



**Purpose of Modification:**

The purpose of this modification is to make the following changes:

1. Section C, Statement of Work, is revised as follows:
  - a. Section C.6, Standards, Standard 9, paragraph 2, is revised.
  - b. Section C.7(b)(1) – Facility Specifications, paragraph 4, is deleted in its entirety.
  - c. Section C.3(f)(6) – Interactions with the Waste Treatment and Immobilization Contractor, is revised to update DOE Order from 5480.20A Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities to 426.2 Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities.
2. Section I, Contract Clauses, is revised as follows:
  - a. Contract Section I.29B – FAR 52.222-2 Payment for Overtime Premiums (JUL 1990) is revised to update the overtime ceiling for FY14 to \$5.5M.
  - b. Contract Section I.113 DEAR 970.5204-31 Insurance – Litigation and Claims (JUN 1997) is replaced in its entirety with DEAR 952.231-71 Insurance – Litigation and Claims.
3. Section J, List of Attachments, is revised as follows:
  - a. Attachment D, Small Business Subcontract Plan is replaced in its entirety.
  - b. Attachment E, List of Applicable Directives (List B-DEAR 970.5204.78), is revised to update current list of Directives.

**Description of Modification:**

1. Section C, Statement of Work, is revised as follows:
  - a. Section C.6, Standards, Standard 9, paragraph 2, is revised as follows:
    2. The Contractor’s safety basis documents and maintenance process shall be developed and implemented to comply with the specific nuclear safety requirements established in 10 CFR 830, Subpart B, Safety Basis Requirements, and DOE-STD-3009, Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analyses.

- b. The 4th paragraph in Section C.7(b)(1) is deleted in its entirety. The paragraph will be deleted as follows:

~~The Standard 2, (b), (3), Material Balance and Process Flowsheet, shall be used to compare chemistry assumptions used in the Tank Utilization Assessment Model.~~

- c. Section C.3(f)(6) is revised as follows:

- (6). Train commissioning staff to operate and maintain the WTP in accordance with DOE Order ~~5480.20A, Change 1 (7-12-01) 426.2, Personnel Selection, Qualificaiton, and Training Training, Qualification, and Certification Requirements for DOE Nuclear Facilities.~~ (M152)(321)

2. Section I, Contract Clauses, is revised as follows:

- a. Contract Section I.29B – FAR 52.222-2 Payment for Overtime Premiums (JUL 1990) is revised to update the overtime ceiling for FY14 to \$5.5M.

I.29B (a) is revised as follows:

- (a) The use of overtime is authorized under this contract if the overtime premium does not exceed **\*\$5.5M for FY14 (M321)** or the overtime premium is paid for work—
- b. Contract Section I.113 DEAR 970.5204-31 Insurance – Litigation and Claims (JUN 1997) is replaced in its entirety with DEAR 952.231-71 Insurance – Litigation and Claims as follows:

**I.113 DEAR 952.231-71 INSURANCE - LITIGATION AND CLAIMS (JUL 2013)**

- (a) The contractor must comply with 10 CFR part 719, contractor Legal Management Requirements, if applicable.
- (b) (1) Except as provided in paragraph (b)(2) of this clause, the contractor shall procure and maintain such bonds and insurance as required by law or approved in writing by the Contracting Officer.
- (2) The contractor may, with the approval of the Contracting Officer, maintain a self-insurance program in accordance with FAR 28.308; provided that, with respect to workers' compensation, the contractor is qualified pursuant to statutory authority.

- (3) All bonds and insurance required by this clause shall be in a form and amount and for those periods as the Contracting Officer may require or approve and with sureties and insurers approved by the Contracting Officer.
  
- (c) The contractor agrees to submit for the Contracting Officer's approval, to the extent and in the manner required by the Contracting Officer, any other bonds and insurance that are maintained by the contractor in connection with the performance of this contract and for which the contractor seeks reimbursement. If an insurance cost (whether a premium for commercial insurance or related to self-insurance) includes a portion covering costs made unallowable elsewhere in the contract, and the share of the cost for coverage for the unallowable cost is determinable, the portion of the cost that is otherwise an allowable cost under this contract is reimbursable to the extent determined by the Contracting Officer.
  
