

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE <b>1</b>	OF	PAGES <b>3</b>
2. AMENDMENT/MODIFICATION NO. <b>M688</b>		3. EFFECTIVE DATE (M/D/Y) <b>See Block 16C</b>	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY <b>U.S. Department of Energy Pacific Northwest Site Office Post Office Box 350 Richland, WA 99352</b>		7. ADMINISTERED BY (If other than Item 6)	CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code) <b>Battelle Memorial Institute Pacific Northwest Division Richland, Benton County, WA 99352 DUNS # 032987476</b>		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ ORDER NO. <b>DE-AC05-76RL01830</b>	
				10B. DATED (SEE ITEM 13) <b>December 30, 1964</b>	

**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.**

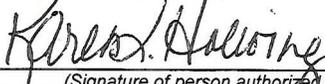
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES (such as changes 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
<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. (See Continuation Pages for the purpose and description of this modification)

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) <b>Karen L. Hoewing, General Counsel</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Ryan M. Kilbury Contracting Officer</b>	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED <b>9-8-10</b>	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED <b>9-9-10</b>

**Block 14 "DESCRIPTION OF AMENDMENT/MODIFICATION," continued.****Purpose of Modification:**

The purpose of this contract modification is to revise Sections J of the Contract to update the Contract to include changes to revise and replace directives in the contract. The following changes are described below:

Revise Part III, Section J – Appendix D, List of Applicable Directives to update Appendix D to its most current form.

**Description of Modification:**

The following changes are hereby incorporated into the Contract:

1. Part III, Section J – List of Attachments, Appendix D – List of Applicable DOE Directives, the following changes are made:

**Delete:**

DOE M 471.1-1, "Identification and Protection of Unclassified Controlled Nuclear Information Manual"

**Replace:**

CRD O 420.1B,	"Facility Safety"
CRD O 425.1C***,	"Startup and Restart of Nuclear Facilities"
CRD O 433.1A***,	"Maintenance Management Program for DOE Nuclear Facilities"
CRD O 460.1B,	"Packaging and Transportation Safety"
CRD O 471.1A,	"Identification and Protection of Unclassified Controlled Nuclear Information"
CRD O 5420.20A, Chg 1***	"Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities"
CRD O 5480.19, Chg 2***	"Conduct of Operations Requirements for DOE Facilities"
DOE/RL-94-02,	"Hanford Emergency Management Plan," Revision 3

**Replace with:**

CRD O 420.1B, Chg 1,	"Facility Safety"
CRD O 422.1,	"Conduct of Operations"
CRD O 425.1D,	"Verification of Readiness to Start Up or Restart Nuclear Facilities"
CRD O 426.2,	"Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities"
CRD O 433.1B,	"Maintenance Management Program for DOE Nuclear Facilities"
CRD O 460.1C,	"Packaging and Transportation Safety"
CRD O 471.1B,	"Identification and Protection of Unclassified Controlled Nuclear Information"
DOE/RL-94-02,	"Hanford Emergency Management Plan," Revision 4

\*\*\* Applies only to Hazard Category 1, 2, or 3 nuclear facilities. Footnote is removed in its entirety  
**[M688]**

