AMENDMENT OF SOLICITAT	ION/MODIFICATION	OF CONTI	RACT	1. CONTI	RACT ID CODE	PAGE
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	1.4 PEOU	NT COLUMN TO THE			OF 2 PAGE
M062	See Block 16 C	4. REQUI	SITION/PURCHASE RE	Q. NO. 5	5. PROJECT NO. (If applicable
6. ISSUED BY U.S. Department of Energy National Nuclear Security Administra Manager, Los Alamos Site Office 3747 West Jemez Road Los Alamos, NM 87544			STERED BY (If other tha	an Item 6)	CODE	S
8. NAME AND ADDRESS OF CONTRACT Los Alamos National Security 4200 West Jemez Road		e, ZIP Code)		9A. AMEN NO.	IDMENT OF SOLIC	CITATION
Suite 400				9B. DATE	D (SEE ITEM 11)	
Los Alamos, NM 87544				CONTRAC	DIFICATION OF OT/ORDER NO. AC52-06NA2539	
CODE	FACILITY CODE			10B. DATE	ED (SEE ITEM 13) ember 21, 2005	0
The above numbered solicitation is ar extended.	HIS ITEM ONLY APPLIES	TO AMENDM	NTS OF SOLICITAT	IONS		
(a) By completing Items 8 and 15, and retusing the submitted; or (c) By separate letter or ACKNOWLEDGMENT TO BE RECEIVED SPECIFIED MAY RESULT IN REJECTION change may be made by telegram or letter, the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION	O AT THE PLACE DESIGN, N OF YOUR OFFER. If by provided each telegram or let	ATED FOR TH	RECEIPT OF OFFER	idment num RS PRIOR	nbers. FAILURE TO THE HOUR	OF YOUR
	M APPLIES ONLY TO MO					
A. THIS CHANGE ORDER IS ISSUE CONTRACT ORDER NO. IN ITEM	J PURSUANT TO (Specify or	ithority): THE (HANGES SET FORTH I	1 14. N ITEM 14	ARE MADE IN THE	Ē T
B. THE ABOVE-NUMBERED CONTROPORTION office, appropriation date, etc.) SE C. THIS SUPPLEMENTAL AGREEMS Clause I-123 - DEAR 970.52 D. OTHER (Specify type of modification)	NT IS ENTERED INTO PUR	SHANT TO ALIT	LODITY OF FAR 43	.103(b).		
E. IMPORTANT: Contractor is not	ot, M is required to sign this	document and re	turn3 copies t	o the issuing	g office.	
TOTAL AMENDINENT/MODI	FICATION (Organized by UC	F section headin	gs, including solicitation/	contract sub	nject matter where i	
The purpose of this Modificati with the new Section J, Appen	on is to modify and re dix G, Attachment to t	place Section his modification	n J, Appendix G, <i>L</i> tion.	ist of Ap	plicable Direct	tives,
See Page 2.						
except as provided herein, all terms and concorce and effect. 5A. NAME AND TITLE OF SIGNER (Type of the control of the contro	fitions of the document referen					
Rueben M. Rafferty, Office Di Prime Contract Management Los Alamos National Security	rector Office , LLC	Contr	ND TITLE OF CONTRACT t M. Poole acting Officer lames Site Office	CTING OFF	ICER (Type or prin	t)
5B. CONTRACTOR/OFFEROR (Signature of person authorized to signature)	15C. DATE SIGNED 1/15/09	16B. UNITED	TES OF AMERICA My for atture of Contracting Office	cer)	16C. DATE SIGNED	2009

54-01-152-8070 .OUS EDITION UNUSABLE ()

30-105

STANDARD FORM 30 (REV. 10-83) temp03.dot Prescribed by GSA FAR (48 CFR) 53.243

Los Alamos National Security, LLC Contract No. DE-AC52-06NA25396 Modification No. M062 Page 2 of 2

