

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0331		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
6. ISSUED BY NNSA M&O Contracting Branch NA-PAS-211 Albuquerque Complex P.O. Box 5400 Albuquerque NM 87185-5400		CODE 05115		5. PROJECT NO. (If applicable) 05047	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) CONSOLIDATED NUCLEAR SECURITY, LLC Attn: Susan Starr PO Box 2009 Oak Ridge TN 37830		(X)		9A. AMENDMENT OF SOLICITATION NO.	
CODE		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-NA0001942	
				10B. DATED (SEE ITEM 13) 01/08/2013	

11. THIS ITEM ONLY 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 electronic communication 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 HOUR AND DATE 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 letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED 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.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) I-16 DEAR 970.5204-2 Laws, Regs, & Directives & Directives & FAR 43.103 (a) Bilateral, Mutual Agreement

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

UEI: EWV8QKG1JUV7

The purpose of this modification is to incorporate agreed-upon changes:

1. Section J, Appendix N, List of Applicable Directives, is replaced in its entirety.
2. Section J, Appendix R, List of Contracting Officer's Representatives, is replaced in its entirety.

All

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Richard J. Tighe, President and Chief Executive Officer		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Katherine A. Hernandez	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 

Previous edition unusable

NAME OF OFFEROR OR CONTRACTOR
CONSOLIDATED NUCLEAR SECURITY, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: Period of Performance: 07/01/2014 to 09/30/2025				

SECTION J

APPENDIX N

September 2024

LIST OF APPLICABLE DIRECTIVES

[MODs 0015, 0034, 0045, 0094, 0101, 0111, 0117, 0140, 0151, 0166, 0171, 0178, 0189, 0209, 0210, 0221, 0229, 0241, 0262, 0273, 0285, 0303, 0320 and 0331]

In addition to the list of applicable directives referenced 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 referenced below.

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
AL 56XB	Development and Production Manual		
ASME NQA-1 2008, 2009 Addenda, 1b 2011	Quality Assurance Requirements for Nuclear Facility Application		
Baseline Security Procedure for NNSA SAP (Applies to Y-12 Only)	Baseline Security Procedure for NNSA SAP		
CJCSI 3260.01F	Joint Policy Governing Positive Control Material and Coded Control Devices	0221	Effective 1/12/21
DOE-DTRA TP 50-2	Procedures for the Use and Control of Logistics Material for Permissive Action Link (PAL) Equipped Weapons (U)	0178	Effective 6/27/19 Document version dated 9/27/18
DoD TB 700-2	DoD Ammunition and Explosives Hazard Classification Procedures	0015	Effective 7/2/14*
DOE O 140.1A	Interface with the Defense Nuclear Facilities Safety Board (DNFSB)	0210	Effective 8/15/20
DOE O 142.2A Chg 1 (AdminChg)	Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA	0015	Effective 7/2/14*
DOE M 142.2-1 Chg 1 (AdminChg)	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency	0015	Effective 7/2/14*
DOE O 142.3B, Chg 1 (LtdChg)	Unclassified Foreign National Access Program	0273	Effective 10/12/22
DOE O 150.1B	Continuity Programs	0262	Effective 5/3/22 Contingent upon approved Implementation Plan
DOE O 151.1D Chg 1 (MinChg)	Comprehensive Emergency Management System	0189	Effective 11/13/19
DOE O 153.1A	Departmental Nuclear Emergency Support Team Capabilities	0285	Effective 3/28/23
DOE O 200.1A Chg 2 (LtdChg)	Information Technology Management	0320	Effective 10/16/23 Contingent upon approved Implementation Plan

