| EXCEPTION TO SF 30, APPROVED BY NARS 5/79 | | | | | | |
|--|--|-------------------|--|-----------------|--|---------------------------------------|
| AMENDMENT OF SOLICITATION/MOI | DIFICATIO | ON OF CO | NTRACT | 1. C | ONTRACT ID CODE | PAGE 1 OF 1 |
| 2. AMENDMENT/MODIFICATION NO. M076 | 3. EFFECT April 9 th , 2 | IVE DATE | 4. REQUISITION/PUI NA27344 | I RCHA | SE REQ. NO. | 5. PROJECT NO. (If |
| 6. ISSUED BY CODE | | | 7. ADMINISTERED B | Y (If ot | her than Item 6) | applicable) |
| U.S. Department of Energy/NNSA SC | | | U.S. Department of | | | |
| M&O Contract Support Division | | | Livermore Site Off | fice N | I/S L-293 | |
| P.O. Box 5400 | | | 7000 East Avenue | | | |
| Albuquerque, NM 87185-5400 | | | Livermore, CA 94 | 550 | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (N | lo., street, count | try, State, and | ZIP Code) | | 9A. AMENDMENT SOLICITATION NO. | OF |
| Lawrence Livermore National Security, LLC | 7 | | | | COLICITATION NO. | |
| Lawrence Livermore National Laboratory M | 1/S L-294 | | | | | |
| 7000 East Avenue Livermore, CA 94550 | | | | | | |
| Livermore, CA 94000 | | | | | OR DATED OF THE | |
| | | | | | 9B. DATED (SEE IT) 10A. MODIFICATION | |
| | | | | X | ORDER NO. DE-AC52-07NA27344 | |
| CODE | FACILITY C | ODE | | | 10B. DATED (SEE IT) | EM 13) |
| | TACILITIC | ODE | | | May 8, 2007 | |
| 11. THIS ITEM | MONLY APPI | LIES TO AMI | ENDMENTS OF SOLICITA | ATION | IS | · · · · · · · · · · · · · · · · · · · |
| The above numbered solicitation is amended as set fort tended. Offers must acknowledge receipt of this among | h in Item 14. | The hour and | date specified for receipt | of Offe | ers is extended. is | s not ex- |
| tended. Offers must acknowledge receipt of this amend following methods: (a) By completing Items 8 and 25, an amendment on each copy of the effect of the second copy. | nd returning | conies o | of the amendment. (h) Brz a | almore | rladaina vansint af this | |
| affection end of each copy of the offer submitted; or (c) is | By separate let | lter or teleora | m which includes a refere | nao to | the colicitation and area | ndment |
| numbers. FAILURE OF YOUR ACKNOWLEDGEMEN PRIOR TO THE HOUR AND DATE SPECIFIED MAY F | II IOBEREC | EIVED AT 11 | HEPLACE DESIGNATED | EOD' | PLIC DECEIDT OF ORDER | D.C. |
| change an oner already submitted, such change may be | e made by teles | gram or lettei | ', provided each telegram | or lette | nis amenament you des er makes reference to the | ire to |
| solicitation and this amendment, and is received prior to | o the opening | hour and da | te specified. | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (in see attached | If required) | | | | | |
| | PLIES ONLY | TO MODIFIC | CATIONS OF CONTRACT | re /OB | DEBC | |
| IT MODIFIES T | THE CONTRA | ACT/ORDER | NO AS DESCRIBED IN I | TEM 1 | A | |
| CONTRACT/ORDER OO. IN ITEM 10A. | JANT TO: (Spec | cify authority) T | HE CHANGES SET FORT | HINI | EM 14 ARE MADE IN | |
| B. THE ABOVE NUMBERED CONTRACT/OI appropriation data, etc.) SET FORTH IN ITEM | 1 14, PURSUAI | NT TO THE A | UTHORITY OF FAR 43.103 | TIVE (B). | CHANGES (such as changes | in paying office, |
| C. THIS SUPPLEMENTAL AGREEMENT IS E | NTERED INTO | O PURSUAN | TTO AUTHORITY OF: | | | |
| x Clause H-19 Modification Auth | nority, Cla | ause I-12 | 0 changes, and C | laus | e I-84 DOE Dire | ctives |
| D. OTHER (Specify type of modification and authority | y) | | | | | |
| E. IMPORTANT: Contractor \underline{X} is not, _ is required | ed to sign this o | document an | d return _ copies to the is | ssuing | office. | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICA feasible.) | ATION (Orga | mized by UCI | ^E section headings, includir | ıg solie | citation/contract subject 1 | natter where |
| journe to the same of the same | | | | | | |
| The contract is hereby modified to un The revised Appendix C is attached | Materany | |)E M 4/0.4-4A; In | itorn | nation Security N | Manual. |
| The revised Appendix G is attached. unchanged. | All otne | r terms, o | conditions, total e | estim | ate cost and fee | s remain |
| Except as provided herein, all terms and conditions of the docu- | mont referenced | } in Itam 04 | 104 1 | | | |
| Except as provided herein, all terms and conditions of the documents. 15A. NAME AND TITLE OF SIGNER (Type or print) | ment referenced | in item 9A or | 10A, as heretofore changed, r 16A. NAME AND TIT | emains LE OF | CONTRACTING OFFICE | e and effect. |
| | | | Ronna Promani, Co U.S. Department of 16B. UNITED STA | ontrac | ting Officer | LEK (1 ype or print) |
| 15B. CONTRACTOR/OFFEROR | 15C. DA SIGNED | | 16B. UNITED STA | TES O | F AMERICA | 16C. DATE SIGNED |
| | | | | | | , . |
| (Signature of person authorized to sign) | | | By Sagnature of Co | ntracti | ng Officer) | 4/29/2004 |
| | | 30-105 | | | STANDAR | D FORM 30 |

