

2. AMENDMENT/MODIFICATION NO. <b>A164</b>	3. EFFECTIVE DATE (M/D/Y) <b>See Block 16C</b>	4. REQUISITION/PURCHASE REQ. NO. <b>N/A</b>	5. PROJECT NO. (If applicable)
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6. ISSUED BY <b>U.S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352</b>	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)  <b>Bechtel National, Inc. 2435 Stevens Center Place Richland, WA 99354</b>	<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. <b>DE-AC27-01RV14136</b>
	<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) <b>December 11, 2000</b>
CODE 396A5	FACILITY CODE 153392068	

**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: Clause 1.82, FAR 52.243-2, Changes—Cost-Reimbursement (Aug 1987) – Alternate III (Apr 1984)
<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.)

See following page(s)

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>Frank Russo Project Director</b>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <del>Thomas M. Williams</del> <b>Ronnie L. Dawson</b> Contracting Officer
15B. CONTRACTOR/OFFEROR  ORIGINAL SIGNED BY <hr/> <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED <b>3/20/10</b>
16B. UNITED STATES OF AMERICA BY ORIGINAL SIGNED BY <hr/> <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED <b>4/05/10</b>

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE 1 OF 13 PAGES
2. AMENDMENT/MODIFICATION NO. <b>A164</b>	3. EFFECTIVE DATE (M/D/Y) <b>See Block 16C</b>	4. REQUISITION/PURCHASE REQ. NO. <b>N/A</b>	5. PROJECT NO. (If applicable)
6. ISSUED BY <b>U.S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352</b>	7. ADMINISTERED BY (If other than Item 6)	9A. AMENDMENT OF SOLICITATION NO.	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code) <b>Bechtel National, Inc. 2435 Stevens Center Place Richland, WA 99354</b>	9B. DATED (SEE ITEM 11)	10A. MODIFICATION OF CONTRACT/ ORDER NO. <b>DE-AC27-01RV14136</b>	
CODE 396A5	FACILITY CODE 153392068	10B. DATED (SEE ITEM 13) <b>December 11, 2000</b>	

**11. THIS ITEM APPLIES TO AMENDMENTS OF SOLICITATIONS**

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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.**

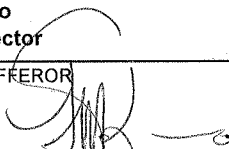
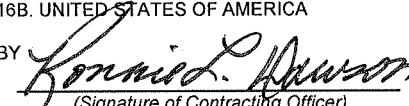
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES (such as changes 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: Clause I.82, FAR 52.243-2, Changes—Cost-Reimbursement (Aug 1987) – Alternate III (Apr 1984)
<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.)

See following page(s)

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>Frank Russo Project Director</b>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <del>Thomas M. Williams</del> <b>Ronnie L. Dawson Contracting Officer</b>
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)
15C. DATE SIGNED <b>3/30/10</b>	16C. DATE SIGNED <b>4/05/10</b>

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**Purpose of Modification:**

The purpose of this modification is to do the following:

1. Update Section B, *Supplies or Services and Prices/Costs*, B.2 *Obligation and Availability of Funds and Contract Value*, to reflect the additional Inter-Entity Work Order, M0SRV00042, in the amount of \$27,600.00;
2. Revise Section C, *Statement Work*, to incorporate various administrative and other changes to Section C.5, Table C.5-1.1 Deliverables, and Standard 1;
3. Update Section J, *List of Attachments*, Attachment E, *List of Applicable Directives (List B- DEAR 970.5204.78)*, to include DOE M 470.4-2A dated July 23, 2009, *Physical Protection* and reference from DOE M 413.3-1 dated Mar 28, 03, *Project Management for the Acquisition of Capital Assets (M055)*;

References:

