

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 16
2. AMENDMENT/MODIFICATION NUMBER 0346	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQUISITION NUMBER	5. PROJECT NUMBER (If applicable)	
6. ISSUED BY Brookhaven Site Office 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 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 Atten: Janine Mehlinger Brookhaven National Laboratory Building 460, PO Box 5000 Upton, NY 11973-5000		(X) <input type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NUMBER	
CODE		FACILITY CODE	9B. DATED (SEE ITEM 11)	
		(X)	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: FAR 43.103(a), Mutual agreement of both parties.
<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.)

UEI: R85KZ9JP3NM3
Payment - Direct Payment
from U.S. Dept of Treasury

The purpose of this modification is issued to update Part III – Section J, Appendix E, G and I as set forth on the pages attached to the bilaterally signed SF-30 document. Period of Performance 01/05/2015 to 01/04/2030.

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) Susan McKeon, Chief Financial Officer		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Romaine Howard-McKellar, Contracting Officer	
15B. CONTRACTOR/OFFEROR Susan McKeon Digitally signed by Susan McKeon Date: 2026.06.16 16:18:01 -04'00'	15C. DATE SIGNED 06/16/2026	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED 06/16/2026
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

14. DESCRIPTION OF AMENDMENT/MODIFICATION continued.

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

Contract Sections:

- (a) Part III – List of Documents, Exhibits, Attachments: *Section J Appendices has been revised; replace the prior version with the updated attachment provided herein:*
- Appendix E – Key Personnel
 - Appendix G - Purchasing System Requirements
 - Appendix I – DOE Directives/List B

B. Table of Changes

PART III – SECTION J – LIST OF DOCUMENTS, EXHIBITS, ATTACHMENTS

Clause No.	Title	Change & Explanation
Appendix E	Key Personnel	<p>Delete: Removes Interim Laboratory Director from Dr. John Hill</p> <p>Add: Dr. John Hill as Laboratory Director</p> <p>Updated: Mr. to Dr. Martin Schoonen</p> <p>Explanation: In accordance with HQ approval of Key Personnel and BNL Media & Communications Office Announcement dated 5/21/2026.</p>
Appendix G	Purchasing System Requirements	<p>Change: a. Revises (1) threshold value from \$15M to \$50M.</p> <p>Source: Memorandum from Juston K. Fontaine dated June 11, 2026, to Joanna Serra, Acting Brookhaven Site Office Manager, Subject Procurement Review Threshold for Brookhaven National Laboratory.</p>
Appendix I	DOE Directives/List B	<p>Added: DOE Order 142.3C, Unclassified Foreign National Access Program, dated 3/31/2026.</p> <p>Deleted: DOE Order 142.3B, Unclassified Foreign National Access Program, Chg. 1 (Ltd Chg.) dated 3/02/2022.</p> <p>Added: DOE Policy 203.1 Use of Generative Artificial Intelligence, dated 12/29/2025</p> <p>Updated: DOE Order 227.1A, Independent Oversight Program, Chg. 1 (Admin Chg.) 1/21/2020 to Chg. 2 (Admin. Chg.) dated 1/15/2026.</p> <p>Added:</p>

		<p>DOE Order 475.3, Management of the Department of Energy Intelligence Enterprise, dated 2/23/2026.</p> <p>Explanation: Per DOE Directive process.</p>
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C. All other Terms and Conditions remain unchanged.

END OF MODIFICATION

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. John Hill
Deputy Director for Science and Technology	Interim – Dr. Martin Schoonen
Deputy Director for Operations	Ms. Ann M. Emrick
Associate Laboratory Director for Energy Sciences	Dr. James Misewich
Associate Laboratory Director for Nuclear & Particle Physics	Dr. Abhay Deshpande
Associate Laboratory Director for Environmental Safety & Health	Ms. Sharon Kohler
Associate Laboratory Director and Project Director for Electron-Ion Collider (EIC)	Mr. James H. Yeck

APPENDIX G

PURCHASING SYSTEM REQUIREMENTS

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

Purchasing System Requirements

This Appendix and Section I Clause entitled “DEAR 970.5244-1 – Contractor Purchasing System” sets forth DOE requirements applicable to the Purchasing System established under the contract for the management of Brookhaven National Laboratory (BNL).