Modification No.: M076 Supplemental Agreement to

Contract No.: DE-AC52-07NA27344

Part III, Section J, Appendix G - 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/cgi-bin/currentchecklist

http://www.directives.doe.gov/directives/globsearch-adv.html

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

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

NOTE: Not Applicable (N/A); Some directives were ineligible for implementation plans as they we added to DE-AC52-07NA27344 at it's inception on 10/01/07. Effective Date column denotes LLNS directive acceptance date or date directive was added unilaterally. NSO Directives are available from NSO.

| DIRECTIVE NUMBER | DATE | DOE DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EFFECTIVE DATE |
|-----------------------------|----------|---|-------------------------------|----------|-------------------|
| DOE O 110.3A | 01/25/07 | Conference Management | N/A | M003 | 10/01/07 |
| DOE O 130.1 | 09/29/95 | Budget Formulation | N/A | M003 | 10/01/07 |
| DOE M 140.1-1B | 03/30/01 | Interface with the Defense Nuclear Facilities Safety Board | N/A ` | M003 | 10/01/07 |
| DOE O 142.1 | 01/13/04 | Classified Visits Involving Foreign Nationals | N/A | M003 | 10/01/07 |
| DOE M 142.2-1 | 09/04/08 | Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency | N | M065 | 11/05/08 |
| DOE O 142.2A | 12/15/06 | Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA | N/A | M003 | 10/01/07 |
| DOE O 142.3 Chg 1 | 06/18/04 | Unclassified Foreign Visits and Assignment | N | M037 | 04/15/08 |
| DOE O 150.1 | 05/08/08 | Continuity Programs | Y | M065 | 09/24/08 |
| DOE O 151.1C | 11/02/05 | Comprehensive Emergency Management System | N/A | M003 | 10/01/07 |
| DOE O 153.1 | 06/27/07 | Departmental Radiological Emergency Response Assets | N/A | M003 | 10/01/07 |
| DOE O 200.1A | 12/23/08 | Information Technology Management | N/A | M065 | 02/06/09 |
| DOE M 200.1-1, Chapter 9 | 02/15/00 | Public Key Cryptography and Key Management | N/A | M003 | 10/01/07 |

