

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1	OF 3	PAGES 3
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2. AMENDMENT/MODIFICATION NO. M1229	3. EFFECTIVE DATE 8/14/2019	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
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6. ISSUED BY CODE U.S. Department of Energy Pacific Northwest Site Office Post Office Box 350 Richland, WA 99352	7. ADMINISTERED BY (If other than Item 6) CODE
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)  Battelle Memorial Institute Pacific Northwest Division Richland, Benton County, WA 99352 DUNS # 032987476	<input type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO.
	<input type="checkbox"/>	9B. DATED (SEE ITEM 11)
	<input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC05-76RL01830
	<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) December 30, 1964
CODE	FACILITY CODE	

11. THIS ITEM 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 DATE AND HOUR 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 amendment and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

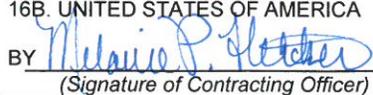
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS SET FORTH IN ITEM 14.

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.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF: The mutual agreement of the parties for work within the scope of the contract
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 2 copies to the issuing office.

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

This bilateral contract modification incorporates changes to Part III, Section J, List of Attachments, Appendix D. (See Continuation Pages for the purpose of this modification).

15A. NAME AND TITLE OF SIGNER (Type or print) Dana M. Storms Prime Contract Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Melanie P. Fletcher Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 08/14/2019	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 8/14/2019

## **1.0 Purpose of Modification:**

The Department of Energy (DOE), Office of Science (SC), Pacific Northwest Site Office (PNSO) is modifying Contract No. DE-AC05-76RL01830 (Contract) to update Section J to the most current form as described in this Modification. The Contract shall be amended as described in this Modification to accomplish the following:

1. Revise Part III, Section J, List of Attachments, Appendix D, List of DOE Applicable Directives & External Requirements to conform to the content provided in this modification.

## **2.0 Description of Modification:**

1. Revise Part III, Section J, Appendix D, List of Applicable DOE Directives & External Requirements as follows:

Add: CRD O 486.1, Department of Energy Foreign Talent Recruitment Programs

Add: CRD O 457.1A, Nuclear Counterterrorism (applies only to Facility Clearance 15002)

Replace: CRD O 205.1B, Chg. 3, Department of Energy Cyber Security Program

Replace With: CRD O 205.1C, Department of Energy Cyber Security Program

2. This modification results in no further changes to the Contract.

**(End of Contract Modification)**

**[M1229]**

**PART III – List of Documents,  
Exhibits and Other Attachments**

**Section J**

**Appendix D**

**List of Applicable DOE Directives & External Requirements**

**SECTION J  
APPENDIX D  
LIST OF APPLICABLE DOE DIRECTIVES & EXTERNAL REQUIREMENTS**

<b>DOE DIRECTIVES</b>	
<b>DIRECTIVE NO.</b>	<b>DIRECTIVE TITLE</b>
CRD O 130.1	BUDGET FORMULATION
CRD O 140.1	INTERFACE WITH THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD
CRD O 142.2A, Admin Chg. 1	VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY
CRD M 142-2-1, Admin Chg. 1	MANUAL FOR IMPLEMENTATION OF THE VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY
CRD O 142.3A, Chg. 1	UNCLASSIFIED FOREIGN VISITS AND ASSIGNMENTS PROGRAM
CRD O 144.1, Admin Chg. 1	DEPARTMENT OF ENERGY AMERICAN INDIAN TRIBAL GOVERNMENT INTERACTIONS AND POLICY
CRD O 150.1A	CONTINUITY OF PROGRAMS
CRD O 151.1D	COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM
CRD O 200.1A, Chg. 1	INFORMATION TECHNOLOGY MANAGEMENT
CRD O 205.1C	DEPARTMENT OF ENERGY CYBER SECURITY PROGRAM
CRD O 206.1	DEPARTMENT OF ENERGY PRIVACY PROGRAM
CRD O 206.2	PERSONAL IDENTITY VERIFICATION
CRD O 210.2A	DOE CORPORATE OPERATING EXPERIENCE PROGRAM
CRD O 221.1B	REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE OF INSPECTOR GENERAL
CRD O 221.2A	COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL
CRD O 225.1B	ACCIDENT INVESTIGATIONS
CRD O 227.1A	INDEPENDENT OVERSIGHT PROGRAM
CRD O 231.1B, Admin Chg. 1	ENVIRONMENT, SAFETY AND HEALTH REPORTING
CRD O 232.2A	OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION
CRD O 241.1B, Chg. 1	SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT
CRD O 243.1B, Admin Chg. 1	RECORDS MANAGEMENT PROGRAM
CRD O 252.1A, Admin Chg. 1	TECHNICAL STANDARDS PROGRAM
CRD O 313.1	MANAGEMENT AND FUNDING OF THE DEPARTMENT'S OVERSEAS PRESENCE
CRD O 410.2, Admin Chg. 1	MANAGEMENT OF NUCLEAR MATERIALS
CRD O 411.2	SCIENTIFIC INTEGRITY
CRD O 413.1B	INTERNAL CONTROL PROGRAM
CRD O 413.2C, Chg. 1	LABORATORY DIRECTED RESEARCH AND DEVELOPMENT

