

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE

PAGE OF PAGES  
1 | 2

2. AMENDMENT/MODIFICATION NO. <b>M212</b>		3. EFFECTIVE DATE <b>See block 16C</b>		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy Brookhaven Site Office 53 Bell Avenue, Building 464 Upton, NY 11974-5000		CODE		7. ADMINISTERED BY (If other than Item 6) Code			
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) Brookhaven Science Associates, LLC 25 Brookhaven Avenue Building 460 Upton, New York 11973-5000				<input checked="" type="checkbox"/> 9.A. AMENDMENT OF SOLICITATION NO.  <input type="checkbox"/> 9.B. DATED (SEE ITEM 11)  <input checked="" type="checkbox"/> 10.A. MODIFICATION OF Contract/Order NO. <b>DE-AC02-98CH10886</b> <input type="checkbox"/> 10.B. DATED (SEE ITEM 13) <b>01/05/1998</b>			
CODE N/A		FACILITY CODE N/A					

**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 telegram 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 telegram or letter, provided each telegram or letter 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)

All required accounting and appropriations data are included in the attached financial worksheet and Section C.6 of the contract.



13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<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 NO. 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 date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) <b>Mutual agreement of the parties</b>

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 heading, including solicitation/contract subject matter where feasible.)

This Modification is issued to update Section J.5, Appendix I, DOE Directives.

15A. NAME AND TITLE OF SIGNER (Type or print) <b>Michael Goldman</b> Secretary and General Counsel		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Evelyn Landini</b> Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED <b>8/6/09</b>	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED <b>8/07/09</b>
 (Signature of person authorized to sign)		BY  (Signature of Contracting Officer)	

Said contract, as modified previously, is hereby further modified as follows:

1. **Attachment J.9, Appendix I – DOE Directives:** The DOE Directives list identified as Modification M196 is deleted in its entirety and replaced with the attached Appendix I, identified as Modification M212 which is updated as follows:
  - a) Order 200.1A – INFORMATION TECHNOLOGY MANAGEMENT – added. Cancels Order 200.1.
  - b) Manual 205.1-6 - MEDIA SANITIZATION MANUAL - added
  - c) Manual 205.1-7 - SECURITY CONTROLS FOR UNCLASSIFIED INFORMATION SYSTEMS – added
  - d) Manual 205.1-8 – CYBER SECURITY INCIDENT MANAGEMENT MANUAL - added
  - e) Notice 251.76 - EXTENSION OF DOE N 234.1, REPORTING OF RADIOACTIVE SEALED SOURCES - added
  - f) Policy 434.1 CONDUCT AND APPROVAL OF SELECT AGENT AND TOXIN WORK AT DEPARTMENT OF ENERGY SITES - added
  - g) Manual 470.4-3A - CONTRACTOR PROTECTIVE FORCE – added. Partially deletes Manual 470.4-3 Change 1.
  - h) Manual 470.4-4A - INFORMATION SECURITY MANUAL – added. Partially deletes Manual 470.4-4 Change 1.

**Attachments:**

Section J, Attachment J.9, Appendix I - DOE Directives

**U.S. Department of Energy**  
**and**  
**Brookhaven Science Associates, LLC**

***ATTACHMENT J.9***

**APPENDIX I**  
**DOE DIRECTIVES/LIST B**

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

**Contract No. DE-AC02-98CH10886**  
**Modification No. M212**

Appendix I  
Modification No. M212  
Supplemental Agreement to  
Contract No. DE-AC02-98CH10886

## **APPENDIX I**

### **DOE DIRECTIVES**

There is no List A to this Appendix.

List B to this Appendix contains two parts as follows:

Part I: "Directives List"

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

Part II: "Partial Deletions of Directives"

This section contains a list of Directives that were accepted and implemented by the previous contractor but have subsequently been revised by DOE to remove certain sections.

