Dr. Dmitri Denisov
Associate Laboratory Director for Environmental Safety & Health	Dr. Steve Coleman
Associate Laboratory Director and Project Director for Electron-Ion Collider (EIC)	Mr. James H. Yeck

**APPENDIX H**

**FY2021 SMALL BUSINESS SUBCONTRACTING PLAN**

**Applicable to the Operations of  
Brookhaven National Laboratory**

## FY2021 SMALL BUSINESS SUBCONTRACTING PLAN

Contractor:	Brookhaven Science Associates, LLC.
Contractor Address:	Brookhaven National Laboratory, P.O. Box 5000
City/State/Zip:	Upton, New York 11973-5000
Company Phone:	(631) 344-8000
Point of Contact:	Mary Rogers
POC Phone:	(631) 344-3251
POC E-mail:	mrogers@bnl.gov
Contract Number:	DE-SC0012704
Item/Service:	Management and Operation of BNL
Total Amount of Contract (Including Options):	\$3,858,031,595.15 (through mod 0174)
Period of Contract Performance:	01/05/2015 to 01/04/2025

### I. Type of Plan

Individual Contract Plan – An Individual Contract Plan means a subcontracting plan that covers the entire contract period (including option periods), applies to a specific contract, and has goals that are based on the offer’s planned subcontracting in support of the specific contract except that indirect costs incurred for common or joint purposes may be allocated on a prorated basis to the Contract.

### II. Goals

a. BSA has established separate dollar and percentage goals for small business (SB) (including Alaska Native Corporations [ANC] and Indian Tribes), small disadvantaged business (SDB - including ANCs and Indian Tribes), women-owned small business (WOB), HUBZone small business (HUB), service-disabled veteran-owned small business (SDVOB) and veteran-owned small business (VOB) concerns (hereafter referred to the six small business categories) as subcontractors, as specified in FAR 19.704.

1. The total estimated dollar value of all planned subcontracting (to all types of business concerns) under this contract, is \$205,000,000.
2. The following percentage goals (expressed in terms of a percentage of total planned subcontracting dollars) and associated dollars are applicable to the contract cited above and will be pursued on a best efforts basis consistent with good commercial practices and best value assessments.

(i) Total estimated dollar value and percent of planned subcontracting with Small Business (SB) (including ANCs and Indian Tribes): \$102,500,000 and 50%.

(ii) Total estimated dollar value and percent of planned subcontracting with Small Disadvantaged Business (SDB)/8(a) (including ANCs and Indian Tribes): \$10,250,000 and 5%.

- (iii) Total estimated dollar value and percent of planned subcontracting with Woman-Owned Small Business (WOB): \$10,250,000 and 5%.
- (iv) Total estimated dollar value and percent of planned subcontracting with Historically Underutilized Small Business (HUBZone): \$6,150,000 and 3%.
- (v) Total estimated dollar value and percent of planned subcontracting with Service-Disabled Veteran-Owned Small Business (SDVOB): \$6,150,000 and 3%.
- (vi) Total estimated dollar value and percent of planned subcontracting with Veteran-Owned Small Business (VOB): \$6,150,000 and 3%.

Small Business Category	BSA Dollar Commitment	BSA Percent Commitment
<b>SB</b>	\$ 102,500,000	50%
<b>SDB</b>	\$ 10,250,000	5%
<b>WOB</b>	\$ 10,250,000	5%
<b>HUBZone</b>	\$ 6,150,000	3%
<b>VOB</b>	\$ 6,150,000	3%
<b>SDVOB</b>	\$ 6,150,000	3%

The following is an indication of the supplies and services to be subcontracted under this Contract, the six categories of small business (including ANCs and Indian Tribes) and large business.