Part III, Section J, Appendix G, List of Applicable Directives, is modified as follows and replaced with updated Section J, Appendix G, List of Applicable Directives, Attachment 1 to this modification

The following DOE Directives are added:

NUMBER	DATE	TITLE
DOE O 221.2A	02/25/08	
DOE M 142.2-1	09/04/08	Cooperation with the Office of Inspector General Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA
DOE M 470.3B	08/12/08	Graded Security Protection Policy
DOE STD 3015-2004	May 2004	Nuclear Explosive Safety Evaluation Process
DOE HDBK 1169-2003	Dec 2003	Nuclear Air Cleaning (Chapter 8; Appendix A,B,C)
NAP-14.1C	05/02/08	NNSA Baseline Cyber Security Program
NAP-14.2C	05/02/08	NNSA Certification and Accreditation Process for Information Systems
NAP-14.3B	05/02/08	Transmission of Restricted Data Over Secret Internet Protocol Router Network (SIPRNet)

The following DOE Orders & Directives are deleted in their entirety:

NUMBER	DATE	TITLE
DOE O 221.2	03/22/01	Cooperation with the Office of Inspector General
DOE M 470.3A	11/29/05	Design Basis Threat Policy (U)
DOE STD 3015-2001	February 2001	Nuclear Explosive Safety Study Process
NAP-14.1B	09/27/06	NNSA Cyber Security Program
NAP-14.2B	09/27/06	Baseline Cyber Security Requirements
NAP-14.3A	04/05/06	NNSA Protection Profile and Security Target Requirements
NAP-14.4A	04/05/06	Open Public Unrestricted Access Information Group Protection Profiles
NAP-14.5A	04/05/06	Unclassified Protected Information Group Protection Profile
NAP-14.6A	04/05/06	Unclassified Mandatory Protection Information Group Protection Profile
NAP-14.7A	04/05/06	Confidential/Secret Non-Nuclear Weapons Data Information Group Protection Profile
NAP-14.8A	04/05/06	Secret Restricted Non-Nuclear Weapons Data Information Group Protection Profile
NAP-14.9A	04/05/06	Confidential Restricted Data, Sigmas 1 Through 13 Information Group Protection Profile
NAP-14.10A	04/05/06	Secret Restricted Data, Sigmas 1 Through 13 and 15 Information Group Protection Profile
NAP-14.11A	04/05/06	Secret Restricted Data, Sigma 14 Information Group Protection Profile
VAP-14.12	04/05/06	NNSA Contingency Planning and Operations
NAP-14.13	04/05/06	Transmission of Restricted and Formerly Restricted Data Over
NAP-14.14	08/09/06	the Secret Internet Protocol Router Network (SIPRNet) Top Secret Information Group Protection Profile
NAP-14.15	08/09/06	Top Secret Restricted Data Information Group Protection Profile
NAP-14.16	08/09/06	Clearing, Sanitizing, and Destroying Information System Storage Media, Memory Devices, and Other Related Hardware

PART III - SECTION J

APPENDIX G

January XX, 2009

[Modified by Modification No. A009, A015, A018, A019, A021, A027, M033, M041, M042, M046, M056, M062]

LIST OF APPLICABLE DIRECTIVES

In addition to the list of applicable directives listed below, the Contractor shall also comply with supplementary directives, (e.g., manuals) which are invoked by a Contractor Requirements Document (CRD) attached to a directive. Electronic copies of these documents are available at the following Websites:

http://directives.doe.gov/cqi-bin/currentchecklist

http://www.directives,doe.gov/directives/globesearch-adv.html

http://www.nnsa.doe.gov/

http://www.eh.doe.gov/techstds/standard/standard.html

http://int.lanl.gov/orga/pcm/directives/html

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod #
ANSI 8.22	1997	Nuclear Criticality Safety Based on Limiting and Controlling Moderators	Date
ANSI 8.23	1997	Nuclear Criticality Accident Emergency Planning and Response	
DOE O 110.3	11/03/99	Conference Management	-
DOE O 130.1	09/29/95	Budget Formulation	
DOE M 140.1-1B	03/30/01	Interface with the Defense Nuclear Facilities Safety Board	
DOE P 141.1	05/02/01	Department of Energy Management of Cultural Resources	
DOE O 142.1	1/31/04	Classified Visits Involving Foreign Nationals	A019 04/26/07
DOE O 142.2A	12/15/06	Safeguards Agreement and Protocol with the IAEA	M033 01/09/08
DOE M 142.2-1	09/04/08	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA	M062 01/15/09
DOE O 142.3, Chg 1	02/28/08	Unclassified Foreign Visits and Assignment	M046 06/11/08
DOE O 151.1C	11/02/15	Comprehensive Emergency Management System	A015
DOE O 153.1	06/27/07	Departmental Radiological Emergency Response Assets	01/25/07 M033
DOE N 153.2	08/11/03	Connectivity to National Atmospheric Release Advisory Center (NARAC)	01/09/08
DOE O 200.1	09/30/96	Information Management Program	

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
DOE M 200.1-1,	02/15/00	Public Key Cryptography and Key	Date
Chapter 9		Management	
DOE O 205.1A	12/04/06	Department of Energy Cyber Security	A019
DOE MOOF 4.0		Management Program	04/26/0
DOE M 205.1-3	04/17/06	Telecommunications Security Manual	A019
DOE M 205.1-4		2 A A C C C C C C C C C C C C C C C C C	04/26/0
DOL W 205.1-4	03/08/07	National Security System Manual	A021
DOE N 206.4	00/00/07		06/11/0
DOL 14 200.4	06/29/07	Personal Identity Verification	M033
DOE O 210.2	06/12/06	D05.0	01/09/08
	00/12/06	DOE Corporate Operating Experience	A021
DOE O 221.1A	04/19/08	Program	06/11/07
	04/19/06	Reporting Fraud, Waste, and Abuse to the	M056
DOE O 221.2A	02/25/08	Office of Inspector General	10/08/08
	02/25/00	Cooperation With The Office of Inspector General	M062
DOE N 221.14	12/20/07		01/15/09
	.2/20/07	Reporting Fraud, Waste, and Abuse	M046
DOE O 224.2	03/22/01	Auditing of Programs and Operations	06/11/08
DOE O 225.1A	11/26/97	Accident Investigations	
DOE O 226.1A	07/31/07		
	01701707	Implementation of DOE Oversight Policy	M033
DOE M 231.1-1A Chg.	09/09/04	Environment, Safety, and Health Reporting	01/09/08
2		Manual Manual	M033
DOE M 231.1-2	08/19/03	Occurrence Reporting and Processing of	01/09/08
		Operations Information	
DOE N 234.1	02/27/08	Reporting of Radioactive Sealed Sources	M046
DOFOCIAL			06/11/08
DOE O 241.1A Chg. 1	10/14/03	Scientific and Technical Information	00/11/00
DOE O 243.1		Management	
DOE 0 243.1	02/03/06	Records Management Program	A018
DOE O 243.2	00/00/00		03/29/07
DOL 0 243.2	02/02/06	Vital Records	A021
DOE O 251.1B	08/16/06	D	06/11/07
OC 0 201.1B	00/10/06	Departmental Directives Program	A019
DOE M 251.1-1B	08/16/06	Deportmental Division D	04/26/07
	00/10/00	Departmental Directives Program Manual	A019
DOE O 252.1	11/19/99	Technical Standards Deserved	04/26/07
DOE O 311.1B	02/12/03	Technical Standards Program	
	02/12/03	Equal Employment Opportunity and Diversity Program	
DOE O 341.1	12/01/03	Federal Employee Health Services	-
OOE O 350.1 Chg 1	05/08/98	Contractor Human Possures Management	
	55/55/55	Contractor Human Resources Management	A018
OOE O 350.2A	10/29/03	Use of Management and Operating or Other	03/29/07
		Facility Management Contractor Employees	
		for Services to DOE in the Washington, D.C.,	
		Area	
OOE O 412.1A	04/21/05	Work Authorization System	A019
		- Jotom	04/26/07
OOE O 413.1A	04/18/02	Management Control Program	04/20/07