- (a) 08-ESQ-116, Letter from T.M. Williams to N.F. Grover, Impact Analysis to Implement DOE M470.4-1, "Safeguards and Security Program Planning and Management" and DOE M 470.4-2, "Physical Protection", dated June 18, 2008 (CCN 181839);
  - (b) 09-ESQ-324, Letter from T.M. Williams to N.F. Grover, U.S. Department of Energy (DOE) M 470.4-2A Physical Protection", dated October 19, 2009 (CCN 208071); and
  - (c) CCN 208288, Letter from N.F. Grover to T.M. Williams, Top-Level Review to Establish a Rough Order of Magnitude (ROM) to Implement DOE M 470.4-2A, "Physical Protection", dated November 04, 2009.
4. Update Section J, *List of Attachments*, Attachment F, *Key Personnel*;

References:

- (a) CCN 207959, Letter from D.M. Walker to T.M. Williams, Contract clause H.3, Key Personnel, Ted Feigenbaum and Frank Russo, dated Dec 16, 2009;
- (b) 09-AMD-351, Letter from T.M. Williams to D.M. Walker, Approval for F. Russo as Key Personnel, dated Jan 04, 2010 (CCN 211547);
- (c) CCN 207960, Letter from N.F. Grover to T.M. Williams, Contract Clause H.3, Key Personnel, Leon Lamm, Tyrone Troutman and Rayford Patterson, dated Dec 17, 2009;
- (d) 09-AMD-350, Letter from T.M. Williams to N.F. Grover, Approval for T. Troutman and R. Patterson as Key Personnel, dated Jan 04, 2009 (CCN 211549);
- (e) CCN 207962, Letter from N.F. Grover to T.M. Williams, Contract Clause H.3, Key Personnel, Manager of Procurement and Subcontracts, dated Dec 22, 2009; and

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- (f) 10-AMD-003, Letter from T.M. Williams to N.F. Grover, Approval Contract Clause H.3, Key Personnel, Manager of Procurement and Subcontract, dated Jan 06, 2010 (CCN 211707).
- 5. Update Section J, *List of Attachments*, Attachment J, *Advance Understanding on Costs*, to reflect revised *Bechtel Systems & Infrastructure, Inc. Relocation Policy*, Revision 15, dated January 1, 2010; and

References:

- (a) CCN 210586, Letter from N.F. Grover to T.M. Williams, Request Approval of Revised Relocation Policy; Revision 15, dated Dec 30, 2009 and
- (b) 09-AMD-353, Letter from T.M. Williams, to N.F. Grover, Approval of Revised Relocation Policy, Revision 15 (CCN 211546).
- 6. Approve increase Not-To-Exceed value for the *Direction to Implement DOE O 205.1A, Cyber Security Management Program (M155)* from \$600,000 to \$700,000. Increase provided based on current on-going efforts to definitize Request for Equitable Adjustment submitted for same to ORP in December 2009. No additional updates necessary to Section J, *List of Attachments*, Attachment J, *Advance Understanding on Costs*, paragraph 13, Table 13-B. *Not-to Exceeds Not Included in Modification No. A143 Definitization (M155)*.

Reference:

- CCN 210590, Letter from N.F. Grover to T.M. Williams, Request for Increase in Not-To-Exceed (NTE) Amount: DOE Order 205.1A, DOE Cyber Security Management Program, dated Feb 02, 2010
- 7. Update Section J, Attachment J, *Advance Understanding of Cost*, table 13-B. *Not-To-Exceeds Not Included in Modification No. A143 Definitization (M155)* to definitize Trends 24590-06-03487 (PSAR) and 24590-06-03753 (JCDPI).
- 8. Update Section J, Attachment J, Sub-Attachment B, to delete three Trends/Modification Items in entirety from the list of exclusions;

**Description of Modification**

- 1. Update Section B, *Supplies or Services and Prices/Costs*, B.2 *Obligation and Availability of Funds and Contract Value*, to reflect the additional Inter-Entity Work Order, M0SRV00042, in the amount of \$27,600.00 as follows:

FROM:

Description	Appropriation Symbol	B&R No. (Control Point)	Budget Authority

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	1250	1110401	\$3,006,205,907.70
LAW	1250	1111183	\$637,493,176.65
LAB	1250	1111184	\$207,770,269.14
BOF	1250	1111185	\$261,701,543.87
HLW	1250	1111186	\$559,525,441.15
PT	1250	1111187	\$840,360,534.66
LAW	1250	1111241	\$65,000,000.00
LAB	1250	1111242	\$45,000,000.00
BOF	1250	1111243	
HLW	1250	1111244	\$85,000,000.00
PT	1250	1111245	\$189,844,802.37
<b>Budgetary Control Points Thru A163</b>			<b>\$5,897,901,675.54</b>
<b>IEWO Identification Numbers</b>		<b>Funding/ Through Amendment #</b>	
M0SRLE60 Funding (SRNS/SRNL)		\$74,049,617.00 (36)	
M0SRV00028 Funding (SRNS)		\$115,000.00 (0)	
M0SRV00036 Funding (WSRC)		\$186,500.00 (2)	
IEWO Funding			\$74,351,117.00
<b>Total Obligated Funding</b>			<b>\$5,972,252,792.54</b>

TO:

Description	Appropriation Symbol	B&R No. (Control Point)	Budget Authority
	1250	1110401	\$3,006,205,907.70
LAW	1250	1111183	\$637,493,176.65
LAB	1250	1111184	\$207,770,269.14
BOF	1250	1111185	\$261,701,543.87
HLW	1250	1111186	\$559,525,441.15
PT	1250	1111187	\$840,360,534.66
LAW	1250	1111241	\$65,000,000.00
LAB	1250	1111242	\$45,000,000.00
BOF	1250	1111243	

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HLW	1250	1111244	\$85,000,000.00
PT	1250	1111245	\$189,844,802.37
<b>Budgetary Control Points Thru A163</b>			\$5,897,901,675.54
<b>IEWO Identification Numbers</b>		<b>Funding/ Through Amendment #</b>	
M0SRLE60 Funding (SRNS/SRNL)		\$74,049,617.00 (36)	
M0SRV00028 Funding (SRNS)		\$115,000.00 (0)	
M0SRV00036 Funding (WSRC)		\$186,500.00 (2)	
M0SRV00042 Funding (ORNL)		\$27,600 (0)	
IEWO Funding			\$74,378,717.00
Total Obligated Funding			<b>\$5,972,280,392.54</b>

2. Revise Section C, *Statement Work*, to incorporate various administrative and other changes, which are reflected with change bars in the attached Section C. The following provides a summation of the changes identified in Section C:

(a) Section C.5 Table C.5-1.1 Deliverables: Editorial changes to titles of Deliverables 1.3, 1.6, & 1.11.

(b) Section C.6, Standard 1:

- (i) Delete references to DOE M 413.3-1 (Project Management for the Acquisition of Capital Assets) from the following paragraphs: opening paragraph, (a) fourth paragraph, (b)(3), and (c)(1).
- (ii) Delete WBS 1.08 Plant Wide EPCC from paragraph (b)(3)(ii).
- (iii) Various administrative wording changes in the following paragraphs: (a), (a)(4), (b)(3), (c), (d), & (d)(2).

3. Update Section J, *List of Attachments*, Attachment E, *List of Applicable Directives (List B- DEAR 970.5204.78) (b)*, to include DOE O 470.4-2B, *Physical Protection* and reference from DOE M 413.3-1 dated Mar 28, 03, *Project Management for the Acquisition of Capital Assets (M055)* as follows:

FROM:

DOCUMENT NUMBER	DATE	TITLE
DOE M 140.1-1B	03/30/01	Interface with Defense Nuclear Facilities Safety Board
DOE O 142.3 Change 1	2/28/08	Unclassified Foreign Visits and Assignments Program. The order is effective regardless of comment above at (b). <b>(M047) (M124)</b>
DOE Order 205.1A	12/4/06	Department of Energy Cyber Security Management <b>(M090)</b>
DOE M 205.1-2	6/26/05	Clearing, Sanitization, and Destruction of Information