Subcontracted Supplies/Services	SB	SDB	WOB	HUB	SDVOB	VOB	LB
A & E	X						X
Construction	X	X	X		X	X	X
R & D	X						X
Services	X	X	X	X	X	X	X
Materials & Supplies	X	X	X	X	X	X	X
Electrical	X	X	X	X	X	X	X
IT (Computer)	X	X	X	X	X	X	X
Equipment (Major)	X						X

- b. The goals for the six small business categories are based on consultations with the DOE. Potential suppliers will be identified using BSA's current vendor base, and various directories including: System for Award Management (SAM), the DOE-OSDBU Small Business Contacts Database, Women's Chamber of Commerce, New York U.S. Small Business Administration Long Island, New York U.S. Small Business Administration, The Suffolk County Women's Business Enterprise Coalition (SCWBEC), The Procurement Technical Assistance Center's (PTAC) Database, the Small Business Administration-Small Business Development Center (SBA-SBDC) databases, and sharing the small business databases from the other DOE National Labs, etc. The areas to be subcontracted to each target small business group have been determined by historic references and current needs. Capabilities to provide goods and services are determined on an individual basis.

c. Timely Payment to Subcontractors:

BSA will ensure timely payment of amounts due pursuant to the terms of its subcontracts with the six small business concerns. BSA will use Small Business Set Asides to support the small business goals stated above.

d. Small Business Set-Asides Types:

1. Small Business Set-Aside:

Each acquisition of supplies or services with an anticipated dollar value exceeding the Micro-Purchase Limit but not over the Simplified Acquisition Threshold (FAR 2.101) will be reserved exclusively for small business concerns and shall be set aside for small business unless there is not a reasonable expectation of obtaining offers from two or more responsible small business concerns that are competitive in terms of market prices, quality, and delivery.

2. Construction Set-Asides:

Acquisition of construction estimated to cost \$4 million or less, including new construction, and repair and alteration of structures, shall be a small business set-aside. For acquisition in excess of \$4 million, small business will be considered on a case-by-case basis.

III. Sole Source Procurements:

BSA may award contracts on a sole-source basis to these types of small Businesses:

- a. Small Business Administration (SBA) certified 8(a) small businesses; in accordance with FAR 19.805 (2) for purchases valued at: (A) \$7.5 million or less for 8(a) small business within North American Industry Classification System (NAICS) codes for manufacturing or \$4.5 million or less for small business within any other NAICS codes. There will be no limit on the anticipated value of contracts awarded on a sole-source basis to ANC; and
- b. SBA certified Historically Underutilized Small Businesses (HUB) Zone small businesses in accordance with FAR 19.1306 (2) for purchases valued at: (A) \$7.5 million or less for HUBZone small business within North American Industry Classification System (NAICS) codes for manufacturing or \$4.5 million or less for HUBZone small business within any other NAICS codes. There will be no limit on the anticipated value of contracts awarded on a sole-source basis to ANC; and
- c. Service-Disabled Veteran-Owned Small Business (SDVOB) small businesses in accordance with FAR 19.1406 (2) sole-source awards to service-disabled veteran-owned small business concerns for \$7 million or less for requirement within the NAICS codes for manufacturing; or \$4 million for a requirement within any other NAICS codes. There will be no limit on the anticipated value of contracts awarded on a sole-source basis to ANC.
- d. Set Asides to Small Business for procurements less than the Simplified Acquisition Threshold (SAT).

To further facilitate Brookhaven National Laboratory Small Business Program, BSA will, without further documentation to the file, and based on its unilateral decision, utilize the option of making awards without competition up to the simplified acquisition threshold to small business concerns;

- e. A Protégé under a DOE Prime Contractor Mentor-Protégé Program can be awarded a contract on a noncompetitive basis, without the need for a sole source justification for any value.
- f. Indirect costs have not been included in the dollar and percentage subcontracting goals stated above.

#### IV. Program Administrator

The Contractor's subcontracting program administrator is:

Name: Mary Rogers  
Title: Small Business Liaison Officer  
Address: Brookhaven National Laboratory  
Procurement & Property Management Division  
Building 902B  
Upton, New York 11973

Telephone:(631) 344-3251

Email: [mrogers@bnl.gov](mailto:mrogers@bnl.gov)

Duties: General overall responsibility for Brookhaven Science Associates (BSA) subcontracting program, i.e., developing, preparing, and executing subcontracting plans and monitoring performance relative to the requirements of this particular plan. These duties include, but are not limited to, the following activities:

- a. Developing and promoting laboratory-wide policy initiatives that demonstrate BSA's support for awarding contracts and subcontracts to the six small business categories.
- b. Making arrangements for the utilization of various sources for the identification of the six small business categories through some of the following resources: System for Award Management (SAM), the DOE-OSDBU Small Business Contacts Database, GSA Office of Small Business, Women's Chamber of Commerce Database, the Procurement Technical Assistance Center's Database, the SBA-SBDC databases, sharing the Small Business databases from the other DOE National Labs, the National Minority Business Directory, etc. This effort will be focused on identification of reliable, competitive suppliers in the areas where achieving small business goals has been a challenge.
- c. Ensuring small businesses are made aware of subcontracting opportunities and basic prerequisites for the preparation of a responsive bid.
- d. Conducting or arranging for training for procurement personnel regarding the intent and impact of Public Law 95-507 on purchasing procedures.

- e. Supporting the Procurement and Property Management Division Manager (PPM) and Compliance Manager in randomly reviewing procurements to ensure the maximum possible participation of the six small business categories.
- f. Monitoring the over \$750,000 (\$1,500,000 for construction) large business subcontractors' performance and making suggestions for the utilization of small business, where applicable, so that any adjustments necessary to achieve the subcontracting plan goals can be made.
- g. Preparing, inputting and submitting timely subcontracting reporting through the eSRS and MOSRC.
- h. Coordinating BSA's activities during compliance reviews by Federal agencies.
- i. Assuring the integrity of supplier information by reviewing the Representations and Certifications, ensuring that supplier NAICS codes and socioeconomic classifications are included in the descriptions of new suppliers.

V. Equitable Opportunity

BSA will ensure that small businesses have an equitable opportunity to compete for subcontracts. The various efforts include, but are not limited to, the following activities:

- (i) Utilization of the Internet to obtain new sources.
- a. Internal efforts to guide and encourage purchasing personnel:
  - (i) Presenting workshops, seminars, and/or training programs including training in the use of the SAM.
  - (ii) Establishing, maintaining, and using small business source lists, guides, and other data for soliciting subcontracts, and encouraging procurement staff to utilize this data.
  - (iii) Monitoring activities to evaluate compliance with the subcontracting plan.
- b. Outreach efforts to promote small business development will include:
  - (i) Maintaining an annual list of outreach events and activities to attend and participate in.
  - (ii) Providing contact information for 8(a) and HUB-Zone small businesses to assist them in achieving SBA certification.
  - (iii) Maintaining an internal Small Business Policy.
  - (iv) Participating in DOE Small Business Program Manager conference calls.

VI. Flow-Down Clauses

BSA will continue to include the provisions under FAR 52.219-8, "Utilization of Small Business Concerns", in all subcontracts that offer further subcontracting opportunities. BSA will also require all subcontractors, except small business concerns and foreign suppliers, that receive subcontracts in excess of \$750,000 (\$1,500,000 for construction) to adopt a plan that complies with the requirements of the clause at FAR 52.219-9, "Small Business Subcontracting Plan."

These plans will be reviewed against the provisions of Public Law 95-507 to assure that all minimum requirements of an acceptable subcontracting plan have been satisfied. The acceptability of percentage goals will be determined on a case-by-case basis depending on the supplies/services involved, the availability of the six potential small business categories and prior experience. Once approved and implemented, plans will be monitored through the submission of periodic reports, and/or, as time and availability of funds permit, periodic visits to subcontractors' facilities to review applicable records and subcontracting program progress.

VII. Reporting and Cooperation

BSA will (1) cooperate in any studies or surveys that may be required by the contracting agency or the Small Business Administration; (2) submit any periodic reports required under its Prime Contract, such as utilization reports, which show compliance with the subcontracting plan; (3) submit timely "Subcontracting Report for Individual Contracts," (ISR) and "Summary Subcontract Report," (SSR) in accordance with the instructions identified on the eSRS website ([www.esrs.gov](http://www.esrs.gov)); (4) and ensure that large business subcontractors with subcontracting plans provide electronic input to the eSRS as required.