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date
DOE O 413.2B	04/19/06	Laboratory Directed Research &	A019
DOE 0.440.04	9	Development	04/26/0
DOE O 413.3A	07/28/06	Program & Project Management for the	A021
DOE M 413.3-1	+	Acquisition of Capital Assets	06/11/0
	03/28/03	Project Management for the Acquisition of Capital Assets	
DOE O 414.1C	06/17/05	Quality Assurance	A009 09/29/0
DOE O 420.1B	12/22/05	Facility Safety	A015 01/25/07
DOE G 420.1-1	03/28/00	Nonreactor Nuclear Safety Design Criteria and Explosives Safety Criteria Guide for use with DOE O 420.1, Facility Safety	01/25/01
DOE O 420.2B	07/23/04	Safety of Accelerator Facilities	-
DOE G 421.1-2	10/24/01	Implementation Guido for Use to Day	
DOE O VOL		Implementation Guide for Use in Developing Documented Safety Analyses to Meet Subpart B of 10 CFR 830	
DOE G 423.1-1	10/24/01	Implementation Guide For Use In Developing Technical Safety Requirements	
DOE G 424.1-1A	07/24/06	Implementation Guide For Use In Addressing	A019
DOE 0. 105 10		Unreviewed Safety Question Requirements	04/26/07
DOE 0 425.1C	03/13/03	Startup and Restart of Nuclear Facilities	0 1/20/07
DOE O 430.1B Chg.1	02/08/08	Real Property Asset Management	M046 06/11/08
DOE O 430.2B	02/27/08	Departmental Energy, Renewable Energy, and Transportation Management	M046 06/11/08
DOE O 433.1A	02/13/07	Maintenance Management Program for DOE Nuclear Facilities	A021 06/11/07
DOE O 435.1 Chg. 1	08/28/01	Radioactive Waste Management	00/11/07
DOE M 435.1-1 Chg. 1	06/19/01	Radioactive Waste Management Manual	
DOE M 440.1-1A	01/09/06	DOE Explosives Safety Manual	M033
DOE O 440.2B Chg. 1	11/19/06	Aviation Management and Safety	01/09/08 A019
DOE M 441.1-1	03/07/08	Nuclear Material Packaging Manual	04/26/07 M056
DOE O 442.1A	06/06/01	Department Of Energy Employee Concerns Program	10/08/08
DOE M 442.1-1	11/16/06	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety, and Health	A019 04/26/07
DOE O 443.1A	12/20/07	Protection of Human Subjects	M042
OOE O 450.1A	06/04/08	Environmental Protection Program	04/14/08 M056
OOE P 450.4	10/15/96	Safety Management Strategy D. II	10/08/08
OOE M 450.4-1	11/01/06	Safety Management System Policy Integrated Safety Management Systems	M056
OOE P 450.7	08/02/04	Manual	10/08/08
OOE O 452.1C	09/20/05	Environment, Safety and Health (ESH) Goals Nuclear Explosive and Weapon Surety Program	A019 04/26/07