- (d) Except as provided in paragraph (f) of this clause, or specifically disallowed elsewhere in this contract, the contractor shall be reimbursed--
  - (1) For that portion of the reasonable cost of bonds and insurance allocable to this contract required in accordance with contract terms or approved under this clause, and
  - (2) For liabilities (and reasonable expenses incidental to such liabilities, including litigation costs) to third persons not compensated by insurance without regard to the limitation of cost or limitation of funds clause of this contract.
  
- (e) The Government's liability under paragraph (d) of this clause is subject to the availability of appropriated funds. Nothing in this contract shall be construed as implying that the Congress will, at a later date, appropriate funds sufficient to meet deficiencies.
  
- (f) (1) Notwithstanding any other provision of this contract, the contractor shall not be reimbursed for liabilities to third parties, including contractor employees, and directly associated costs which may include but are not limited to litigation costs, counsel fees, judgment and settlements—
  - (i) Which are otherwise unallowable by law or the provisions of this contract, including the cost reimbursement limitations contained in 48 CFR part 31, as supplemented by 48 CFR 970.31;
  - (ii) For which the contractor has failed to insure or to maintain insurance as required by law, this contract, or by the written direction of the Contracting Officer; or
  - (iii) Which were caused by contractor managerial personnel's—

- (A) Willful misconduct;
  - (B) Lack of good faith; or
  - (C) Failure to exercise prudent business judgment, which means failure to act in the same manner as a prudent person in the conduct of competitive business; or, in the case of a non-profit educational institution, failure to act in the manner that a prudent person would under the circumstances prevailing at the time the decision to incur the cost is made.
- (2) The term “contractor’s managerial personnel” is defined in the Property clause in this contract.
- (g) (1) All litigation costs, including counsel fees, judgments and settlements shall be segregated and accounted for by the contractor separately. If the Contracting Officer provisionally disallows such costs, then the contractor may not use funds advanced by DOE under the contract to finance the litigation.
- (2) Punitive damages are not allowable unless the act or failure to act which gave rise to the liability resulted from compliance with specific terms and conditions of the contract or written instructions from the Contracting Officer.
- (3) The portion of the cost of insurance obtained by the contractor that is allocable to coverage of liabilities referred to in paragraph (f) of this clause is not allowable.
- (h) The contractor may at its own expense and not as an allowable cost procure for its own protection insurance to compensate the contractor for any unallowable or non-reimbursable costs incurred in connection with contract performance.
3. Section J, List of Attachments, is revised as follows:
- a. Attachment D, Small Business Subcontract Plan is replaced in its entirety as follows:

**SECTION J – LIST OF ATTACHMENTS**  
**ATTACHMENT D – SMALL BUSINESS SUBCONTRACTING PLAN**

**Waste Treatment Plant Project  
 SMALL BUSINESS SUBCONTRACTING PLAN**

1. Name of Prime Contractor: Bechtel National, Inc. (BNI)  
 Address: 2435 Stevens Center Place  
 Richland, WA 99351
2. Prime Contract Number: DE-AC27-01RV14136  
 Total Estimated Contract Cost (TECC): \$10,673,961,576  
 Contract Period of Performance: 12/11/2000 through 8/15/2019  
 Place of Performance: Hanford Site, Richland, WA

Description of Contract Requirements: Bechtel National, Inc. is leading a project to design, build, and start up the world's largest complex of waste treatment facilities. The plant will use a process known as vitrification to immobilize some of the 56 million gallons of chemical and radioactive waste now stored in Hanford's 177 aging tanks. The Project team is divided into Engineering, Construction, Operations, and Business areas.

In execution of BNI's responsibilities under the contract for the Hanford Tank Waste Treatment and Immobilization Plant (WTP) Project, BNI will comply with Public Law 95-507, FAR 52.219-8, and FAR 52.219-9 to maximize the utilization of small business (SB) concerns for purchasing goods and services. In compliance with DOD Acquisition Letter 2005-06, dated 3/1/05, the subcontracting base excludes subcontracts involving performance outside of the United States and purchases from Bechtel Corporation and its affiliates. Data sources will be the Bechtel Procurement System (BPS), the B-Card System, and the Bechtel Accounts Payable System.