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DOCUMENT NUMBER	DATE	TITLE
		System Storage Media, Memory Devices, and Related Hardware Manual <b>(M067)</b>
CRD O 210.2	06/16/06	DOE Corporate Operating Experience Program <b>(M077)</b>
DOE M 231.1-1A -, Change 2	06/12/07	Environment, Safety and Health Reporting Manual <b>(M127)</b>
DOE O 231.1A	08/19/03	Environment, Safety, and Health Reporting <b>(M033)</b>
CRD M 231.1-2	8/19/03	Occurrence Reporting and Processing of Operations Information <b>(M057)</b>
SCRD M 231.1-2	7/24/06	Occurrence Reporting and Processing of Operations Information Revision1 <b>(M057) (06-AMD-043) (M068)</b>
DOE M 435.1-1	07/09/99	Radioactive Waste Management Manual
DOE M 441.1-1	03/07/08	Nuclear Material Packaging <b>(M130)</b> The order is effective regardless of comment above at (b)
RL/REG-2000-04	07/03	Industrial Health and Safety Oversight Plan <b>(M033)</b>
DOE N 234.1	02/27/08	Reporting of Radioactive Sealed Sources <b>(M130)</b> The order is effective regardless of comment above at (b)
DOE O 221.1A	04/19/08	Reporting Fraud, Waste, and Abuse to the Office of Inspector General <sup>1</sup> <b>(M133)</b>
DOE O 221.2A	02/25/08	Cooperation with the Office of Inspector General <sup>1</sup> <b>(M133)</b>
DOE O 226.1A	7/31/07	Implementation of Department of Energy Oversight Policy <b>(M069) (M108)</b>
DOE O 241.1	08/17/98	Scientific and Technical Information Management
DOE O 350.1, Chg 1	05/08/98	Contractor Human Resource Management Program
DOE O 414.1C	6/17/05	Quality Assurance <b>(M066)</b>
DOE O 425.1C	03/13/03	Start and Restart of Nuclear Facilities <b>(M033)</b>
DOE O 413.3A	07/28/06	Program and Project Management for the Acquisition of Capital Assets <b>(M055) (M076)</b>
DOE M 413.3-1	3/28/03	Project Management for the Acquisition of Capital Assets <b>(M055)</b>
DOE O 435.1, Chg 1	08/28/01	Radioactive Waste Management <b>(Implementation of this Order using the graded approach; approved by 04-WEC-004; CCN 081173 satisfies the comment above at (b).) (M130)</b>
DOE O 442.1A & Supplemented Rev. 1	06/06/01	Department of Energy Employee Concerns Program <b>(A029)</b>
DOE O 471.3	4/9/03	Identifying and Protecting Official Use Only Information <b>(M087)</b>
DOE M 471.3-1	4/9/03	Manual for Identifying and Protecting Official Use Only Information <b>(M087)</b>
DOE O 475.1	12/10/04	Counterintelligence Program <b>(M071)</b>
SCSP	5/9/06	Richland Regional Office Site Counterintelligence Support Plan Hanford Site - Bechtel National, Inc. <b>(M071)</b>
DOE O 551.1C <sup>2</sup>	06/24/08	Official Foreign Travel <b>(M141)</b>
DOE/EM-0093	12/96	Waste Acceptance Product Specifications for Vitrified High Level Waste Forms (WAPS) Revision 2 <b>(M114)</b>
DOE/ORP-2000-06	09/27/00	River Protection Project, Project Management Plan
DOE/RL-88-21	10/01/96 12/21/99	Double-Shell Tank Unit Permit Application
DOE/RL-94-02	04/95	Hanford Emergency Response Plan (Revision 3, March 2009) <b>(M152)</b>