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod # Date	
DOE O 452.2C	06/12/06	Safety of Nuclear Explosive Operations	A019	
DOE O 452.3	06/08/05	Management of the Department of Energy	04/26/01 A021	
DOE M 452.4-1A	03/11/04	Nuclear Weapons Complex Protection of Use Control Vulnerabilities and	06/11/07	
DOE O 452.4A	12/17/01	Designs		
1 15 15 15 15 15 15 15 15 15 15 15 15 15		Security and Control of Nuclear Explosives and Nuclear Weapons		
DOE O 452.6	10/19/06	Nuclear Weapon Surety Interface with the Department of Defense	A019	
DOE P 456.1	09/15/05	Secretarial Policy Statement on Nanoscale Safety	04/26/07 M042	
DOE O 457.1	02/07/06	Nuclear Counterterrorism	04/14/08 A019	
DOE M 457.1-1	08/10/06	Control of law in the	04/26/07	
		Control of Improvised Nuclear Device Information	A019 04/26/07	
DOE O 460.1B	04/04/03	Packaging and Transportation Safety	07/20/01	
DOE O 460.2A	12/22/04	Departmental Materials Transportation & Packaging Management	A019 04/26/07	
DOE M 460.2-1A	06/04/08	Radioactive Material Transportation Practices Manual	M056	
DOE O 461.1A	04/26/04	Packaging and Transfer or Transportation of	10/08/08	
DOE M 461.1-1 Chg. 1	07/26/05	Materials of National Security Interest Packaging and Transfer of Materials of National Security Interest Manual	A015	
DOE P 470.1	05/08/01	Integrated Safeguards and Security	01/25/07	
DOE O 470.2B	10/31/02	Management (ISSM) Policy Independent Oversight and Performance		
DOE O 470.3B	08/12/08	Assurance Program Graded Security Protection Policy	M062	
DOE M 470.4-1 Chg. 1	03/07/06	Safeguards and Security Program Planning	01/15/09	
DOE M 470 4 2 Cha 4	00/07/00	and Management	A015 01/25/07	
DOE M 470.4-2 Chg. 1	03/07/06	Physical Protection	A015 01/25/07	
DOE M 470.4-3 Chg. 1	03/07/06	Protective Force	A015	
DOE M 470.4-4 Chg. 1	06/29/07	Information Security	01/25/07 M033	
DOE M 470.4-5	08/26/05	Personnel Security	01/09/08 A015	
DOE M 470.4-6 Chg. 1	08/14/06	Nuclear Material Control and Accountability	01/25/07 A015	
DOE M 470.4-7	08/26/05		01/25/07	
		Safeguards and Security Program References	A015 01/25/07	
DOE O 471.1A	06/30/00	Identification and Protection of Unclassified Controlled Nuclear Information	31/23/01	
DOE M 471.1-1 Chg. 1	10/23/01	Identification and Protection of Unclassified Controlled Nuclear Information Manual		

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	Mod #
DOE M 471.2-3B	10/29/07	Special Access Program Policies,	M046
DOE 0 171 0		Responsibilities, and Procedures	06/11/08
DOE O 471.3	04/09/03	Identifying and Protecting Official Use Only Information	00/11/00
DOE M 471.3-1	04/09/03	Manual for Identifying and Protecting OUO Information	
DOE O 475.1	12/10/04	Counterintelligence Program	A015
DOE M 475.1-1B	08/28/07	Identifying Classified Information	01/25/07 M033
DOE O 475.2	08/28/07	Identifying Classified Information	06/11/08 M046
DOE O 481.1C	01/24/05	Work For Others (Non-DOE Funded Work)	06/11/08 M056
DOE M 481.1-1A Chg 1	09/28/01	Poimhumal I M. I C. M.	10/08/08
	00/20/01	Reimbursable Work for Non-Federal Sponsors Process Manual	
DOE O 482.1	01/12/01	DOE Facilities Technology Partnering	
		Programs	
DOE M 483.1-1	01/12/01	DOE Cooperative Research & Development	-
DOE 0 400 4		Agreements Manual	
DOE 0 483.1	01/12/01	DOE Cooperative Research & Development Agreements	
DOE O 484.1	08/17/06	Reimbursable Work for Department of	A018
DOE O 522.1	1.100	Homeland Security	03/29/07
	11/03/04	Pricing of Departmental Materials and Services	
DOE O 534.1B	01/06/03	Accounting	
DOE 0 544.1	10/12/04	Priorities and Allocation Program	
DOE O 551.1C	06/24/08	Official Foreign Travel	M056
DOE G 573.1-1	10/03/05	Mail Services Users Guide	10/08/08 A019
DOE O 580.1 Chg. 1	05/08/08	Department of Energy Personal Property	04/26/07
		Management Program	M056 10/08/08
DOE O 1220.1A Chg. 1	06/28/92	Congressional & Intergovernmental Affairs	10/00/08
DOE O 1230.2	04/08/92	American Indian Tribal Government Policy	
DOE O 1450.4	11/12/92	Consensual Listening-In to or Recording Telephone/Radio Conversations	-
DOE O 5400.5 Chg. 2	01/07/93	Radiation Protection of the Public & the Environment	
DOE O 5480.19 Chg. 2	10/23/01	Conduct of Operations Requirements for DOE Facilities	
DOE O 5480.20A Chg. 1	07/12/01	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear	
DOE O 5480.30 Chg. 1	03/14/01	Facilities	
DOE O 5610.2 Chg 1.	08/01/80	Nuclear Reactor Safety Design Criteria	
DOE O 5639.8A		Control of Weapon Data	
- C C C C C C C C C C C C C C C C C C C	07/23/93	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities	