The following plan provides the WTP Project's Small Business Subcontracting Plan as a percent of the total planned subcontracting effort and the subcontracting effort available:

Total estimated dollars available for subcontracting:

\$4,857,719,913 (45.51% of TECC)

Category	Subcontracting Planned Dollar Amount	Percentage of Total Estimated Subcontracting Effort
Total planned and available for subcontracting to SB concerns	\$1,962,518,845	40.4%
Total planned and available for subcontracting to Small Disadvantaged Business (SDB) concerns (included in SB concern numbers)	\$170,020,197	3.5%
Total planned and available for subcontracting to Woman-Owned SB (WOSB) concerns (included in SB concern numbers)	\$194,308,797	4.0%
Total planned and available for subcontracting to Historically Underutilized Business Zone (HUBZone) SB concerns (included in SB concern numbers)	\$77,723,519	1.6%
Total planned and available for subcontracting to Native American Owned (NAB) concerns (includes both Large Business (LB) and SB NABs, SB NAB numbers are included in SB concerns; LB and SB NAB numbers are included in SDB concerns)	\$48,577,199	1.0%
Total planned and available for subcontracting to Veteran-owned SB concerns (included in SB concern numbers)	\$247,885,996	5.0%
Total planned and available for subcontracting to Service-Disabled Veteran-owned SB concerns (included in SB concern numbers)	\$7,386,580	0.15%

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Total dollars for subcontracting to Washington and Oregon-based businesses (includes large and small businesses)	\$1,300,201,970	35.0%
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**3. Potential Subcontracting Opportunities for Small Business**  
Items to be subcontracted under this contract and the types of business supplying them are:

Subcontracting Items	Large Business	Small Business	Disadvantaged Small Business	Woman-Owned Small Business	HUB/Zone Small Business	Veteran-Owned Small Business	Service Disabled Veteran-Owned
<b>Construction</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<i>Roofing/Siding</i>	x	x	x			x	
<i>Architectural Specialties/Casework</i>	x	x	x	x		x	
<i>NDE/other Testing</i>	x	x					
<i>Equipment/Piping/Insulation</i>	x	x	x	x			
<i>Surfacing/Paving</i>	x						
<i>Surveying</i>	x	x	x	x	x	x	
<i>Elevators</i>	x						
<i>Gas Systems</i>	x						
<i>Transportation/Freight</i>	x	x					
<i>Misc. Construction Services</i>	x	x	x	x	x	x	x
<i>Misc. Construction Equip.</i>	x	x	x	x	x	x	x
<b>Pipe/Valves/Fittings</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Civil/Structural/Architectural</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	
<i>Concrete Anchors</i>	x	x		x	x		
<i>Fabricated Metal Embeds</i>	x						
<b>Electrical</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	
<i>Fiber Optic/Power Cable</i>	x	x	x	x	x	x	
<i>TIS Fused Panels</i>	x						
<i>Through Wall Lighting</i>	x	x				x	
<b>Instrumentation &amp; Controls</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	
<i>Laboratory Equipment</i>	x	x	x	x	x	x	
<i>Flow Instruments</i>	x	x					
<i>Process Gauges</i>	x	x					
<i>Instrument Hoses</i>	x	x	x	x			
<i>Transmitters</i>	x	x					
<i>Custom Air Seismic Contamination Monitors</i>	x	x		x		x	
<b>Jumpers/Melter</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>		<b>X</b>	
<i>Rigid Process Jumpers/Fab</i>	x						
<i>Pulse Pot Frames</i>	x						
<i>Gaskets/Connectors</i>	x	x	x	x		x	
<i>Heat Exchangers</i>	x	x	x	x		x	
<b>Mechanical/HVAC</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<i>Cranes/Lift Beams</i>	x	x					
<i>Pressure Vessels/Pumps</i>	x	x	x	x	x	x	x
<i>Metal Fabrication</i>	x	x	x	x	x	x	x
<i>Piping/Racks/Specialty Items</i>	x	x		x	x	x	x
<i>Chiller Plant/Cooling Tower</i>	x	x	x	x	x	x	x
<i>Bulges/Absorbers/Tanks</i>	x	x	x	x	x	x	x
<i>HEPA/Inline Filters</i>	x	x		x		x	
<i>Demisters/Humidifiers</i>	x	x					
<i>Expansion Joints/Compressors</i>	x	x		x			

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<i>Chemicals/Storage</i>	X	X	X			X	X
<b>Technical/Engineering Services &amp; Office Products</b>	<b>X</b>						

**4. Method Used to Develop Subcontracting Goals**

The method used to develop the subcontracting goals for small business (SB), small disadvantaged business (SDB), woman-owned small business (WOSB), HUBZone small business (HUBZone), veteran-owned small business (VOSB), and service-disabled veteran-owned small business (SDVOSB) concerns is described as follows:

To establish the subcontracting goals and commitments, the WTP Project gathered available Project information, forecasted probable acquisition needs, and analyzed Project estimates. The Project also used its collective DOE experience to determine potential requirements and contingencies. The Project's subcontracting goals are both realistic and attainable. The goals will be reached by:

- Utilizing acquisition procedures to ensure participation by small business concerns.
- Requiring the inclusion of participation by appropriate small business concerns as a proposal bid requirement in future procurements.