<u>Reporting Period</u>	<u>Report Type</u>	<u>Due Date</u>
Oct 1 – Mar 31	ISR	04/30
Apr 1 – Sep 30	ISR	10/31
Oct 1 – Sep 30	SSR	10/31
Monthly	MOSRC	20 <sup>th</sup> of each month

VIII. Document Retention

Records will be maintained to demonstrate the procedures adopted to comply with the requirements and goals in the subcontracting plan. These records will include, but not be limited to, the following:

- a. A list of sources, guides and other data used to identify suppliers and vendors.
- b. Documents to support internal guidance and encouragement, provided to buyers through:
  - (i) Workshops, seminars, training programs
  - (ii) Monitoring of activities to evaluate compliance
- c. The procurement files for all subcontract solicitations over the Simplified Acquisition Threshold will contain AMS-Form-002 which indicates for each solicitation whether small businesses were solicited, and if any of the solicited the small business concerns received



a subcontract award, as well as a justification for not soliciting small businesses or failure to award a subcontract to a solicited small business.

d. Representations and Certifications Information

- (i) 8(a) certification approvals through copies of their SBA certification letter
- (ii) Confirmation of HUB-Zone certification will be verified by searching the companies profile in the System for Award Management (SAM) database.

IX. Mentor-Protégé Program

BSA agrees to establish and implement an official DOE approved “Mentor-Protégé” in accordance with U.S. Department of Energy acquisition regulation (DEAR Part 19). The Small Business Liaison Officer is the individual designated to administer this program.

X. Description of Good Faith Effort

BSA intends to use all reasonable and good faith efforts as described in this Plan to award the stated percentages of the final actual subcontract base amount to the six small businesses concerns. The following steps will be taken:

- a. Issue and promulgate company-wide policy statements in support of small businesses. Develop written procedures and work instructions and assign specific responsibilities regarding requirements of the applicable Public Law.
- b. Review specific procurement actions for possible acquisition from eligible small businesses.
- c. Demonstrate continuing management interest and involvement in support of this effort through such actions as regular reviews of progress.
- d. Train and motivate the procurement personnel regarding the need for the support of small businesses.
- e. Assist small businesses by helping with questions on solicitations, quantities, specifications, and delivery requirements.
- f. Counsel and discuss subcontracting opportunities with small businesses.
- g. Execute Service Agreements, Teaming Agreements, and Basic Ordering Agreements with small business from the six qualified small business categories, as required, in an attempt to ensure availability and usage of subcontractor personnel to support work efforts when required.
- h. Establish and maintain a categorized list of potential subcontractors, including name, address, telephone number, email address, product/service sold, initials of the Buyer and/or

Contract Specialist lead given to, and identification of the social economic small business category.

This FY2020 subcontracting plan was submitted by:

Signature: *Lynn R McKnight* Date: 12/09/2020

Lynn McKnight  
Manager  
Procurement and Property Management Division

Approval:

*Katrina B. Porter*  
Signature: *Katrina B. Porter* Date: 10 Dec 2020  
Katrina B. Porter | Contracting Officer  
U.S. Department of Energy | Brookhaven Site Office

Katrina B. Porter  
Contracting Officer  
U.S. Department of Energy  
Brookhaven Site Office

**APPENDIX I**

**DOE Directives/List B**

**Applicable to the Operations of  
Brookhaven National Laboratory**

There is no List A to this Appendix.

List B to this Appendix contains the following:

Part I: "Directives List"

This section contains a list of Directives that are considered by DOE as applicable to the BNL contract.

**Appendix I - Part I  
DOE DIRECTIVES LIST**

DOE Directives may be found at the following address: <http://www.directives.doe.gov>