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

**(End of Contract Modification M688)**

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**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 110.3A	CONFERENCE MANAGEMENT
CRD O 130.1	BUDGET FORMULATION
CRD M 140.1-1B	INTERFACE WITH THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD
CRD O 142.1	CLASSIFIED VISITS INVOLVING FOREIGN NATIONAL
CRD O 142.2A	VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY
CRD O 142.3, Chg 1	UNCLASSIFIED FOREIGN VISITS AND ASSIGNMENTS
CRD O 150.1	CONTINUITY OF PROGRAMS
CRD O 151.1C	COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM
CRD O 200.1	INFORMATION MANAGEMENT PROGRAM
CRD M 200.1-1	CHAPTER 9 PUBLIC KEY CRYPTOGRAPHY AND KEY MANAGEMENT
CRD O 205.1A	DEPARTMENT OF ENERGY CYBER SECURITY MANAGEMENT PROGRAM
CRD M 205.1-3	TELECOMMUNICATIONS SECURITY MANUAL
CRD M 205.1-4	NATIONAL SECURITY MANUAL
CRD M 205.1-5	CYBER SECURITY PROCESS REQUIREMENTS MANUAL
CRD N 205.2	FOREIGN NATIONAL ACCESS TO DOE CYBER SYSTEMS
CRD N 205.3	PASSWORD GENERATION, PROTECTION, AND USE
CRD N 205.8	CYBER SECURITY REQUIREMENTS FOR WIRELESS DEVICES AND INFORMATION SYSTEMS
CRD N 205.9	CERTIFICATION AND ACCREDITATION PROCESS FOR INFORMATION SYSTEMS INCLUDING NATIONAL SECURITY SYSTEMS
CRD N 205.10	CYBER SECURITY REQUIREMENTS FOR RISK MANAGEMENT
CRD N 205.11	SECURITY REQUIREMENTS FOR REMOTE ACCESS TO DOE AND APPLICABLE CONTRACTOR INFORMATION TECHNOLOGY SYSTEMS
CRD N 206.4	PERSONAL IDENTITY VERIFICATION
CRD O 210.2	DOE CORPORATE OPERATING EXPERIENCE PROGRAM
CRD O 221.1	REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE OF INSPECTOR GENERAL
CRD O 221.2A	COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL
CRD M 231.1-2	OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION
CRD N 234.1	REPORTING OF RADIOACTIVE SEALED SOURCES (except exclusion 3c)
CRD O 241.1A, Chg 1	SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT
CRD O 243.1	RECORDS MANAGEMENT PROGRAM (except exclusion 3c)
CRD O 243.2	VITAL RECORDS (except exclusion 3c)
CRD O 251.1B	DIRECTIVES SYSTEM
CRD O 252.1	TECHNICAL STANDARDS PROGRAM
CRD O 350.2A	USE OF MANAGEMENT AND OPERATING OR OTHER FACILITY

<b>DOE DIRECTIVES</b>	
<b>DIRECTIVE NO.</b>	<b>DIRECTIVE TITLE</b>
	MANAGEMENT CONTRACTOR EMPLOYEES FOR SERVICES TO DOE IN THE WASHINGTON, D.C., AREA
CRD O 410.2	MANAGEMENT OF NUCLEAR MATERIALS
CRD O 412.1	WORK AUTHORIZATION SYSTEM
CRD O 413.1A	MANAGEMENT CONTROL PROGRAM
CRD O 413.2B	LABORATORY DIRECTED RESEARCH AND DEVELOPMENT
CRD O 413.3A, Chg. 1	PROGRAM AND PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS
CRD O 414.1C	QUALITY ASSURANCE
CRD O 420.1B, Chg. 1	FACILITY SAFETY
CRD O 420.2B	SAFETY OF ACCELERATOR FACILITIES
CRD O 422.1	CONDUCT OF OPERATIONS
CRD O 425.1D	VERIFICATION OF READINESS TO STARTUP OR RESTART NUCLEAR FACILITIES
CRD O 426.2	PERSONNEL SELECTION, TRAINING, QUALIFICATION, AND CERTIFICATION REQUIREMENTS FOR DOE NUCLEAR FACILITIES
CRD O 430.1B, Chg 1	REAL PROPERTY ASSET MANAGEMENT
CRD O 430.2B	DEPARTMENTAL ENERGY, RENEWABLE ENERGY AND TRANSPORTATION MANAGEMENT
CRD O 433.1B	MAINTENANCE MANAGEMENT PROGRAM FOR DOE NUCLEAR FACILITIES
CRD O 435.1, Chg 1*	RADIOACTIVE WASTE MANAGEMENT
DOE M 435.1-1, Chg 1	RADIOACTIVE WASTE MANAGEMENT MANUAL
CRD O 440.2B, Chg 1	AVIATION MANAGEMENT AND SAFETY
CRD M 441.1-1	NUCLEAR MATERIAL PACKAGING MANUAL
CRD M 442.1-1	DIFFERENCING PROFESSIONAL OPINIONS MANUAL FOR TECHNICAL ISSUES INVOLVING ENVIRONMENT, SAFETY AND HEALTH
CRD O 443.1	PROTECTION OF HUMAN SUBJECTS
CRD O 450.1A	ENVIRONMENTAL PROTECTION PROGRAM
CRD M 450.4-1	INTEGRATED SAFETY MANAGEMENT SYSTEM MANUAL
CRD N 450.7	THE SAFE HANDLING, TRANSFER, AND RECEIPT OF BIOLOGICAL ETIOLOGIC AGENTS AT DEPARTMENT OF ENERGY FACILITIES
CRD M 452.4-1A	PROTECTION OF USE CONTROL VULNERABILITIES AND DESIGNS
CRD N 456.1	THE SAFE HANDLING OF UNBOUND ENGINEERED NANOPARTICLES
CRD O 460.1C	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 461.1A	PACKAGING AND TRANSFER OR TRANSPORTATION OF MATERIALS OF NATIONAL SECURITY INTEREST
DOE M 461.1-1, Chg 1	PACKAGING AND TRANSFER OF MATERIALS OF NATIONAL SECURITY INTEREST MANUAL
CRD O 470.2B	INDEPENDENT OVERSIGHT AND PERFORMANCE ASSURANCE PROGRAM