**5. Methods Used to Identify Potential Sources for Solicitation**

The method used to identify potential sources for solicitation purposes is as follows:

- Utilize the System for Award Management (SAM.gov) and the Small Business Administration's Dynamic Small Business Search Database.
- Utilize Bechtel's Global Supplier Information System (GSIS).
- Coordinate with other Hanford Site Prime Contractors to seek information on small, small disadvantaged, woman-owned, HUBZone, veteran-owned, and service-disabled veteran-owned small businesses.
- Coordinate with the State and Regional Small Business Administration representatives and resources.
- Participate in various regional small, small disadvantaged, woman-owned, HUBZone, Native American owned, veteran-owned, and service-disabled veteran-owned small businesses trade associations.
- Sponsor and participate in trade fairs to inform small, small disadvantaged, woman-owned, HUBZone, Native American owned, veteran-owned, and service-disabled veteran-owned small businesses about upcoming procurement opportunities.

**6. Indirect Costs**

Indirect costs are ( ) are not (X) included in the above goals.

**7. Administrator of Small Business Subcontracting Plan**

The following individual will administer the subcontracting program:

Name: Frank R. Salama, Acquisition Services Manager  
 Address: 2438 Stevens Center Place  
 Richland, WA 99354  
 Telephone: (509) 371-9561  
 Email: frsalama@bechtel.com

This individual's specific duties, as they relate to the firm's subcontracting program, are as follows. General overall responsibility for reviewing and monitoring execution of the plan including but not limited to:

- Ensure that source lists of potential subcontracts for which goals are established herein are maintained.
- Ensure that procurement packages are structured to permit small, small disadvantaged business, woman-owned, HUBZone, Native American owned, veteran-owned, and service-disabled veteran-owned small business concerns to participate to the maximum extent possible.
- Seek out other SB concerns through the use of mass media tools when the number of prospective sources is not adequate.
- Mentor SBs currently under subcontract, enhancing their ability to provide timely, cost-effective, and quality services.
- Attend SB training, monitor program changes to ensure compliance - review, revise, amend applicable procedures.
- Advise other personnel of the purposes of this program and ensure adequate support by all concerned.
- Maintain records showing BNL's performance compared with the goals established herein and submit information on the forms specified in the contract in a timely manner.

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- Establish and maintain a relationship with the Small Business Administration and representatives to obtain assistance in finding competent small, small disadvantaged business, woman-owned, HUBZone, Native American owned, veteran-owned, and service-disabled veteran-owned small business concerns.
- Coordinate with other Hanford Site Prime Contractors to secure data on small, small disadvantaged, woman-owned, HUBZone, Native American owned, veteran-owned, and service-disabled veteran-owned small businesses and their capabilities.
- Report to the WTP Project Director on the progress made towards meeting the Small Business Subcontract Plan goals and identification of action items to continuously improve on the plan.

**8. Implementation**

The following efforts will be made to assure that small, small disadvantaged, woman-owned, HUBZone, Native American owned, veteran-owned, and service-disabled veteran-owned small business concerns will have an equitable opportunity to compete for subcontracts.

- Identify known potential sources as large concerns, small business, small disadvantaged business, woman-owned small business, HUBZone small business, Native American owned, veteran-owned small business, and service-disabled veteran-owned small business concerns.
- Include small, small disadvantaged, woman-owned, HUBZone, Native American owned, veteran-owned, and service-disabled veteran-owned small business concerns in Request for Proposals where such concerns are known to exist and are qualified to supply the item(s) or service being procured.
- Assist all small business concerns in providing management counseling on request.
- Provide sufficient bid solicitation time for preparation of proposals, quantities, specifications, and delivery schedules to facilitate participation.
- Participate in small business, small disadvantaged business, woman-owned business, HUBZone, veteran-owned small business, and service-disabled veteran-owned small business trade fairs and conferences. Provide promotional activities which increase community awareness of subcontracting opportunities.
- Prepare work scopes to develop opportunities which can be bid and executed by all small business concerns.
- Maintain good working relationships with Small Business Administration representatives to obtain assistance and coordination in finding capable SBs.