NUMBER	DATE	DOE DIRECTIVE TITLE	Mod #
DOE O 5660.1B	05/26/94	Management of Nuclear Materials	Date
DOE O 5670.1A	01/15/92	Management and Control of Foreign Intelligence	
SEN-22-90	05/08/90	DOE Policy on Signatures of RCRA Permit	
SEN-35-91	09/09/91	Applications Nuclear Safety Policy	
DOE HDBK 1169-2003	December	Nuclear Air Cleaning (Chapter 8, Appendix	M062
DOE-STD-1027-92, Chg 1	2003 September	A, B, C Hazard Categorization and Accident Analysis	01/15/09
S	1997	1 echniques for Compliance with DOE Order 5480.23 Nuclear Safety Analysis Reports	
DOE-STD-1183-2004	April 2004	Nuclear Safety Specialist Functional Area Qualification Standard	
DOE-STD-1186-2004	August 2004	Specific Administrative Controls	M042
DOE-STD-1189-2008	March 2008	Integration of Safety Into The Design Process	04/14/08 M046
DOE-STD-3009-94,	April	Preparation Guide for U.S. DOE Nonreactor	06/11/08
Change Notice 3	2002	Nuclear Facility Safety Analysis Reports	M042
DOE-STD-3011-2002	December 2002	Guidance for Preparation of Basis for Interim Operation (BIO) Documents	04/14/08
DOE-STD-3013-2004	April 2004	Stabilization, Packaging, and Storage of Plutonium-Bearing Materials	
DOE-STD-3014-96	October 1996	Accident Analysis for Aircraft Crash into Hazardous Facilities	
DOE-STD-3015-2004	May 2004	Nuclear Explosive Safety Evaluation Process	M062
QC-1, Revision 10	02/10/04	DOE/NINSA Weepen Out I'm D. I'm (200 II)	01/15/09
	327.0701	DOE/NNSA Weapon Quality Policy (QC-1) Note: This document is not accessible to the public.	
56XB, Revision 2	02/27/04	Development and Production Manual	
	1	Note: This document is not accessible to the public.	
NAP-3	O7/18/02	NNSA Environment, Safety and Health Management Process Guidance	-
NAP-9A	01/31/05	SECON Implementation	
NAP-14.1C	05/02/08	NNSA Baseline Cyber Security Program	M062
NAP-14.2C	05/02/08	NNSA Certification and Accreditation	01/15/09 M062
NAP-14.3B	05/02/08	Process for Information Systems Transmission of Restricted Data Over Secret	01/15/09 M062
BOP 003.0404	07/28/04	Internet Protocol Router Network (SIPRNet) Requests to Defense Contracting Audit Agency (DCAA) for Audit of M&O Contractor Subcontracts	01/15/09
BOP 003.08	05/30/08	Management and Operating Contractor Business Meals and Light Refreshment	M046 06/11/08