<b>DOE DIRECTIVES</b>	
<b>DIRECTIVE NO.</b>	<b>DIRECTIVE TITLE</b>
DOE O 470.3B	GRADED SECURITY PROTECTION (GPS) POLICY
CRD M 470.4-1, Chg 1	SAFEGUARDS AND SECURITY PROGRAM PLANNING AND MANAGEMENT
CRD M 470.4-2A	PHYSICAL PROTECTION
CRD M 470.4-3A	CONTRACTOR PROTECTIVE FORCE
CRD M 470.4-4A	INFORMATION SECURITY MANUAL
CRD M 470.4-5	PERSONNEL SECURITY
CRD M 470.4-6, Chg 1	NUCLEAR MATERIAL CONTROL AND ACCOUNTABILITY
CRD O 471.1B	IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION
DOE M 471.2-3B	SPECIAL ACCESS PROGRAM POLICIES, RESPONSIBILITIES, AND PROCEDURES
CRD O 471.3	IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION
CRD M 471.3-1**	MANUAL FOR IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION
CRD O 475.1	COUNTERINTELLIGENCE PROGRAM
CRD M 475.1-1B	IDENTIFYING CLASSIFIED INFORMATION MANUAL
CRD O 475.2	IDENTIFYING CLASSIFIED INFORMATION
CRD O 484.1	REIMBURSABLE WORK FOR DEPARTMENT OF HOMELAND SECURITY
CRD O 482.1	DOE FACILITIES TECHNOLOGY PARTNERING PROGRAMS
CRD O 483.1	DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS
CRD O 522.1	PRICING OF DEPARTMENTAL MATERIALS AND SERVICES
CRD O 534.1B	ACCOUNTING
CRD O 551.1C	OFFICIAL FOREIGN TRAVEL
CRD O 580.1, Chg 1	DEPARTMENT OF ENERGY PERSONAL PROPERTY MANAGEMENT PROGRAM
DOE O 1450.4	CONSENSUAL LISTENING-IN TO OR RECORDING TELEPHONE/ RADIO CONVERSATIONS
DOE O 5400.5, Chg 2	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT (Chapter 2, Sections 2 & 5, and Chapter 4)
DOE O 5610.2, Chg 1	CONTROL OF WEAPON DATA
DOE O 5639.8A	SECURITY OF FOREIGN INTELLIGENCE INFORMATION AND SENSITIVE COMPARTMENTED INFORMATION FACILITIES
DOE-0223	RL EMERGENCY IMPLEMENTING PROCEDURES – APPLICABLE TO PNNL-MANAGED FACILITIES AND ACTIVITIES ON THE HANFORD SITE
DOE/RL-94-02, Rev. 4	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.1-B

\* The Contractor shall submit a plan to implement CRD O 435.1, Chg 1 “Radioactive Waste Management” no-later-than 30 calendar days after the effective date of the modification to extend the contract. The

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**Contractor shall continue to comply with DOE O 5820.2A “Radioactive Waste Management” until implementation of CRD 435.1, Chg 1.**

**\*\* The Contractor shall submit a plan to implement CRD M 471.3-1 “Manual for Identifying and Protecting Official Use Only Information” no-later-than 30 calendar days after the effective date of the modification to extend the contract.**