Subcontracts Not Binding on DOE

As used herein, the term “subcontracts” includes subcontracts, purchase orders, letter agreements, basic ordering agreements, consultant agreements, micro-purchases, EDI and other electronic contracting transactions, and lower tier subcontracts under cost-type subcontracts (in an unbroken cost-type chain) that represent costs properly chargeable to the Prime Contract.

All applicable subcontracts made in the name of the BNL M&O Contractor shall not bind or purport to bind the Government, shall not relieve the Contractor of any obligation under the Prime Contract (including, among other things, the obligation to properly supervise and coordinate the work of subcontractors), and shall contain such provisions as are required by this contract or as DOE may prescribe based on Federal statutes and regulations, or DOE Orders and Policies.

DOE Approval

Prior DOE written approval is required for the following actions:

1. Laboratory Acquisition Plans, Solicitations, and Awards of any subcontract having a value of \$50,000,000.00 or greater, or any subcontract modification which will cause the value to exceed \$50,000,000.00;
2. Except as otherwise expressly provided or directed, in writing, by DOE Patent Counsel with notification to the Contracting Officer, actions which involve any one of, or combination of, the following intellectual property matters:
 - a. Acquisition of software by negotiated lease or license;
 - b. Purchase of patents or patent license rights, including the payment of royalties and permits, or license fees;
 - c. Recognition of proprietary rights, including the recognition of technical data as trade secrets; or,
 - d. Any restriction of DOE’s use of data procured under a subcontract.
3. All Inter-Contractor Purchases (ICP’s) regardless of dollar value.

4. All new, additions, modifications or deletions of Laboratory Procurement Policies and Procedures shall be submitted to DOE for approval prior to implementation.

The above approval requirements do not eliminate any other requirement for review, concurrence, or approval of other proposed actions specified in the subject contract or DOE's right to require consent on any single or class of purchasing actions selected for special surveillance.

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
9/4/2008	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
3/31/2026	Order	142.3C		Unclassified Foreign National Access Program
12/21/2021	Order	150.1B		Continuity Programs
10/28/2024	Order	151.1E		Comprehensive Emergency Management System
11/17/2022	Order	153.1A		Departmental Nuclear Emergency Support Team Capabilities
12/23/2008	Order	200.1A	Chg.2 (LtdChg) 8/11/2023	Information Technology Management
12/29/2025	Policy	203.1		Use of Generative Artificial Intelligence
4/30/2024	Order	205.1D		Department of Energy Cybersecurity Program
1/19/2024	Order	206.1A		Department of Energy Privacy Program
2/19/2013	Order	206.2	Chg. 2 (LtdChg) 10/28/2024	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. 2 (Admin Chg.) 1/15/2026	Independent Oversight Program
6/27/2011	Order	231.1B	Chg. 1 (Admin Chg.) 11/29/2012	Environment, Safety and Health Reporting

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1/17/2017	Order	232.2A	Chg.1 (Minor Chg.) 10/04/2019	Occurrence Reporting and Processing of Operations Information
10/28/2024	Order	241.1C		Scientific and Technical Information Management
2/7/2022	Order	243.1C		Records Management Program
2/23/2011	Order	252.1A	Chg. 2 (Admin Chg.) 9/30/2024	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
7/24/2025	Policy	411.2C		DOE Scientific Integrity Policy
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. 7 (LtdChg.) 6/21/2023	Program and Project Management for the Acquisition of Capital Assets