**Appendix I - Part I**

**CRD=Contractor Requirements Document**

<b>DIRECTIVES LIST</b>		
<b>DATE</b>	<b>DOE DIRECTIVE NUMBER</b>	<b>SUBJECT TITLE</b>
2/26/01	N 153.1	CONNECTIVITY TO ATMOSPHERIC RELEASE ADVISORY CAPABILITY
8/11/03	N 153.2	CRD - CONNECTIVITY TO NATIONAL ATMOSPHERIC RELEASE ADVISORY CENTER (NARAC)
10/02/00	N 203.1	CRD - SOFTWARE QUALITY ASSURANCE
11/1/99	N 205.2	CRD - FOREIGN NATIONAL ACCESS TO DOE CYBER SYSTEMS (Extended until 8/12/05 by DOE N 205.14 dated 8/12/04) (Extended until 9/30/06 by DOE N 205.16 dated 9/15/05)
11/23/99	N 205.3	CRD - PASSWORD GENERATION, PROTECTION, AND USE (Extended until 8/12/05 by DOE N 205.14 dated 8/12/04) (Extended until 9/30/06 by DOE N 205.16 dated 9/15/05)
2/11/04	N 205.8	CRD - CYBER SECURITY REQUIREMENTS FOR WIRELESS DEVICES AND INFORMATION SYSTEMS (Extended until 03/18/06 by DOE N 205.15 dated 3/18/05)
2/19/04	N 205.9	CRD - CERTIFICATION AND ACCREDITATION PROCESS FOR INFORMATION SYSTEMS INCLUDING NATIONAL SECURITY SYSTEMS (Extended until 03/18/06 by DOE N 205.15 dated 3/18/05)
2/19/04	N 205.10	CRD - CYBER SECURITY REQUIREMENTS FOR RISK MANAGEMENT (Extended until 03/18/06 by DOE N 205.15 dated 3/18/05)
2/19/04	N 205.11	CRD - SECURITY REQUIREMENTS FOR REMOTE ACCESS TO DOE AND APPLICABLE CONTRACTOR INFORMATION TECHNOLOGY SYSTEMS (Extended until 03/18/06 by DOE N 205.15 dated 3/18/05)
8/12/04	N 205.14	EXTENSION OF DOE DIRECTIVES (N 205.2 and N 205.3)
3/18/05	N 205.15	EXTENSION OF DOE DIRECTIVES - NOTICES 205.8, 205.9, 205.10, 205.11, 205.12
9/15/05	N 205.16	EXTENSION OF DOE DIRECTIVES (N 205.2 and N 205.3)
6/29/07	N 206.4	CRD - PERSONAL IDENTITY VERIFICATION
10/9/07	N 206.5	CRD - RESPONSE AND NOTIFICATION PROCEDURES FOR DATA BREACHES INVOLVING PERSONALLY IDENTIFIABLE INFORMATION
2/27/08	N 234.1	CRD - REPORTING OF RADIOACTIVE SEALED SOURCES (Extended to 02/27/10 or until superseded, by DOE N 251.76 dated 06/09/09)
7/7/05	N 251.64	EXTENSION OF DOE DIRECTIVES (O 471.1A, M 471.1-1 Change1, M 472.1-1B, O 473.2, and N 473.9)
6/9/09	N 251.76	EXTENSION OF DOE N 234.1, REPORTING OF RADIOACTIVE SEALED SOURCES
1/25/07	O 110.3A	CRD - CONFERENCE MANAGEMENT
9/29/95	O 130.1	CRD - BUDGET FORMULATION PROCESS
1/13/04	O 142.1	CRD - CLASSIFIED VISITS INVOLVING FOREIGN NATIONALS
9/4/08	M 142.2-1	CRD - MANUAL FOR IMPLEMENTATION OF THE VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY