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DOCUMENT NUMBER	DATE	TITLE
DOE/RW-0333P	10/01/08	Quality Assurance Requirements and Description for the Civilian Radioactive Waste Management Program (QARD) – Revision 20 <b>(M099) (M134)</b>
DOE/RW-0351	5/31/07	Waste Acceptance System Requirements Document (WASRD) - Revision 5 <b>(M114)</b>
HFID 232-1B	09/08/99	Notification and Reporting of Operations Information
06-AMD-050	08/28/06	Office of Environmental Management Interim Guidance, "Safety Integration into Early Phases of Environmental Management Facility Design." <b>(M084)</b>
DOE M 442.1-1	11/16/06	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health, Contractor Requirements Document <b>(M095)</b>
DOE M 450.4-1	11/01/06	Integrated Safety Management System Manual. Attachment 1 - Contractor Requirements Document. <b>(M097)</b>
DOE/RW-0511, Volume I, Rev. 3	01/2007	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 <b>(M114)</b>
DOE STD 3009	1994	Preparation Guide for DOE Nonreactor Nuclear Facility Safety Analysis Reports (Change Notice 3, March 2006) <b>(A029) (M152)</b>
DOE M 470.4-1; DOE M 470.4-2	08/26/05	Safeguards and Security Program Planning and Management (Sections/Chapters listed in CCN 182640); Physical Protection (Sections/Chapters listed in CCN 182640) <b>(M136)</b>
DOE M 470.4-4A	01/16/09	Information Security Manual (Contractor scope limited to the OPSEC requirements listed in ORP Letter 08-ESQ-318; CCN 192555) <b>(M145)</b>
DOE O 5480.20A, Change 1	07/12/01	Personnel Selection, Qualification, and Training requirements for DOE Nuclear Facilities <b>(M152)</b>

TO:

DOCUMENT NUMBER	DATE	TITLE
DOE M 140.1-1B	03/30/01	Interface with Defense Nuclear Facilities Safety Board
DOE O 142.3 Change 1	2/28/08	Unclassified Foreign Visits and Assignments Program. The order is effective regardless of comment above at (b). <b>(M047) (M124)</b>
DOE Order 205.1A	12/4/06	Department of Energy Cyber Security Management <b>(M090)</b>
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CRD O 210.2	06/16/06	DOE Corporate Operating Experience Program <b>(M077)</b>
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SCRD M 231.1-2	7/24/06	Occurrence Reporting and Processing of Operations Information Revision1 <b>(M057) (06-AMD-043) (M068)</b>