Part III, Section J, Appendix G - List of Applicable Directives

| DIRECTIVE NUMBER | DATE | DOE DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EFFECTIVE DATE |
|------------------|----------|---|-------------------------|----------|-------------------|
| DOE P 205.1 | 05/08/01 | Departmental Cyber Security Management Policy | N/A | M003 | 10/01/07 |
| DOE O 205.1A | 12/04/06 | Department of Energy Cyber Security Management Note: NAP-14.1C, 14.2C to 14.3B dated 05/02/08 are implemented through this directive. The NAPs are not accessible to the public. | Y | M037 | 10/01/07 |
| DOE M 205.1-3 | 04/17/06 | Telecommunications Security Manual Note: This document is not accessible to the public. | Y | M003 | 10/01/07 |
| DOE M 205.1-4 | 03/08/07 | National Security Systems Manual | Y | M003 | 10/01/07 |
| DOE M 205.1-5 | 08/12/08 | Cyber Security Process Requirements Manual This Manual is implemented by NAPs 14.1-C and 14.2-C dated 5/2/08. These NAPs are not accessible to the public. | N | M065 | 09/29/08 |
| DOE M 205.1-6 | 12/23/08 | Media Sanitization Manual This Manual is implemented by NAP 14.1-C dated 5/2/08. This NAP is not accessible to the public. | N | M065 | 02/04/09 |
| DOE M 205.1-7 | 01/05/09 | Security Controls for Unclassified Information Systems This Manual is implemented by NAPs 14.1-C and 14.2-C dated 5/2/08. These NAPs are not accessible to the public. | N | M069 | 03/05/09 |
| DOE M 205.1-8 | 02/08/09 | Cyber Security Incident Management Manual This Manual is implemented by NAPs 14.1-C and 14.2-C dated 5/2/08. These NAPs are not accessible to the public. | N | M069 | 03/05/09 |
| DOE O 206.1 | 01/16/09 | Department of Energy Privacy Program This Order is implemented by NAPs 14.1-C and 14.2-C dated 5/2/08. These NAPs are not accessible to the public. | N | M069 | 03/05/09 |
| DOE N 206.4 | 06/29/07 | Personal Identity Verification | | M003 | 10/01/07 |
| DOE N 206.5 | 10/09/07 | Response and Notification Procedures for Data Breaches Involving Personally Identifiable Information | N | M037 | 05/08/08 |
| DOE O 210.2 | 06/12/06 | DOE Corporate Operating Experience Program | | M003 | 10/01/07 |
| DOE O 221.1A | 04/19/08 | Reporting Fraud, Waste, and Abuse to the Office of Inspector General | N | M037 | 06/02/08 |
| DOE O 221.2A | 02/25/08 | Cooperation With The Office of Inspector General | N/A | M069 | 03/31/08 |

Part III, Section J, Appendix G - List of Applicable Directives

| DIRECTIVE NUMBER | DATE | DOE DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EFFECTIVE DATE |
|-----------------------|----------|---|-------------------------------|----------|-------------------|
| DOE O 225.1A | 11/26/97 | Accident Investigations | N/A | M003 | 10/01/07 |
| DOE O 226.1A | 07/31/07 | Implementation of Department of Energy Oversight Policy | N/A | M003 | 10/01/07 |
| DOE O 231.1A, Chg 1 | 06/03/04 | Environment, Safety, and Health Reporting | N/A | M003 | 10/01/07 |
| DOE M 231.1-1A, Chg 2 | 09/09/04 | Environment, Safety, and Health Reporting Manual | N/A | M003 | 10/01/07 |
| DOE M 231.1-2 | 08/19/03 | Occurrence Reporting and Processing of Operations Information | N/A | M003 | 10/01/07 |
| DOE N 234.1 | 02/27/08 | Reporting of Radioactive Sealed Sources | N | M040 | 08/12/08 |
| DOE O 241.1A, Chg 1 | 10/14/03 | Scientific and Technical Information Management | N/A | M003 | 10/01/07 |
| DOE O 243.1 | 02/03/06 | Records Management Program; Section CRD, Paragraphs 1.a.(3), 1.d, 1.e, 1.g, 1.h, 1.i, 1.k, and 2 only. | Y | M065 | 01/26/09 |
| DOE O 243.2 | 02/02/06 | Vital Records | Y | M063 | 02/17/09 |
| DOE O 251.1B | 08/16/06 | Departmental Directives Program | N/A | M003 | 10/01/07 |
| DOE M 251.1-1B | 01/30/98 | Directives System Manual | N/A | M003 | 10/01/07 |
| DOE O 252.1 | 11/19/99 | Technical Standards Program | | M003 | 10/01/07 |
| DOE O 341.1A | 10/18/07 | Federal Employee Health Services Paragraph 4b and Attachment 1, Paragraph 2a only | Y | M003 | 01/07/08 |
| DOE O 350.2A | 10/29/03 | Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C., Area | N/A | M003 | 10/01/07 |
| DOE O 412.1A | 04/21/05 | Work Authorization System | N/A | M003 | 10/01/07 |
| DOE O 413.1B | 10/28/08 | Internal Control Program | N/A | M069 | 12/10/08 |