**9. Subcontract Flow-Down**

The clause entitled "Utilization of Small Business Concerns" will be included in all subcontracts that offer further subcontracting opportunities and all subcontractors (except small business concerns) who receive subcontracts in excess of \$650,000 (\$1,500,000 for construction of any public facility) will be required to adopt a similar plan.

**10. Reports, Studies, and Surveys**

The Offeror/Subcontractor will cooperate in any studies or surveys as may be required; submit periodic reports in order to allow the Government to determine the extent of compliance with the subcontracting plan; submit the "Individual Subcontracting Report" (ISR) and "Summary Subcontracting Report" (SSR) in accordance with the instructions on the eSRS website at [www.esrs.gov](http://www.esrs.gov); and ensure that its subcontractors agree to submit reports online utilizing eSRS.

ISR data must be submitted online at [www.esrs.gov](http://www.esrs.gov) on a semi-annual basis on or before April 30 and October 31. SSR data must be submitted online at [www.esrs.gov](http://www.esrs.gov) on or before October 31.

**11. Records**

The types of records that will be maintained to demonstrate the procedures adopted to ensure compliance with the requirements and goals of the Small Business Subcontracting Plan include:

- a. Source lists (e.g., SAM.gov and SBA's Dynamic Small Business Search database), guides, and other data that identify small business, small disadvantaged business, woman-owned small business, HUBZone small business, Native American owned business, veteran-owned small business, and service-disabled veteran-owned small business concerns.
- b. Organizations contacted in an attempt to locate sources that are small business, small disadvantaged business, woman-owned small business, HUBZone small business, Native American owned business, veteran-owned small business, or service-disabled veteran-owned small business concerns.
- c. Records on each subcontract solicitation resulting in an award of more than \$150,000, indicating:

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- Whether small business concerns were solicited and, if not, why not;
  - Whether small disadvantaged business concerns were solicited and, if not, why not;
  - Whether woman-owned small business concerns were solicited and, if not, why not;
  - Whether HUBZone small business concerns were solicited and, if not, why not;
  - Whether Native-American owned business concerns were solicited and, if not, why not;
  - Whether veteran-owned small business concerns were solicited and, if not, why not;
  - Whether service-disabled veteran-owned small business concerns were solicited and, if not, why not; and
  - If applicable, the reason award was not made to a small business concern.
- d. Records of any outreach efforts to contact:
- Trade associations
  - Business development organizations
  - Conferences and trade fairs to locate small business, small disadvantaged business, woman-owned small business, HUBZone small business, Native American owned business, veteran-owned small business, and service-disabled veteran-owned small business sources.
- e. Records of internal guidance and encouragement provided to acquisition personnel through:
- Workshops, seminars, training, etc.
  - Monitoring performance to evaluate compliance with the program's requirements.
- f. On a contract-by-contract basis, records to support award data submitted, including the name, address, and business size of each subcontractor.

Signed: Margaret M. McCullough Date: 13 Dec 2013  
Typed Name: M. G. McCullough  
Company: Bechtel National, Inc., Waste Treatment Plant Project  
Title: Project Director

Plan Accepted by: Ronnie L. Dawson 01/30/14  
(ORP-WTP Contracting Officer)  
Date: 01/30/14

- b. Attachment E, List of Applicable Directives (List B-DEAR 970.5204.78), is revised to update current list of Directives.

Attachment E, List of Applicable Directives, is replaced in its entirety with the following for the table in (b):

- (b) Additional Directives applicable to this Contract. The directive(s) or applicable section(s) of the directive(s) are applied as specified in other Sections of this Contract.