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DOCUMENT NUMBER	DATE	TITLE
DOE M 435.1-1	07/09/99	Radioactive Waste Management Manual
DOE M 441.1-1	03/07/08	Nuclear Material Packaging <b>(M130)</b> The order is effective regardless of comment above at (b)
RL/REG-2000-04	07/03	Industrial Health and Safety Oversight Plan <b>(M033)</b>
DOE N 234.1	02/27/08	Reporting of Radioactive Sealed Sources <b>(M130)</b> The order is effective regardless of comment above at (b)
DOE O 221.1A	04/19/08	Reporting Fraud, Waste, and Abuse to the Office of Inspector General <sup>1</sup> <b>(M133)</b>
DOE O 221.2A	02/25/08	Cooperation with the Office of Inspector General <sup>1</sup> <b>(M133)</b>
DOE O 226.1A	7/31/07	Implementation of Department of Energy Oversight Policy <b>(M069) (M108)</b>
DOE O 241.1	08/17/98	Scientific and Technical Information Management
DOE O 350.1, Chg 1	05/08/98	Contractor Human Resource Management Program
DOE O 414.1C	6/17/05	Quality Assurance <b>(M066)</b>
DOE O 425.1C	03/13/03	Start and Restart of Nuclear Facilities <b>(M033)</b>
DOE O 413.3A	07/28/06	Program and Project Management for the Acquisition of Capital Assets <b>(M055) (M076)</b>
DOE M 413.3-1	03/28/03	Project Management for the Acquisition of Capital Assets <b>(M055)</b> Applicable to Standard 5 only <b>(A164)</b> .
DOE O 435.1, Chg 1	08/28/01	Radioactive Waste Management <b>(Implementation of this Order using the graded approach; approved by 04-WEC-004; CCN 081173 satisfies the comment above at (b).) (M130)</b>
DOE O 442.1A & Supplemented Rev. 1	06/06/01	Department of Energy Employee Concerns Program <b>(A029)</b>
DOE O 471.3	4/9/03	Identifying and Protecting Official Use Only Information <b>(M087)</b>
DOE M 471.3-1	4/9/03	Manual for Identifying and Protecting Official Use Only Information <b>(M087)</b>
DOE O 475.1	12/10/04	Counterintelligence Program <b>(M071)</b>
SCSP	5/9/06	Richland Regional Office Site Counterintelligence Support Plan Hanford Site - Bechtel National, Inc. <b>(M071)</b>
DOE O 551.1C <sup>2</sup>	06/24/08	Official Foreign Travel <b>(M141)</b>
DOE/EM-0093	12/96	Waste Acceptance Product Specifications for Vitrified High Level Waste Forms (WAPS) Revision 2 <b>(M114)</b>
DOE/ORP-2000-06	09/27/00	River Protection Project, Project Management Plan
DOE/RL-88-21	10/01/96 12/21/99	Double-Shell Tank Unit Permit Application
DOE/RL-94-02	04/95	Hanford Emergency Response Plan (Revision 3, March 2009) <b>(M152)</b>
DOE/RW-0333P	10/01/08	Quality Assurance Requirements and Description for the Civilian Radioactive Waste Management Program (QARD) – Revision 20 <b>(M099) (M134)</b>
DOE/RW-0351	5/31/07	Waste Acceptance System Requirements Document (WASRD) - Revision 5 <b>(M114)</b>
HFID 232-1B	09/08/99	Notification and Reporting of Operations Information
06-AMD-050	08/28/06	Office of Environmental Management Interim Guidance, "Safety Integration into Early Phases of Environmental Management Facility Design." <b>(M084)</b>
DOE M 442.1-1	11/16/06	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health,

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DOCUMENT NUMBER	DATE	TITLE
		Contractor Requirements Document <b>(M095)</b>
DOE M 450.4-1	11/01/06	Integrated Safety Management System Manual. Attachment 1 - Contractor Requirements Document. <b>(M097)</b>
DOE/RW-0511, Volume I, Rev. 3	01/2007	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 <b>(M114)</b>
DOE STD 3009	1994	Preparation Guide for DOE Nonreactor Nuclear Facility Safety Analysis Reports (Change Notice 3, March 2006) <b>(A029) (M152)</b>
DOE M 470.4-1; DOE M 470.4-2	08/26/05	Safeguards and Security Program Planning and Management (Sections/Chapters listed in CCN 182640); Physical Protection (Sections/Chapters listed in CCN 182640) <b>(M136)</b>
DOE M 470.4-4A	01/16/09	Information Security Manual (Contractor scope limited to the OPSEC requirements listed in ORP Letter 08-ESQ-318; CCN 192555) <b>(M145)</b>
DOE O 5480.20A, Change 1	07/12/01	Personnel Selection, Qualification, and Training requirements for DOE Nuclear Facilities <b>(M152)</b>
DOE M. 470.4-2A	07/23/09	Physical Protection (Contractor shall implement consistent with 08-ESQ-116 (CCN 181839) and confirmed by CCN 208288) <b>(A164)</b>

4. Update Section J, *List of Attachments*, Attachment F, *Key Personnel* as follows:

FROM:

<u>Name</u>	<u>Position</u> (M110) (M130) (M133) (M147) (M152)
Frank Russo	Project Director
Richard (Rick) Bradford	Project Manager
William (Bill) Gay III	Assistant Project Director (Quality, Safety & Plant Operations)
Rayford Patterson	Area Project Manager (High-Level Waste)
Tyrone Troutman, Jr.	Area Project Manager (Pretreatment)
William T. Clements	Area Project Manager (Low Activity Waste/Balance of Facilities/Analytical Laboratory)
Donna Busche	E&NS Manager
David J. Jantosik	Quality and Performance Assurance Manager
Dennis Hayes	Plant Operations Manager
Barbara Rusinko	Manager of Engineering
David F. Leeth	Manager of Construction
Nikki Grover	Assistant Project Director (Business Services)
Greg Ashley	Project Technical Director