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| DIRECTIVE NUMBER | DATE | DOE DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EFFECTIVE DATE |
|----------------------|----------|--|-------------------------------|----------|-------------------|
| DOE O 413.2B | 04/19/06 | Laboratory Directed Research & Development | N/A | M003 | 10/01/07 |
| DOE O 413.3A | 07/28/06 | Program and Project Management for the Acquisition of Capital Assets | N/A | M003 | 10/01/07 |
| DOE O 413.3A Chg 1 | 07/28/06 | Program and Project Management for the Acquisition of Capital Assets | N | M066 | 03/05/09 |
| DOE G 413.3-3 | 11/15/07 | Safeguards and Security for Program and Project Management | N | M018 | 01/08/08 |
| DOE O 414.1C | 06/17/05 | Quality Assurance | N/A | M003 | 10/01/07 |
| DOE O 420.1B | 12/22/05 | Facility Safety | N/A | M003 | 10/01/07 |
| 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 | N/A | M003 | 10/01/07 |
| DOE O 420.2B | 07/23/04 | Safety of Accelerator Facilities | Y | M003 | 10/01/07 |
| DOE G 420.2-1 | 07/01/05 | Accelerator Facility Safety Implementation Guide | N/A | M003 | 10/01/07 |
| DOE O 425.1C | 03/13/03 | Startup and Restart of Nuclear Facilities | N/A | M003 | 10/01/07 |
| DOE O 430.1B Chg 1 | 02/08/08 | Real Property Asset Management | N | M037 | 03/13/08 |
| DOE O 430.2B | 02/27/08 | Departmental Energy, Renewable Energy, and Transportation Management | N | M037 | 08/06/08 |
| DOE O 433.1A | 02/13/07 | Maintenance Management Program for DOE Nuclear Facilities | N/A | M003 | 10/01/07 |
| DOE O 435.1, Chg 1 | 08/28/01 | Radioactive Waste Management | N/A | M003 | 10/01/07 |
| DOE M 435.1-1, Chg 1 | 06/19/01 | Radioactive Waste Management Manual | N/A | M003 | 10/01/07 |
| DOE M 440.1-1A | 01/09/06 | DOE Explosives Safety Manual | N/A | M003 | 10/01/07 |
| DOE O 440.2B Chg 1 | 11/19/06 | Aviation Management and Safety | N/A | M003 | 10/01/07 |
| DOE M 441.1-1 | 03/07/08 | Nuclear Material Packaging Manual | Y | M037 | 04/22/08 |
| DOE O 442.1A | 06/06/01 | Department Of Energy Employee Concerns Program | N/A | M003 | 10/01/07 |
| DOE M 442.1-1 | 11/16/06 | Differing Professional Opinions for Technical Issues Involving ES&H | N/A | M003 | 10/01/07 |
| DOE O 443.1A | 12/20/07 | Protection of Human Subjects | N | M037 | 03/03/08 |
| DOE O 450.1A | 06/04/08 | Environmental Protection Program | Y | M065 | 08/28/08 |