<b>DIRECTIVES LIST</b>		
<b>DATE</b>	<b>DOE DIRECTIVE NUMBER</b>	<b>SUBJECT TITLE</b>
12/15/06	O 142.2A	CRD – VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY
6/18/04 2/28/08	O 142.3 Change 1	CRD – UNCLASSIFIED FOREIGN VISITS AND ASSIGNMENTS PROGRAM
5/8/08	O 150.1	CRD – CONTINUITY PROGRAMS
11/2/05	O 151.1C	CRD - COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM
6/27/07	O 153.1	CRD - DEPARTMENTAL RADIOLOGICAL EMERGENCY RESPONSE ASSETS
12/23/08	O 200.1A	CRD – INFORMATION TECHNOLOGY MANAGEMENT
1/7/05	O 203.1	LIMITED PERSONAL USE OF GOVERNMENT OFFICE EQUIPMENT INCLUDING INFORMATION TECHNOLOGY
12/4/06	O 205.1A	CRD – DEPARTMENT OF ENERGY CYBER SECURITY MANAGEMENT
4/17/06	M 205.1-3	TELECOMMUNICATIONS SECURITY MANUAL
3/8/07	M 205.1-4	CRD – NATIONAL SECURITY SYSTEM MANUAL
12/23/08	M 205.1-6	CRD – MEDIA SANITIZATION MANUAL
1/05/09	M 205.1-7	CRD – SECURITY CONTROLS FOR UNCLASSIFIED INFORMATION SYSTEMS
1/8/09	M 205.1-8	CRD – CYBER SECURITY INCIDENT MANAGEMENT MANUAL
6/12/06	O 210.2	CRD – DOE CORPORATE OPERATING EXPERIENCE PROGRAM
4/19/08	O 221.1A	CRD - REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE OF INSPECTOR GENERAL
2/25/08	O 221.2A	CRD - COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL
11/26/97	O 225.1A	CRD - TYPE A AND B ACCIDENT INVESTIGATIONS
7/31/07	O 226.1A	CRD – IMPLEMENTATION OF DEPARTMENT OF ENERGY OVERSIGHT POLICY
3/19/04 9/9/04 6/12/07	M 231.1-1A Change 1 Change 2	CRD - ENVIRONMENT, SAFETY, AND HEALTH REPORTING MANUAL
8/19/03	M 231.1-2	CRD - OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION
4/9/01 10/14/03	O 241.1A Change 1	CRD - SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT
2/3/06	O 243.1	CRD - RECORDS MANAGEMENT PROGRAM
2/2/06	O 243.2	CRD - VITAL RECORDS
8/16/06	O 251.1B	CRD - DEPARTMENTAL DIRECTIVES PROGRAM
8/16/06	M 251.1-1B	CRD - DEPARTMENTAL DIRECTIVES PROGRAM MANUAL
11/19/99	O 252.1	CRD - TECHNICAL STANDARDS PROGRAM

<b>DIRECTIVES LIST</b>		
<b>DATE</b>	<b>DOE DIRECTIVE NUMBER</b>	<b>SUBJECT TITLE</b>
10/18/07	O 341.1A Parts: 1.a., 1.b., 2.a., 2.a.(1), 2.a.(2), 2.a.(3), 2.a.(4)(a), 2.a.(4)(b), 2.a.(4)(d), 2.a.(4)(f), 2.a.(4)(g) and 2.a.(4)(h)	CRD - FEDERAL EMPLOYEE HEALTH SERVICES
9/30/96 5/8/98	O 350.1 Change 1	CRD - CONTRACTOR HUMAN RESOURCE MANAGEMENT PROGRAMS CRD - EMPLOYEE BENEFITS
10/29/03	O 350.2A	CRD - USE OF MANAGEMENT AND OPERATING OR OTHER FACILITY MANAGEMENT CONTRACTOR EMPLOYEES FOR SERVICES TO DOE IN THE WASHINGTON, D.C., AREA
4/21/05	O 412.1A	WORK AUTHORIZATION SYSTEM
10/28/08	O 413.1B	CRD – INTERNAL CONTROL PROGRAM
4/19/06	O 413.2B	CRD - LABORATORY DIRECTED RESEARCH AND DEVELOPMENT
7/28/06	O 413.3A	CRD - PROGRAM AND PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS
03/28/03	M 413.3-1*	PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS
6/17/05	O 414.1C	CRD – QUALITY ASSURANCE
12/22/05	O 420.1B	CRD – FACILITY SAFETY
7/23/04	O 420.2B	CRD - SAFETY OF ACCELERATOR FACILITIES
3/13/03	O 425.1C	CRD - STARTUP AND RESTART OF NUCLEAR FACILITIES
09/24/03 2/8/08	O 430.1B Change 1	CRD – REAL PROPERTY ASSET MANAGEMENT
2/27/08	O 430.2B	CRD - DEPARTMENTAL ENERGY, RENEWABLE ENERGY AND TRANSPORTATION MANAGEMENT
2/13/07	O 433.1A	CRD - MAINTENANCE MANAGEMENT PROGRAM FOR DOE NUCLEAR FACILITIES
7/9/99 8/28/01	O 435.1 Change 1	CRD - RADIOACTIVE WASTE MANAGEMENT
7/9/99 6/19/01	M 435.1-1 Change 1	RADIOACTIVE WASTE MANAGEMENT MANUAL
11/27/02 11/19/06	O 440.2B Change 1	CRD - AVIATION MANAGEMENT AND SAFETY
3/7/08	M 441.1-1	CRD - NUCLEAR MATERIAL PACKAGING MANUAL
6/6/01	O 442.1A	CRD - DEPARTMENT OF ENERGY EMPLOYEE CONCERNS PRG.
11/16/06	M 442.1-1	CRD - DIFFERING PROFESSIONAL OPINIONS MANUAL FOR TECHNICAL ISSUES INVOLVING ENVIRONMENT, SAFETY, AND HEALTH