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Anton R. (Tony) Veirup  
Mark Watts

Prime Contracts Manager  
Manager, Procurements and Subcontracts

TO:

<u>Name</u>	<u>Position</u> (M110) (M130) (M133) (M147) (M152) (A164)
Frank Russo	Project Director
Richard (Rick) Bradford	Project Manager
William (Bill) Gay III	Assistant Project Director (Quality, Safety & Plant Operations)
Rayford L. Patterson	Area Project Manager (High-Level Waste)
Tyrone Troutman, Jr.	Area Project Manager (Pretreatment)
William T. Clements	Area Project Manager (Low Activity Waste/Balance of Facilities/Analytical Laboratory)
Donna Busche	E&NS Manager
David J. Jantosik	Quality and Performance Assurance Manager
Dennis Hayes	Plant Operations Manager
Barbara Rusinko	Manager of Engineering
David F. Leeth	Manager of Construction
Nikki Grover	Assistant Project Director (Business Services)
Greg Ashley	Project Technical Director
Anton R. (Tony) Veirup	Prime Contracts Manager
Mark Watts	Manager, Procurement and Subcontracts

5. Updated Section J, *List of Attachments*, Attachment J, *Advance Understanding on Costs*, paragraph 1 to reflect revised *Bechtel Systems & Infrastructure, Inc. Relocation Policy*, Revision 15, dated January 1, 2010 as follows:

FROM:

Allowable costs for WTP project-specific travel and relocation shall be in accordance with the Bechtel Systems & Infrastructure, Inc. (BSII) policy dated July 3, 2008 (Revision 14), effective July 3, 2008 (M155), submitted under BNI letter CCN 176620 dated July 21, 2008 (M155). However, payments made under 2.7 d) [previously 3.7 d) under Revision 3] and 3.17 c) therein for tax assistance "gross up" shall be an unallowable cost prior to July 29, 2002, and an allowable cost thereafter. (M134)

TO:

Allowable costs for WTP project-specific travel and relocation shall be in accordance with the Bechtel Systems & Infrastructure, Inc. (BSII) policy dated January 1, 2010 (Revision 15), effective January 1, 2010 (A164), submitted under BNI letter CCN 210586 dated December 30, 2009 (A164). However, payments made under 2.7 d) [previously 3.7 d) under Revision 3] and 3.17 c) therein for tax

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assistance "gross up" shall be an unallowable cost prior to July 29, 2002, and an allowable cost thereafter. **(M134)**

- Update Section J, Attachment J, *Advance Understanding of Cost*, table 13-B. *Not-To-Exceeds Not Included in Modification No. A143 Definitization (M155)* to definitize PSAR and JCDPI based as follows:

The table is replaced as follows:

13-B. Not-To-Exceeds Not Included in Modification No. A143 Definitization (M155)		
DOCUMENT ID.	TITLE	DEFINITIZATION MODIFICATION NO.
BCP-24590-06-02279	Expansion of DWP Requirements (permit Modifications) <b>(M122) (M130)</b>	
ORP 08-NSD-011 (05/20/08) (CCN 179512) TN 24590-06-03487	ORP Direction to Implement New Preliminary Safety Analysis Report (PSAR) Updates <b>(M136)</b>	A164
ORP 08-NSD-057 (10/09/08) (CCN 188218) TN 24590-06-03752	Direction to Implement New Safety Classification Process for the Waste Treatment and Immobilization Plant (WTP) (M141)	
ORP 08-NSD-059 (10/15/08) (CCN 188217) TN 24590-06-03753	Direction to Implement New Justification for Continued Design, Procurement, and Installation (JCDPI) (M152)	A164
Modification M090 & 09-AMD-205 (07/18/08) (CCN 202423) TN 24590-06-02145 & -02381	Direction to Implement DOE O 205.1A, Cyber Security Management Program (M155)	
Modification M154 TN 24590-06-04133	Direction to Implement Pretreatment Engineering Platform (PEP) dry layup (M155)	

- Update Section J, Attachment J, Sub-Attachment B, to delete three Trends/Modification Items from the list of exclusions.