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| DIRECTIVE NUMBER | DATE | DOE DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EFFECTIVE DATE |
|----------------------|----------|--|-------------------------------|----------|-------------------|
| DOE M 450.3-1 | 01/25/96 | Department of Energy Closure Process for Necessary and Sufficient Sets of Standards | N/A | M003 | 10/01/07 |
| DOE M 450.4-1 | 11/01/06 | Integrated Safety Management System Manual | N/A | M003 | 10/01/07 |
| DOE P 450.7 | 08/02/04 | Environment, Safety, and Health (ESH) Goals | N/A | M003 | 10/01/07 |
| DOE O 451.1B, Chg 1 | 09/28/01 | National Environmental Policy Act Compliance Program – Change 1 | N/A | M003 | 10/01/07 |
| DOE O 452.1C | 09/20/05 | Nuclear Explosive and Weapon Surety Program | N/A | M003 | 10/01/07 |
| DOE O 452.2C | 06/12/06 | Nuclear Explosive Safety | N/A | M003 | 10/01/07 |
| DOE M 452.2-1 | 06/12/06 | Nuclear Explosive Safety | N/A | M003 | 10/01/07 |
| DOE O 452.3 | 06/08/05 | Management of the Department of Energy Nuclear Weapons Complex | N/A | M003 | 10/01/07 |
| DOE M 452.4-1A | 03/11/04 | Protection of Use Control Vulnerabilities and Designs | N/A | M003 | 10/01/07 |
| DOE O 452.4A | 12/17/01 | Security and Control of Nuclear Explosives and Nuclear Weapons | N/A | M003 | 10/01/07 |
| DOE O 452.6 | 10/19/06 | Nuclear Weapon Surety Interface with the Department of Defense | N | M065 | 10/31/08 |
| DOE O 457.1 | 02/07/06 | Nuclear Counterterrorism | N/A | M003 | 10/01/07 |
| DOE M 457.1-1 | 08/10/06 | Control of Improvised Nuclear Device Information | N/A | M003 | 10/01/07 |
| DOE O 460.1B | 04/04/03 | Packaging and Transportation Safety | N/A | M003 | 10/01/07 |
| DOE O 460.2A | 06/04/08 | Departmental Materials Transportation & Packaging Management | N/A | M003 | 10/01/07 |
| DOE M 460.2-1A | 09/23/02 | Radioactive Material Transportation Practices | N | M037 | 08/12/08 |
| DOE O 461.1A | 04/26/04 | Packaging and Transfer or Transportation of Materials of National Security Interest | N/A | M003 | 10/01/07 |
| DOE M 461.1-1, Chg 1 | 07/26/05 | Packaging and Transfer of Materials of National Security Interest Manual | N/A | M003 | 10/01/07 |
| DOE P 470.1 | 05/08/01 | Integrated Safeguards and Security Management (ISSM) Policy | N/A | M003 | 10/01/07 |
| DOE O 470.2B | 10/31/02 | Independent Oversight and Performance Assurance Program | N/A | M003 | 10/01/07 |
| DOE O 470.3A | 11/29/05 | Design Basis Threat Policy (U) | N/A | M003 | 10/01/07 |
| DOE O 470.4A | 05/25/07 | Safeguards and Security Program | N | M018 | 01/31/08 |