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ISSUED	TYPE	NUMBER	THROUGH CHANGE	TITLE Includes Compliance Notes as Necessary
12/18/2024	Order	414.1E		Quality Assurance
12/3/2012	Order	415.1	Chg. 2 (Minor Chg.) 1/17/2017	Information Technology Project Management
12/4/2012	Order	420.1C	Chg.3 (LtdChg.) 11/14/2019	Facility Safety Compliance Note: CRD Chapters 1, 3, and 5 are applicable only to Hazard Category 1, 2, or 3 nuclear facilities. The requirements of DOE O 420. 1C Chg. 2 CRD Chapters 2 (Fire Protection) and 4 (Natural Phenomena Hazards Mitigation) apply to all facilities.
9/9/2022	Order	420.2D		Safety of Accelerators
6/29/2010	Order	422.1	Chg. 4 (LtdChg.) 2/3/2022	Conduct of Operations
4/16/2010	Order	425.1D	Chg 2 (MinChg) 10/04/2019	Verification of Readiness to Start Up or Restart Nuclear Facilities Compliance Note: Order is only applicable to Hazard Category 1, 2, or 3 nuclear facilities.
1/29/2024	Order	426.2A	Chg 1 (Admin Chg) 5/30/2024	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities Compliance Note: Order is only applicable to Hazard Category 1, 2, or 3 nuclear facilities.
4/21/2010	Order	433.1B	Chg 1 (Admin Chg) 3/12/2013	Maintenance Management Program for DOE Nuclear Facilities Compliance Note: Order is only applicable to Hazard Category 1, 2, or 3 nuclear facilities.
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. 2 (Admin Chg.) 1/11/2021	Radioactive Waste Management
7/9/1999	Manual	435.1-1	Chg. 3 (LtdChg.) 1/11/2021	Radioactive Waste Management Manual
9/23/2024	Order	437.1A		Bridge and Tunnel Management

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6/15/2011	Order	440.2C	Chg. 3 (LtdChg.) 3/21/2023	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	Chg. 1 (LtdChg.) 11/23/2024	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. 5 (Admin Chg.) 01/30/2025	Radiation Protection of the Public and the Environment
12/20/2016	Order	460.1D	Chg. 1 (LtdChg.) 6/10/2022	Hazardous Materials Packaging and Transportation Safety
6/10/2022	Order	460.2B		Departmental Materials Transportation Management
12/18/2024	Order	470.1A		Safeguards and Security Program Operations Management
11/23/2016	Order	470.3C	Chg. 2 (LtdChg.) 2/23/2024	Design Basis Threat (DBT)
12/18/2024	Order	470.4C		Safeguards and Security Planning
12/6/2024	Order	470.5A		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

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ISSUED	TYPE	NUMBER	THROUGH CHANGE	TITLE Includes Compliance Notes as Necessary
6/20/2011	Order	471.6	Chg. 4 (LtdChg.) 8/22/2023	Information Security
2/3/2022	Order	471.7		Controlled Unclassified Information
6/10/2022	Order	472.2A	Chg. 1 (LtdChg) 10/28/2024	Personnel Security
8/30/2021	Order	473.1A		Physical Protection Program
8/30/2021	Order	473.2A		Protection Force Operations
2/7/2023	Order	474.2A	Chg. 1 (Admin Chg.) 04/16/2024	Nuclear Material Control and Accountability
12/10/2004	Order	475.1		Counterintelligence Program
10/3/2014	Order	475.2B		Identifying Classified Information
2/23/2026	Order	475.3		Management of the Department of Energy Intelligence Enterprise
12/20/2018	Order	481.1E	Chg. 2 (LtdChg.) 10/28/2024	Strategic Partnership Projects [Formerly Known as Work for Others (Non-Department of Energy Funded Work)]
12/20/2016	Order	483.1B	Chg. 3 (MinChg.) 10/28/2024	DOE Cooperative Research and Development Agreements
8/17/2006	Order	484.1	Chg. 4 (LtdChg.) 1028/2024	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
1/7/2021	Order	520.1B	Chg. 2 (LtdChg) 12/18/2024	Financial Management and Chief Financial Officer Responsibilities
8/2/2018	Order	522.1A	Chg. 1 (LtdChg.) 10/28/2024	Pricing of Departmental Materials and Services
5/2/2019	Order	550.1	Chg. 1 (LtdChg.) 12/13/2019	Official Travel