The three trends/modification items deleted from this list are as follows:

TN-24590-06-03487	Implement Directed PSAR Update Process
TN-24590-06-03753	Justification for Continued Design, Procurement, and Installation
M136 Item 3c	Implement New Preliminary Safety Analysis report (PSAR) Updates

The list of exclusions is replaced in full as follows:

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Trend #	Trend Description
TN-24590-06-02279	Expansion of DWP Requirements (Permit Modifications)
TN-24590-06-02381	DOE Order 205-1A Cyber Security Management Program
TN-24590-06-02728	M-12 Engineering Scale Pretreatment System (Design, Procure, Install)
TN-24590-06-02778	Reduction of Core Bores for HPAV Active Controls
	Deleted (M158)
TN-24590-06-03109	Plant Material Bulk Steel EAC Increase
TN-24590-06-03123	EPD Funding to Support EFRT M12 PT Engineering Platform Completion
TN-24590-06-03146	EPD Funding to Support EFRT M12 PT Engineering Platform
TN-24590-06-03204	EPD Funding to Support EFRT M12 PTF Engineering Platform Completion, Part 3
TN-24590-06-03242	PEP Install, Plan Site Integrated and Shakedown Testing, & Oversight
TN-24590-06-03282	Additional HPAV Active Controls
TN-24590-06-03317	BNI and DOE HPAV Test Program
	Deleted (M158)
TN-24590-06-03394	ABAR to Implement DOE S 1066 Chpt 14 for Nuclear Filter Plenum Fire Protection
TN-24590-06-03405	PEP Site Integrated Testing and Shakedown
	Deleted (A164)
TN-24590-06-03503	PEP Phase 1 Testing, Trend 1
TN-24590-06-03527	Engineering Study and Support Scope for Standard 1066
TN-24590-06-03533	Quantity and Material Escalation for Pipe Supports Impacting Control Account 1.08 MT
TN-24590-06-03537	Increase Fuel Surcharge
	Deleted (A158)
TN-24590-06-03708	Implementation of Features Equivalent to DOE-STD-1066
TN-24590-06-03752	Safety Classification Process for the Waste Treatment and Immobilization Plant
	Deleted (A164)
TN-24590-06-03754	Increased Cost for HPAV Test Program
TN-24590-06-03781	Evaluation and Interim Report on Updated Radioactive Source Term
TN-24590-06-03820	Re-Evaluation Of HPAV Design Strain Criteria
TN-24590-06-03823	Pretreatment Engineering Platform Shakedown Testing Extension
TN-24590-06-03827	Additional Support for Material at Risk Design Basis
TN-24590-06-03859	Additional Impacts Associated with 10 CFR 851
TN-24590-06-03860	Additional Escalation Impacts Beyond May 2006 EAC Rates Through Jan 2009
TN-24590-06-03861	Received Vendor & Subcontractor Claims Due to DOE Impacts

Modification #	Modification Description
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M090	Implement DOE O 205.1A, Department of Energy Cyber Security Management
M101	Maximum Available Control Technology and Destructive & Removal Efficiency Testing
M122	Process Changes for Revised Dangerous Waste Permit
M136 Item 3c	Deleted (A164)
M141 Item b	Implement New Safety Classification Process

8. **Contractor's Statement of Release:** In consideration of the Modification agreed to herein as complete equitable adjustments, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the changes as noted in the modification.
9. **All other terms and conditions remain unchanged.**

**(End of Modification)**