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
<del>06-AMD-050</del> (CCN 144548)	<del>08/28/06</del>	DELETED (310)	DELETED (310)
DOE/RL-88-21	10/01/96 12/21/99	Double-Shell Tank Unit Permit Application	Contract Clause C.6, Standard 7(e)(4)(vi)(B) & Contract Clause C.8, Specification 7, 7.2.1.4 and 7.2.2.1; Specification 8, 8.2.1.4 and 8.2.2.1 (M175)
DOE/EM-0093	12/96	Waste Acceptance Product Specifications for Vitrified High Level Waste Forms (WAPS) Revision 2 (M114)	Contract Clause C.8, Specification 1, 1.2.1.4 and 1.2.2.1.1 (M175)
DOE/RL-94-02, Rev 5	12/1/12	Hanford Emergency Management Plan (Revision 5, December 2012) (A197)(310)	Contract Clause C.6, Standard 4(j) and Standard 7(e)(1) Table S7-1 (M175) Refer to Note 5 (A197)
DOE M 140.1-1B, CRD	03/30/01	Interface with Defense Nuclear Facilities Safety Board.	Contract Clause C.4 (d) (M175)
DOE O 142.3A, CRD	10/14/10	Unclassified Foreign Visits and Assignments Program. (M047) (M124) (204)	The order is effective regardless of comment above at (b) (M175)
<del>DOE O 205.1A, CRD</del>	12/4/06	DELETED (M194)	
<del>DOE M 205.1-2</del>		DELETED (M175)	
<del>DOE M 205.1-5, CRD</del>		DELETED (M194)	
<del>DOE M 205.1-6, CRD</del>		DELETED (M194)	
<del>DOE M</del>		DELETED (M194)	

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
<del>205.1-7, CRD</del>			
DOE M 205.1-8, CRD		DELETED (M194)	
DOE O 206.1, CRD	01/16/09	DOE Privacy Program (235)	The order is effective regardless of comment above at (b). <b>Contractor shall implement in accordance with CCN 231161 (321)</b>
DOE O 206.2, CRD	01/19/13	Identity, Credential, and Access Management (307)	The order is effective regardless of comment above at (b) (307)
DOE O 210.2A, CRD	04/8/11	DOE Corporate Operating Experience Program (M077) (310)	Contract Clause H.49 (M175) Refer to Note 10 (310)
DOE O 221.1A, CRD	04/19/08	Reporting Fraud, Waste, and Abuse to the Office of Inspector General. (M133)	Refer to Note 3 (M175)
DOE O 221.2A, CRD	02/25/08	Cooperation with the Office of Inspector General. (M133)	Refer to Note 3 (M175)
DOE O 226.1B, CRD	04/25/11	Implementation of Department of Energy Oversight Policy (M069) (M108)(310)	Contract Clause H.46 (M175) Refer to Note 11 (310)
DOE O 231.1B	6/27/2011	Environment, Safety, and Health Reporting (M033) (310)	Contract Clause C.6, Standard 1(d)(5) and (6) (M175) (310)
DOE M 231.1-1A, Change 2, CRD	06/12/07	Environment, Safety and Health Reporting Manual (M175)	Contract Clause C.6, Standard 1(d)(6) and Standard 7(e)(1) Table S7-1 (M175)
DOE M 231.1-2, CRD		DELETED (256)	
SCRD M 231.1-2		DELETED (256)	
SCRD O 232.2	8/30/11	Occurrence Reporting and Processing of Operations Information, Revision 1 (268)	Contract Clause C.6, Standard 1(d)(5) and (6).
HFID 232-1B		DELETED (256)	
DOE N	02/27/08	DELETED (310)	DELETED (310)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
234.1, CRD			
DOE O 241.1, CRD	08/17/98	DELETED (310)	DELETED (310)
DOE/RW- 0333P	10/01/08	Quality Assurance Requirements and Description for the Civilian Radioactive Waste Management Program (QARD) – Revision 20 (M099) (M134)	Contract Clause C.6, Standard 2(a)(2)(v), Standard 5(d), and Standard 7(e)(3)(ii)(A) and Contract Clause C.8, Specification 1, 1.2.1.7, 1.2.2.1.1, and 1.3 (M175)
DOE O 350.1, Chg 3, CRD	02/23/10	Contractor Human Resource Management Program (M171) (M175)	Contract Clause H.37 (M175)
DOE/RW- 0351	5/31/07	Waste Acceptance System Requirements Document (WASRD) - Revision 5 (M114)	Contract Clause C.6, Standard 2(a)(3)(vii)(E) and Standard 6(c)(2) and Contract Clause C.8, Specification 1, 1.2.1.3 and 1.2.2.1.1 (M175)
DOE O 413.3A, CRD	07/28/06	DELETED (271)	
DOE M 413.3-1	03/28/03	DELETED (271)	
DOE O 413.3B, CRD	11/29/10	Program and Project Management for the Acquisition of Capital Assets. Refer to Note 7 for implementation (271).	Contract Clause C.3, paragraph (b), subparagraph (1), item (ix), C.6, Standard 1, opening paragraph, (a), (b)(3) and (c)(1) and Standard 5(a)(6) and (k).
DOE O 414.1C, CRD	06/17/05	Quality Assurance (M066)	Contract Clause C.6, Standard 7(e)(3)(i) & (iv) (M175)
DOE O 420.1B, Chapter V	12/22/05	Facility Safety (245)	The order is effective regardless of comment above at (b)
DOE O 422.1, CRD	06/29/10	Conduct of Operations (207)	The notice is effective regardless of comment above at (b). Contractor shall implement consistent with CCN 229138.