ISSUED	TYPE	NUMBER	THROUGH CHANGE	TITLE Includes Compliance Notes as Necessary
9/29/1995	Order	130.1		Budget Formulation
9/4/2008	Manual	142.2-1	Chg. 1 (Admin Chg.) 6/27/2013	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
12/15/2006	Order	142.2A	Chg. 1 (Admin Chg.) 6/27/2013	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
10/14/2010	Order	142.3A	Chg.2 (LtdChg.) 12/13/2019	Unclassified Foreign Visits and Assignments Program
3/31/2014	Order	150.1A		Continuity Programs
8/11/2016	Order	151.1D	Chg.1 (Minor Chg.) 10/4/2019	Comprehensive Emergency Management System
6/27/2007	Order	153.1		Departmental Radiological Emergency Response Assets
12/23/2008	Order	200.1A	Chg.1 (Minor Chg.) 01/13/2017	Information Technology Management
1/7/2005	Order	203.1		Limited Personal Use of Government Office Equipment Including Information Technology
5/15/2019	Order	205.1C		Department of Energy Cyber Security Program
1/16/2009	Order	206.1	Chg.1 (Minor Chg.) 11/1/2018	Department of Energy Privacy Program
2/19/2013	Order	206.2		Identity, Credential and Access Management (ICAM)
4/8/2011	Order	210.2A		DOE Corporate Operating Experience Program
9/27/2016	Order	221.1B		Reporting Fraud, Waste, and Abuse to the Office of Inspector General
2/25/2008	Order	221.2A		Cooperation with the Office of Inspector General
3/4/2011	Order	225.1B		Accident Investigations
12/21/2015	Order	227.1A	Chg. 1 (Admin Chg.) 1/21/2020	Independent Oversight Program
6/27/2011	Order	231.1B	Chg. 1 (Admin Chg.) 11/28/2012	Environment, Safety and Health Reporting
1/17/2017	Order	232.2A	Chg.1 (Minor Chg.) 10/04/2019	Occurrence Reporting and Processing of Operations Information

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ISSUED	TYPE	NUMBER	THROUGH CHANGE	TITLE Includes Compliance Notes as Necessary
12/13/2010	Order	241.1B	Chg. 1 (Admin Chg) 4/26/2016	Scientific and Technical Information Management
3/11/2013	Order	243.1B	Chg. 1 (Admin Chg.) 7/8/2013	Records Management Program
2/23/2011	Order	252.1A	Chg. 1 (Admin Chg.) 3/12/2013	Technical Standards Program
11/19/2009	Order	313.1		Management and Funding of the Department's Overseas Presence
10/18/2007	Order	341.1A Parts: 1.(a-b) 2.a(1-3) 2.a(4)(a-h)		Federal Employee Health Services
9/30/1996	Order	350.1	Chg. 7 (LtdChg.) 2/19/2020	Contractor Human Resource Management Programs
8/17/2009	Order	410.2	Chg. 1 (Admin Chg.) 4/10/2014	Management of Nuclear Materials
1/4/2017	Order	411.2		Scientific Integrity
1/4/2017	Policy	411.2A		Scientific Integrity Policy
10/28/2008	Order	413.1B		Internal Control Program
10/22/2015	Order	413.2C	Chg.1 (Minor Chg.) 8/2/2018	Laboratory Directed Research and Development
11/29/2010	Order	413.3B	Chg. 5 (Minor Chg.) 4/12/2018	Program and Project Management for the Acquisition of Capital Assets
4/25/2011	Order	414.1D	Chg. 2 (LtdChg.) 9/15/2020	Quality Assurance
12/3/2012	Order	415.1	Chg. 2 (Minor Chg.) 1/17/2017	Information Technology Project Management