<b>DOE DIRECTIVES</b>	
<b>DIRECTIVE NO.</b>	<b>DIRECTIVE TITLE</b>
CRD O 413.3B, Chg. 5 (Min. Chg.)	PROGRAM AND PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS
CRD O 414.1D, Admin Chg. 1	QUALITY ASSURANCE
CRD O 415.1, Chg. 2	INFORMATION TECHNOLOGY PROJECT MANAGEMENT
CRD O 420.1C, Chg. 2	FACILITY SAFETY
CRD O 420.2C	SAFETY OF ACCELERATOR FACILITIES
CRD O 422.1, Chg. 2	CONDUCT OF OPERATIONS
CRD O 425.1D, Admin Chg. 1	VERIFICATION OF READINESS TO STARTUP OR RESTART NUCLEAR FACILITIES
CRD O 426.2, Admin Chg. 1	PERSONNEL SELECTION, TRAINING, QUALIFICATION, AND CERTIFICATION REQUIREMENTS FOR DOE NUCLEAR FACILITIES
CRD O 433.1B, Admin Chg. 1	MAINTENANCE MANAGEMENT PROGRAM FOR DOE NUCLEAR FACILITIES
CRD O 435.1, Chg. 1	RADIOACTIVE WASTE MANAGEMENT
DOE M 435.1-1, Admin Chg. 2	RADIOACTIVE WASTE MANAGEMENT MANUAL
CRD O 440.2C, Chg. 1	AVIATION MANAGEMENT AND SAFETY
CRD M 441.1-1, Chg. 1	NUCLEAR MATERIAL PACKAGING MANUAL
CRD O 442.1B	DEPARTMENT OF ENERGY EMPLOYEE CONCERNS PROGRAM
CRD O 442.2, Admin Chg. 1 (Pg. Chg.)	DIFFERING PROFESSIONAL OPINIONS FOR TECHNICAL ISSUES INVOLVING ENVIRONMENT, SAFETY AND HEALTH
CRD O 443.1B, Chg. 1	PROTECTION OF HUMAN SUBJECTS
CRD N 443.1	PROTECTION OF HUMAN SUBJECTS IN CLASSIFIED RESEARCH
CRD O 452.8	CONTROL OF NUCLEAR WEAPON DATA
CRD O 456.1A	THE SAFE HANDLING OF UNBOUND ENGINEERED NANOPARTICLES
CRD O 457.1A	NUCLEAR COUNTERTERRORISM (applies <u>only</u> to Facility Clearance 15002)
CRD O 458.1, Chg. 3*	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT
CRD O 460.1D	HAZARDOUS MATERIALS PACKAGING AND TRANSPORTATION SAFETY
CRD M 460.2-1A	RADIOACTIVE MATERIAL TRANSPORTATION PRACTICES MANUAL
CRD O 460.2A	DEPARTMENTAL MATERIALS TRANSPORTATION AND PACKAGING MANAGEMENT
CRD O 461.1C	PACKAGING AND TRANSFER FOR OFFSITE SHIPMENT OF MATERIALS OF NATIONAL SECURITY INTEREST
DOE O 470.3C	DESIGN BASIS THREAT (DBT) ORDER
CRD O 470.4B, Admin Chg. 2	SAFEGUARDS AND SECURITY PROGRAM
CRD O 470.5	INSIDER THREAT PROGRAM
CRD O 470.6, Chg. 1	TECHNICAL SECURITY PROGRAM
CRD O 471.1B	IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION
CRD O 471.3, Chg. 1	IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION

<b>DOE DIRECTIVES</b>	
<b>DIRECTIVE NO.</b>	<b>DIRECTIVE TITLE</b>
CRD M 471.3-1, Chg. 1	MANUAL FOR IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION
CRD O 471.6, Admin Chg. 2	INFORMATION SECURITY
CRD O 472.2, Chg. 1	PERSONNEL SECURITY
CRD O 473.3A, Chg. 1 (MinChg)	PROTECTION PROGRAM OPERATIONS
CRD O 474.2, Admin Chg.4	NUCLEAR MATERIAL CONTROL AND ACCOUNTABILITY
CRD O 475.1	COUNTERINTELLIGENCE PROGRAM
CRD O 475.2B	IDENTIFYING CLASSIFIED INFORMATION
CRD O 483.1B, Chg. 1	DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS
CRD O 484.1, Chg. 2 (Admin Chg.)	REIMBURSABLE WORK FOR THE DEPARTMENT OF HOMELAND SECURITY
CRD O 486.1	DEPARTMENT OF ENERGY FOREIGN RECRUITMENT TALENT PROGRAMS
CRD O 522.1A	PRICING OF DEPARTMENTAL MATERIALS AND SERVICES
CRD O 534.1B	ACCOUNTING
CRD O 551.1D, Chg. 2	OFFICIAL FOREIGN TRAVEL
DOE O 5639.8A	SECURITY OF FOREIGN INTELLIGENCE INFORMATION AND SENSITIVE COMPARTMENTED INFORMATION FACILITIES
DOE/RL-94-02, Rev. 5	HANFORD EMERGENCY MANAGEMENT PLAN- APPLICABLE TO PNNL-MANAGED FACILITIES AND ACTIVITIES ON THE HANFORD SITE
DOE/RL-2001-36	HANFORD SITE TRANSPORTATION SAFETY DOCUMENT, REV.2

\* The Contractor’s responsibility to implement CRD O 458.1, Chg. 3 “Radiation Protection of the Public and the Environment” is limited to paragraphs 2.d., 2.g., and 2.k.