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| DIRECTIVE NUMBER | DATE | DOE DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EFFECTIVE DATE |
|-----------------------|----------|---|-------------------------------|----------|-------------------|
| DOE M 470.4-1, Chg 1 | 08/26/05 | Safeguards and Security Program Planning and Management | N/A | M003 | 10/01/07 |
| DOE M 470.4-2, Chg 1 | 08/26/05 | Physical Protection | N/A | M003 | 10/01/07_ |
| DOE M 470.4-3, Chg 1 | 08/26/05 | Protective Force; Attachment 2; CRD, Section C only | N | M003 | 10/01/07 |
| DOE M 470.4-3A | 11/05/08 | Contractor Protective Force | Y | M071 | 03/09/09 |
| DOE M 470.4-4A | 01/16/09 | Information Security Manual | N | M076 | 04/09/09 |
| DOE M 470.4-5 | 08/26/05 | Personnel Security | N/A | M003 | 10/01/07 |
| DOE M 470.4-6, Chg 1 | 08/26/06 | Nuclear Material Control and Accountability | N/A | M003 | 10/01/07 |
| DOE M 470.4-7 | 08/26/05 | Safeguards and Security Program References | N/A | M003 | 10/01/07 |
| DOE O 471.1A | 06/30/00 | Identification and Protection of Unclassified Controlled Nuclear Information | N/A | M003 | 10/01/07 |
| DOE M 471.1-1, Chg. 1 | 10/23/01 | Identification and Protection of Unclassified Controlled Nuclear Information Manual | N/A | M003 | 10/01/07 |
| DOE M 471.2-2 | 08/03/99 | Classified Information Systems Security Manual Chapters I to VIII and the CRD for Classified Systems and Accreditation Only | N | M018 | 01/30/08 |
| DOE M 471.2-3B | 10/29/07 | Special Access Program Policies, Responsibilities, and Procedures | N | M018 | 01/22/08 |
| DOE O 471.3 | 04/09/03 | Identifying and Protecting Official Use Only Information | N/A | M003 | 10/01/07 |
| DOE M 471.3-1 | 04/09/03 | Manual for Identifying and Protecting Official Use Only Information | N/A | M003 | 10/01/07 |
| DOE O 475.1 | 12/10/04 | Counterintelligence Program | N/A | M003 | 10/01/07 |
| DOE M 475.1-1B | 08/28/07 | Manual for Identifying Classified Information | Y | M003 | 10/31/07 |
| DOE O 475.2 | 08/28/07 | Identifying Classified Information | Y | M003 | 10/31/07 |
| DOE M 481.1-1A, Chg 1 | 09/28/01 | Reimbursable Work for Non-Federal Sponsors Process Manual | N/A | M003 | 10/01/07 |
| DOE O 484.1 | 08/17/06 | Reimbursable Work for Department of Homeland Security | N/A | M003 | 10/01/07 |
| DOE O 482.1 | 01/12/01 | DOE Facilities Technology Partnering Programs | N/A | M003 | 10/01/07 |
| DOE M 483.1-1 | 01/12/01 | DOE Cooperative Research & Development Agreements Manual | N/A | M003 | 10/01/07 |
| DOE O 483.1 | 01/12/01 | DOE Cooperative Research & Development Agreements | N/A | M003 | 10/01/07 |
| DOE O 522.1 | 11/03/04 | Pricing of Departmental Materials and Services | N/A | M003 | 10/01/07 |

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| DIRECTIVE NUMBER | DATE | DOE DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EFFECTIVE DATE |
|-----------------------|----------|---|-------------------------------|----------|-------------------|
| DOE O 534.1B | 01/06/03 | Accounting | N/A | M003 | 10/01/07 |
| DOE O 551.1C | 06/24/08 | Official Foreign Travel | N | M037 | 07/29/08 |
| DOE O 580.1 Chg 1 | 12/07/05 | Department of Energy Personal Property Management Program and 41 CFR 109-1.53, 41 CFR 109-38, and 41 CFR 109-50.1 | N | M037 | 07/08/08 |
| DOE O 1220.1A, Chg. 1 | 06/28/92 | Congressional & Intergovernmental Affairs | N/A | M003 | 10/01/07 |
| DOE O 1340.1B | 01/07/93 | Management of Public Communications and Scientific, Technical, and Engineering Publications | N/A | M003 | 10/01/07 |
| DOE O 1450.4 | 11/12/92 | Consensual Listening-In to or Recording Telephone/Radio Conversations | N/A | M003 | 10/01/07 |
| DOE O 5400.5, Chg 2 | 01/07/93 | Radiation Protection of the Public and the Environment | N/A | M003 | 10/01/07 |
| DOE O 5480.19, Chg 2 | 10/23/01 | Conduct of Operations Requirements for DOE Facilities | N/A | M003 | 10/01/07 |
| DOE O 5480.20A, Chg 1 | 07/12/01 | Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities | N/A | M003 | 10/01/07 |
| DOE O 5530.1A | 09/20/91 | Accident Response Group | N/A | M003 | 10/01/07 |
| DOE O 5530.2 | 09/20/91 | Nuclear Emergency Search Team | N/A | M003 | 10/01/07 |
| DOE O 5530.3, Chg. 1 | 04/10/92 | Radiological Assistance Program | N/A | M003 | 10/01/07 |
| DOE O 5530.4 | 09/20/91 | Aerial Measuring System | N/A | M003 | 10/01/07 |
| DOE O 5530.5, Chg. 1 | 12/02/92 | Federal Radiological Monitoring & Assessment Center | N/A | M003 | 10/01/07 |
| DOE O 5610.2, Chg 1. | 09/02/86 | Control of Weapon Data | N/A | M003 | 10/01/07 |
| DOE O 5639.8A | 07/23/93 | Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities | N/A | M003 | 10/01/07 |