### Appendix I - Part I DOE DIRECTIVES LIST

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ISSUED	TYPE	NUMBER	THROUGH CHANGE	TITLE Includes Compliance Notes as Necessary
12/4/2012	Order	420.1C	Chg.3 (Ltd Chg.) 11/14/2019	Facility Safety <b>Compliance Note:</b> CRD Chapters 1, 3, and 5 only are applicable to BNL Hazardous Category 1, 2, or 3 nuclear facilities. Currently these type of nuclear facilities do not exist at BNL. The requirements of DOE O 420. 1C Chg. 2 CRD Chapters 2 (Fire Protection) and 5 (Natural Phenomena Hazards Mitigation) apply to BNL
7/21/2011	Order	420.2C		Safety of Accelerator Facilities
6/29/2010	Order	422.1	Chg. 3 (Minor Chg.) 10/4/2019	Conduct of Operations <b>Compliance Note:</b> Applicable to Hazardous Category 1, 2, or 3 nuclear facilities and other facilities as defined by BSA in a Program Plan approved by BHSO
11/25/2016	Policy	434.1B		Conduct and Approval of Select Agent and Toxin Work at Department of Energy Sites
7/9/1999	Order	435.1	Chg. 1 (Pg Chg) 8/28/2001	Radioactive Waste Management
7/9/1999	Manual	435.1-1	Chg. 2 (Admin Chg.) 6/8/2011	Radioactive Waste Management Manual
5/2/2011	Order	436.1		Departmental Sustainability
6/15/2011	Order	440.2C	Chg. 2 (LtdChg.) 9/15/2020	Aviation Management and Safety
3/7/2008	Manual	441.1-1	Chg. 1 (Admin Chg.) 02/24/2016	Nuclear Material Packaging Manual
1/31/2019	Order	442.1B		Department of Energy Employee Concerns Program
7/29/2011	Order	442.2	Chg.1 (Pg.Chg.) 10/5/2016	Differing Professional Opinions for Technical Issues Involving Environment, Safety and Health
11/26/2019	Order	443.1C		Protection of Human Research Subjects
7/21/2011	Order	452.8		Control of Nuclear Weapon Data
7/15/2016	Order	456.1A		The Safe Handling of Unbound Engineered Nanoparticles
2/11/2011	Order	458.1	Chg. 4 (LtdChg.) 9/15/2020	Radiation Protection of the Public and the Environment

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ISSUED	TYPE	NUMBER	THROUGH CHANGE	TITLE Includes Compliance Notes as Necessary
12/20/2016	Order	460.1D		Hazardous Materials Packaging and Transportation Safety
12/22/2004	Order	460.2A		Departmental Material Transportation and Packaging Management
6/4/2008	Manual	460.2-1A		Radioactive Material Transportation Practices Manual
11/23/2016	Order	470.3C	Chg. 1 (LtdChg.) 9/9/2020	Design Basis Threat (DBT) Order
7/21/2011	Order	470.4B	Chg. 2 (Minor Chg.) 1/17/2017	Safeguards and Security Program
6/2/2014	Order	470.5		Insider Threat Program
9/2/2015	Order	470.6	Chg.1 (Minor Chg.) 1/11/2017	Technical Security Program
3/1/2010	Order	471.1B		Identification and Protection of Unclassified Controlled Nuclear Information
4/9/2003	Order	471.3	Chg. 1 (Admin Chg.) 1/13/2011	Identifying and Protecting Official Use Only Information
4/9/2003	Manual	471.3-1	Chg. 1 (Admin Chg.) 1/13/2011	Manual for Identifying and Protecting Official Use Only Information
6/20/2011	Order	471.6	Chg. 3 (Admin Chg.) 9/12/2019	Information Security
7/21/2011	Order	472.2	Chg. 1 (Pg Chg.) 7/9/2014	Personnel Security
3/23/2016	Order	473.3A	Chg.1 (Minor Chg.) 1/2/2018	Protection Program Operations
6/27/2011	Order	474.2	Chg. 4 (Pg.Chg.) 9/13/2016	Nuclear Material Control and Accountability
12/10/2004	Order	475.1		Counterintelligence Program
10/3/2014	Order	475.2B		Identifying Classified Information
12/20/2018	Order	481.1E	Chg. 1 (LtdChg.) 12/13/2019	Strategic Partnership Projects [Formerly Known as Work for Others (Non-Department of Energy Funded Work)]



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12/20/2016	Order	483.1B	Chg. 2 (LtdChg.) 12/13/2019	DOE Cooperative Research and Development Agreements
8/17/2006	Order	484.1	Chg. 2 (Admin Chg.) 6/30/2014	Reimbursable Work for the Department of Homeland Security
12/13/2019	Policy	485.1A		Foreign Engagements with DOE National Laboratories
9/4/2020	Order	486.1A		Foreign Government Sponsored or Affiliated Activities <b>Compliance Note:</b> BSA is developing a compliance implementation action plan to be approved by BHSO
8/2/2018	Order	522.1A		Pricing of Departmental Materials and Services
1/6/2003	Order	534.1B		Accounting
5/2/2019	Order	550.1	Chg. 1 (LtdChg.) 12/13/2019	Official Travel
3/30/2012	Order	580.1A	Chg. 1 (Admin Chg.) 10/22/2012	Department of Energy Personal Property Management Program