<b>DIRECTIVES LIST</b>		
<b>DATE</b>	<b>DOE DIRECTIVE NUMBER</b>	<b>SUBJECT TITLE</b>
12/20/07	O 443.1A	CRD – PROTECTION OF HUMAN SUBJECTS
6/4/08	O 450.1A	CRD – ENVIRONMENTAL PROTECTION PROGRAM
11/1/06	M 450.4-1	INTEGRATED SAFETY MANAGEMENT SYSTEM MANUAL
1/5/09	O 456.1	CRD – SAFE HANDLING OF UNBOUND ENGINEERED NANOPARTICLES
4/4/03	O 460.1B	CRD - PACKAGING AND TRANSPORTATION SAFETY
12/22/04	O 460.2A	CRD - DEPARTMENTAL MATERIALS TRANSPORTATION AND PACKAGING MANAGEMENT
6/4/08	M 460.2-1A	RADIOACTIVE MATERIAL TRANSPORTATION PRACTICES MANUAL
10/31/02	O 470.2B	CRD - INDEPENDENT OVERSIGHT AND PERFORMANCE ASSURANCE PROGRAM
8/12/08	O 470.3B	GRADED SECURITY PROTECTION (GPS) POLICY
8/26/05 3/7/06	M 470.4-1 Change 1	CRD – SAFEGUARDS AND SECURITY PROGRAM PLANNING & MANAGEMENT
8/26/05 3/7/06	M 470.4-2 Change 1	CRD – PHYSICAL PROTECTION
8/26/05 3/7/06	M 470.4-3 Change 1*	CRD – PROTECTIVE FORCE
11/5/08	M 470.4-3A	CRD – CONTRACTOR PROTECTIVE FORCE MANUAL
8/26/05 6/29/07	M470.4-4* Change 1	CRD – INFORMATION SECURITY
1/16/09	M 470.4-4A	CRD – INFORMATION SECURITY MANUAL
8/26/05	M 470.4-5	CRD – PERSONNEL SECURITY
8/26/05 8/14/06	M 470.4-6 Change 1	CRD – NUCLEAR MATERIAL CONTROL AND ACCOUNTABILITY
6/30/00	O 471.1A	CRD - IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION (Extended until 06/30/05 by DOE N 251.58 dated 7/6/04) (Extended until 07/7/06 by DOE N 251.64 dated 7/7/05)
6/30/00 10/23/01	M 471.1-1 Change 1	IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION MANUAL (Extended until 06/30/05 by DOE N 251.58 dated 7/6/04) (Extended until 07/7/06 by DOE N 251.64 dated 7/7/05)
4/9/03	O 471.3	CRD - IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION
4/9/03	M 471.3-1	CRD - MANUAL FOR IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION
8/28/07	M 475.1-1B	CRD – MANUAL FOR IDENTIFYING CLASSIFIED INFORMATION
12/10/04	O 475.1	COUNTERINTELLIGENCE PROGRAM