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| DIRECTIVE NUMBER | DATE | DOE DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EFFECTIVE DATE |
|--------------------------------|----------|--|-------------------------------|----------|---------------------------------------|
| DOE O 5660.1B | 05/26/94 | Management of Nuclear Materials | N/A | M003 | 10/01/07 |
| DOE O 5670.1A | 01/15/92 | Management and Control of Foreign Intelligence | N/A | M003 | 10/01/07 |
| SEN-22-90 | 05/08/90 | DOE Policy on Signatures of RCRA Permit Applications | N/A | M003 | 10/01/07 |
| DOE STD-1020-2002 | 01/02 | Natural Phenomena Hazards Design Evaluation Criteria for Department of Energy Facilities | N/A | M003 | 10/01/07 |
| DOE STD-1021-1993 | 04/02 | Natural Phenomena Hazards Performance Categorization | N/A | M003 | 10/01/07 |
| Change 1 | | Guidelines for Structures, Systems, and Components | | | |
| DOE STD-1022-1994 | 04/02 | Natural Phenomena Hazards Characterization Criteria | N/A | M003 | 10/01/07 |
| Change 1 | 2.1/24 | | | | · · · · · · · · · · · · · · · · · · · |
| DOE STD-1023-1995 | 04/02 | Natural Phenomena Hazards Assessment Criteria | N/A | M003 | 10/01/07 |
| Change 1 | 00.107 | TT 10 to 1 to 1 to 1 to 1 to 1 to 1 | 27/4 | 14000 | 10/01/07 |
| DOE-STD-1027-1992, Change 1 | 09/97 | Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23 Nuclear Safety Analysis Reports | N/A | M003 | 10/01/07 |
| DOE-STD-1073-2003 | 10/03 | Department of Energy Standard Configuration Management | Y | M003 | 10/01/07 |
| DOE-STD-1189-2008 | 03/08 | Integration of Safety into the Design Process | N | M066 | 03/05/09 |
| DOE-STD-1090-2007 | 12/07 | Hoisting and Rigging | N | M037 | 04/09/08 |
| DOE STD-1098-1999 | 03/05 | DOE Standard Radiological Control | Y | M003 | 10/01/07 |
| Change 1 | | | | | |
| DOE HDBK-1129-1999 | 03/99 | Tritium Handling and Safe Storage | N/A | M003 | 10/01/07 |
| DOE-STD-1186-2004 | 08/04 | Specific Administrative Controls | N/A | M003 | 10/01/07 |
| DOE-STD-3006-2000 | 06/00 | Planning and Conduct of Operational Readiness Reviews | N/A | M003 | 10/01/07 |
| DOE-STD-3009-1994, | 04/02 | Preparation Guide for U.S. DOE Nonreactor Nuclear Facility | N/A | M003 | 10/01/07 |
| Change Notice 3 | | Safety Analysis Reports | | | |
| DOE-STD-3011-2002 | 12/02 | Guidance for Preparation of Basis for Interim Operation (BIO) Documents | N/A | M003 | 10/01/07 |
| DOE-STD-3013-2004 | 04/04 | Stabilization, Packaging, And Storage Of Plutonium-Bearing Materials | N/A | M003 | 10/01/07 |
| DOE-STD-3014-1996 | 10/96 | Accident Analysis for Aircraft Crash into Hazardous Facilities | N/A | M003 | 10/01/07 |
| DOE-STD-3015-2004 | 11/04 | Nuclear Explosive Safety Evaluation Process | N/A | M003 | 10/01/07 |
| DOE-STD-3016-2006 | 05/06 | Hazard Analysis Reports for Nuclear Explosive Operations | N | M037 | 03/14/08 |