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE O 425.1D, Chg 1, CRD	04/16/10	Verification of Readiness to Start Up or Restart Nuclear Facilities (M033) (A190)(310)	Contract Clause C.6, Standard 5(a)(5), (c)(6), (e)(2), (f)(ii), and (g) (M175)
DOE O 435.1, Chg 1, CRD	08/28/01	Radioactive Waste Management.	Implementation of this DOE CRD using the graded approach; approved by 05-WED- 047; CCN 136281 satisfies the comment above at (b). (M130) (M175) (278)
DOE M 435.1-1	07/09/99	Radioactive Waste Management Manual	Contract Clause C.8, Specification 2, 2.2.1.13, 2.2.2.23, & 2.4 (M175)
DOE M 441.1-1, CRD	03/07/08	Nuclear Material Packaging	The manual is effective regardless of comment above at (b) (M130) (M175)
DOE O 442.2, CRD	07/29/11	Differing Opinions for Technical Issues Involving Environment, Safety, and Health (271)	The order is effective regardless of comment above at (b) and implemented as described in CCN 246747.
DOE O 442.1A & Supplemente d Rev. 2 CRD (293)	06/06/01	Department of Energy Employee Concerns Program (A029) (293)	The order is effective regardless of comment above at (b) (M175) and implemented as described in CCN 249676. (293)
DOE M 442.1-1 CRD		DELETED (271)	
DOE M 450.4-1, CRD	11/01/06	DELETED (310)	DELETED (310)
DOE M 470.4-1, CRD	08/26/05	Safeguards and Security Program Planning and Management (M136) (M171)	Refer to Note 1 (M175)
DOE M 470.4-2A, CRD	07/23/09	DELETED (310)	DELETED (310)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
DOE M 470.4-4A	01/16/09	Information Security Manual (M145)	Refer to Note 2 (M175)
DOE O 471.3, CRD	4/9/03	Identifying and Protecting Official Use Only Information (M087)	Contract Clause H.50 (M175)
DOE M 471.3-1, Chg 1, CRD	4/9/03	Manual for Identifying and Protecting Official Use Only Information (M087) (310)	Contract Clause H.50 (M175) Refer to Note 12 (310)
DOE O 475.1, CRD	12/10/04	Counterintelligence Program (M071)	Contract Clause C.6, Standard 8(c) (M175)
DOE/RW-0511, Volume I, Rev. 3 4	01/2007 03/07/2008	Integrated Interface Control Document (IICD), High-Level Radioactive Waste and U.S. Department of Energy and Naval Spent Nuclear Fuel to the Civilian Radioactive Waste Management System (M114)	Contract Clause C.8, Specification 1, 1.2.1.10 1.2.1.5 and 1.2.2.1.1 (321)
DOE O 551.1D, CRD	04/02/12	Official Foreign Travel. Refer to Note 4. (M141) (M175) (283)	Contract Clause I.109 (M175). Implemented in accordance with CCN 243970 and 12-WTP-0272 (CCN 251792). (283)
DOE-HDBK-1092-2004, Appendix A	12/2004	DOE Electrical Safety Handbook. Refer to Note 6 (209)	The order is effective regardless of comment above at (b).
RL/REG-2000-04	07/03	DELETED (215)	
DOE/ORP-2000-06		Deleted through Contract Modification M082 (M175)	
DOE STD 3009	1994	DELETED (310)	DELETED (310)
DOE O 5480.20A, Change 1, CRD	07/12/01	DELETED (310)	DELETED (310)