\*See Part II, Partial Deletions

DIRECTIVES LIST		
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE
8/28/07	O 475.2	CRD – IDENTIFYING CLASSIFIED INFORMATION
1/03/01 9/28/01	M 481.1-1A Change 1	REIMBURSABLE WORK FOR NON-FEDERAL SPONSORED PROCESS MANUAL
1/12/01	O 482.1	CRD - DOE FACILITIES TECHNOLOGY PARTNERING PROGRAMS
1/12/01	O 483.1	CRD - DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS
1/12/01	M 483.1-1	DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS
8/17/06	O 484.1	CRD - Reimbursable Work for the Department of Homeland Security
11/3/04	O 522.1	CRD - PRICING OF DEPARTMENTAL MATERIALS AND SERVICES
1/6/03	O 534.1B	CRD – ACCOUNTING
6/24/08	O 551.1C	CRD - OFFICIAL FOREIGN TRAVEL
12/7/05 5/8/08	O 580.1 Change 1	CRD – DEPARTMENT OF ENERGY PROPERTY MANAGEMENT PROGRAM
5/2/01	P 141.1	DEPARTMENT OF ENERGY MANAGEMENT OF CULTURAL RESOURCES
5/8/01	P 205.1	DEPARTMENTAL CYBER SECURITY MANAGEMENT POLICY
6/10/00	P 413.1	PROGRAM AND PROJECT MANAGEMENT POLICY FOR THE PLANNING, PROGRAMMING, BUDGETING, AND ACQUISITION OF CAPITAL ASSETS
6/5/09	P 434.1	CONDUCT AND APPROVAL OF SELECT AGENT AND TOXIN WORK AT DEPARTMENT OF ENERGY SITES
8/2/04	P 450.7	DOE ENVIRONMENT, SAFETY AND HEALTH GOALS
7/15/03	P 455.1	USE OF RISK-BASED END STATES
9/15/05	P 456.1	SECRETARIAL POLICY STATEMENT ON NANOSCALE SAFETY
5/08/01	P 470.1	INTEGRATED SAFEGUARDS AND SECURITY MANAGEMENT POLICY
5/20/02	P 580.1	MANAGEMENT POLICY FOR PLANNING, PROGRAMMING, BUDGETING, OPERATION, MAINTENANCE AND DISPOSAL OF REAL PROPERTY
11/12/92	1450.4	CONSENSUAL LISTENING-IN TO OR RECORDING TELEPHONE/RADIO CONVERSATIONS
2/8/90 6/5/90 1/7/93	5400.5* Change 1 Change 2	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT
7/9/90 5/18/92 10/23/01	5480.19 Change 1 Change 2	CONDUCT OF OPERATIONS REQUIREMENTS FOR DOE FACILITIES
11/15/94 7/12/01	5480.20A Change 1	PERSONNEL SELECTION, QUALIFICATION AND TRAINING REQUIREMENTS FOR DOE NUCLEAR FACILITIES
8/1/80	5610.2	CONTROL OF WEAPON DATA
5/26/94	5660.1B	MANAGEMENT OF NUCLEAR MATERIALS

**Appendix I - Part II**

<b>PARTIAL DELETIONS OF DIRECTIVES</b>				
<b>DATE</b>	<b>DOE DIRECTIVE NUMBER</b>	<b>SUBJECT TITLE</b>	<b>DELETION DIRECTIVE DATE</b>	<b>SECTIONS DELETED</b>
03/28/03	M 413.3-1	PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS	O 413.3A 7/28/06	Chapters 1 through 3
8/26/05 3/7/06	M 470.4-3 Change 1	CRD – PROTECTIVE FORCE	M 470.4-3A 11/03/08	CRD (Attach 2) only, all except for Section C
8/26/05 6/29/07	M470.4-4 Change 1	INFORMATION SECURITY	M470.4-4A 1/16/09	All Except Section E which is retained as Section D of M470.4-4A
2/8/90 6/5/90 1/7/93	5400.5 Change 1 Change 2	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT	O 231.1 9/30/95 Change 1 10/26/95	Chapter II: Para 1a(3) (a)