Modification No.: M076

Supplemental Agreement to Contract No.: DE-AC52-07NA27344

Part III, Section J, Appendix G – List of Applicable Directives

| DIRECTIVE NUMBER | DATE | DOE DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EFFECTIVE DATE |
|--------------------------------------|----------|---|-------------------------------|----------|-------------------|
| DOE STD-3020-2005 | 12/05 | Specification for HEPA Filters Used by DOE Contractors | N/A | M003 | 10/01/07 |
| DOE STD-7501-1999 | 12/99 | The DOE Lessons Learned Program | N/A | M003 | 10/01/07 |
| QC-1, Revision 10 | 02/10/04 | DOE/NNSA Weapon Quality Policy (QC-1) | N/A | M003 | 10/01/07 |
| | | Note: This document is not accessible to the public. | | | |
| Development and Production Manual | 02/08/06 | Development and Production Manual Note: This decument is not accessible to the public | N/A | M003 | 10/01/07 |
| Technical Business Practices | various | Note: This document is not accessible to the public. Technical Business Practices | N/A | M003 | 10/01/07 |
| reclinical Business Hactices | various | Note: This document is not accessible to the public. | IVA | WIOOS | 10/01/07 |
| Infrastructure Business Practices | various | Infrastructure Business Practices Note: This document is not accessible to the public. | N/A | M003 | 10/01/07 |
| Production Realization Standards | various | Production Realization Standards Note: This document is not accessible to the public. | N/A | M003 | 10/01/07 |

Part III, Section J, Appendix G - List of Applicable Directives

| DIRECTIVE NUMBER | DATE | NSO DIRECTIVE TITLE | IMPLEMENTATION PLAN Y/N | MOD # | EEFFECTIVE DATE |
|--------------------|----------|---|-------------------------------|----------|--------------------|
| | | Applicable only for work performed at the Nevada Test Site. | | | |
| NSO O 140.X Chg 1 | 07/31/03 | Facilities and Test Site Visits/Tours | N | M065 | 02/20/09 |
| NSO M 412.X-1D | 05/23/06 | Real Estate/Operations Permits | N | M069 | 03/18/09 |
| NSO M 412.X-2 | 05/16/06 | Project Screening and Siting Approval Process | N | M069 | 03/18/09 |
| NSO O 412.X3C | 08/13/08 | Activity Level Work Control | N | M069 | 03/18/09 |
| NSO O 440.XA | 06/11/07 | Underground Operations Safety and Health | N | M065 | 02/20/09 |
| NSO O 440.X2A | 06/04/08 | Site-Wide Lightning and Other Hazardous Weather Detection and Protection | N | M065 | 02/20/09 |
| NSO O 450.XA | 03/10/06 | Nevada Test Site Access and Area Control | N | M065 | 02/20/09 |
| NSO M 450.X2-1 | 05/30/07 | Underground Nuclear Testing, Test Readiness, and Threshold Test, Ban Treaty, Ban Verification | N | M065 | 02/20/09 |
| NSO O 450.X5 | 07/31/03 | Subcritical Experiments | N | M069 | 03/18/09 |
| NSO O 460.X | 10/26/05 | Hazardous Materials Notification System | N | M069 | 03/18/09 |
| NSO O 470.X1B | 05/30/07 | Facility Security Survey Corrective Action Planning | N | M065 | 02/20/09 |
| NSO O 473.XB Chg 1 | 11/27/07 | Lock and Key Control | N | M065 | 02/20/09 |

Part III, Section J, Appendix G - List of Applicable Directives

(A) <u>Implementation of applicable directives.</u>

- (1) The Contractor shall submit an implementation plan to the Contracting Officer when required by the directive or other instruction of the Contracting Officer and within 60 days of contract award or acceptance of the directive after contract award.
- (2) The Contracting Officer will approve or disapprove the plan and notify the Contractor of the decision. If the Contracting Officer disapproves the plan, he/she shall clearly identify all deficiencies and provide reasonable suggestions for making the plan acceptable. Within 30 days after notification of the disapproval of a plan, the Contractor shall submit to the Contracting Officer the revised plan for approval as described above.
- (3) During the process of implementation, the Contractor will notify the Contracting Officer if modifications to the plan are required for any reason. The Contracting Officer will consider all such requests and will not unreasonably withhold his/her approval to modify such plans when circumstances warrant modification.