DOCUMENT NUMBER	DATE	TITLE	CROSS REFERENCE
SCSP	5/9/06	Richland Regional Office Site Counterintelligence Support Plan Hanford Site - Bechtel National, Inc. (M071)	Contract Clause C.6, Standard 8(c) (M175)
DOE-0361	03/28/11	Hanford Site-Wide Emergency Planning and Community Right-to-know Act (EPCRA) procedure (310)	The order is effective regardless of comment above at (b).
HNF-EP-0063	02/01/11	Hanford Site Solid Waste Acceptance Criteria (310)	The order is effective regardless of comment above at (b).
DOE/RL-2001-36, Rev 1E, Appendix I.7	05/01/11	ILAW Special Packaging Authorization of the Hanford Sitewide Transportation Safety Document (310)	Implemented per C.8, Specification 2, 2.2.1.21 and 2.2.2.10. (293)
DOE O 151.1C, CRD	11/02/05	Comprehensive Emergency Management System (310)	Implemented in accordance with DOE/RL-94-02.
DOE O 473.3, CRD	06/29/11	Protection Program Operations (310)	The order is effective regardless of comment above at (b).
DOE O 426.2, CRD	04/21/10	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities (310)	<b>Contract Clause C.3(f)(6) (321)</b> , Refer to Note 8 (310)
DOE O 225.1B	03/04/11	Accident Investigations (310)	Refer to Note 9 (310)
<b>DOE STD 3009</b>	<b>1994</b>	<b>Preparation Guide for DOE Nonreactor Nuclear Facility Safety Analysis Reports (Change Notice 3, March 2006) (A029) (M152) (321)</b>	<b>Contract Clause C.6, Standard 9, paragraph 2. (321)</b>

Notes:

1. Implementation of DOE M 470.4-1, CRD includes the following Sections:
  - Section A, *Safeguards and Security Program Planning and Management*
  - Section F, *Performance Assurance Program*

- Section G, *Survey, Review, and Self-Assessment Programs*
- Section I, *Facility Clearances and Registration of Safeguards and Security Activities*
- Section J, *Safeguards and Security Training Program*
- Section K, *Safeguards and Security Awareness Program*
- Section N, *Incidents of Security Concern*

Please refer to CCN 182640 for detailed information on the implementation of each section.

2. Contractor scope of DOE M 470.4-4A is limited to the OPSEC requirements listed in ORP Letter 08-ESQ-318 (CCN 192555) which states that the following actions are required:
    - Appoint an OPSEC Representative;
    - Ensure the OPSEC Representative attend Hanford OPSEC Working Group meetings on a quarterly basis;
    - Obtain OPSEC/Security Awareness Posters from Project Hanford Management Contracts Safeguards and Security Awareness Manager and ensure they are posted in BNI working areas; and
    - Annually conduct three OPSEC Reviews/Assessments of BNI work areas.
  3. The Contractor shall implement DOE O 221.1, CRD and DOE O 221.2, CRD into all new subcontract awards beginning January 1, 2003, except for those acquisitions for commercial items and for any new acquisition awards under \$100,000. DOE O 221.1A, DOE and DOE O 221.2A, CRD shall be implemented into all new subcontract awards beginning October 01, 2008, using the same criteria. Flow down of the requirements of these DOE Order CRDs to Subcontractors using these criteria meets the intent of ensuring compliance with the DOE Order CRD requirements.
  4. This Order deemed to be the "subsequent version of the order in effect at the time of award" per DEAR 952.247-70.
  5. The Contractor shall implement Rev. 4 (June 2010) of DOE/RL-94-02 over a period of one year as described in CCNs 207914 and 227444 (10-WTP-291).
  6. The Contractor shall implement DOE-HDBK-1092-2004, Appendix A, as described in 10-WTP-327 (CCN 229364) and CCN 229141.
  7. The Contractor shall implement DOE O 413.3B, as described in CCN 242792 and 12-WTP-0159.
  8. The Contractor shall implement DOE O 426.2, CRD, as described in CCN 249671.
  9. The Contractor shall implement DOE O 225.1B, as described in CCN 249671.
  10. The Contractor shall implement DOE O 210.2A, CRD, as described in CCN 249671.
  11. The Contractor shall implement DOE O 226.1B, CRD, as described in CCN 249671.
  12. The Contractor shall implement DOE M 471.3-1, Chg 1, CRD, as described in CCN 249671.
4. All other terms and conditions remain unchanged.

**(End of Modification)**