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
DOE O 205.1C, Chg 1 (LtdChg)	Department of Energy Cyber Security Program	0273	Effective 8/11/22
DOE O 206.1 Chg 1 (MinChg)	DOE Privacy Program	0166	Effective 1/3/19 Supplemental Guidance on Response and Notification Procedures for Data Breaches Involving Personally Identifiable Information dated 10/16/17 Effective 8/30/18
DOE O 206.2, Chg 1 (LtdChg)	Identity, Credential, and Access Management (ICAM)	0273	Effective 11/5/22
DOE O 210.2A	DOE Corporate Operating Experience Program		
DOE O 221.1B	Reporting Fraud, Waste and Abuse to Office of Inspector General	0094	Effective 1/12/17
DOE O 221.2A	Cooperation with the Office of Inspector General		
DOE O 225.1B	Accident Investigations		
DOE O 226.1B Chg 1 (AdminChg)	Implementation of Department of Energy Oversight Policy	0285	Effective 2/22/23
DOE O 227.1A Chg 1 (AdminChg)	Independent Oversight Program	0273	Effective 10/8/22
DOE O 231.1B Chg 1 (AdminChg)	Environment, Safety and Health Reporting	0015	Effective 7/2/14*
DOE O 232.2A Chg 1 (MinChg)	Occurrence Reporting and Processing of Operations Information	0189	Effective 11/14/19
DOE O 241.1B Chg. 1 (AdminChg)	Scientific and Technical Information Management	0094	Effective 5/24/16
DOE O 243.1C	Records Management Program	0262	Effective 3/15/22
DOE O 252.1A Chg 1 (AdminChg)	Technical Standards Program	0015	Effective 7/2/14*
DOE O 341.1A	Federal Employee Health Services		
DOE O 410.2 Chg 1 (AdminChg)	Management of Nuclear Materials	0015	Effective 7/2/14*
DOE O 411.2	Scientific Integrity	0101	Effective 3/22/17
DOE O 412.1A Chg 1 (AdminChg)	Work Authorization System	0034	Effective 1/13/15
DOE O 413.3B Chg 7 (LtdChg)	Program and Project Management for the Acquisition of Capital Assets	0303	Effective 9/23/23
DOE O 414.1D Chg 2 (LtdChg)	Quality Assurance	0210	Effective 10/23/20
DOE O 415.1 Chg 2 (MinChg)	Information Technology Project Management	0111	Effective 4/17/17
DOE O 420.1C Chg 3 (LtdChg)	Facility Safety	0189	Effective 12/19/19
DOE O 420.2D	Safety of Accelerators	0285	Effective 4/5/23
DOE G 420.1-1A	Nonreactor Nuclear Safety Design Guide for use with DOE O 420.1C Facility Safety	0015	Effective 7/2/14*
DOE O 422.1 Chg 4 (LtdChg)	Conduct of Operations	0262	Effective 3/18/22

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
DOE O 425.1D Chg 2 (MinChg)	Verification of Readiness to Start Up or Restart Nuclear Facilities	0189	Effective 11/26/19
DOE O 426.2AChg 1 (Admin Chg)	Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities	0331	Effective 7/11/24 Contingent upon approved Implementation Plan for DOE O 426.2A
DOE O 433.1B Chg 1 (AdminChg)	Maintenance Management Program for DOE Nuclear Facilities	0015	Effective 7/2/14*
DOE O 435.1 Chg 2 (AdminChg)	Radioactive Waste Management	0229	Effective 2/26/21
DOE M 435.1-1 Chg 3 (LtdChg)	Radioactive Waste Management Manual	0229	Effective 3/11/21
DOE N 435.1	Contact-Handled and Remote-Handled Transuranic Waste Packaging		
DOE O 436.1A	Departmental Sustainability	0320	Effective 11/8/23 Contingent upon approved Implementation Plan
DOE O 437.1	Bridge and Tunnel Management	0229	Effective 3/10/21 Applies to Y-12 Only
DOE O 440.2C Chg 3 (LtdChg)	Aviation Management and Safety	0285	Effective 4/28/23
DOE M 441.1-1 Chg 1 (AdminChg)	Nuclear Material Packaging Manual	0094	Effective 3/22/16
DOE O 442.1B	Department of Energy Employee Concerns Program	0171	Effective 4/11/19
DOE O 442.2 Chg 1	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns	0094	Effective 1/17/17
DOE O 443.1C	Protection of Human Research Subjects	0210	Effective 9/6/20
DOE O 452.1F	Nuclear Explosive and Weapon Surety Program	0303	Effective 7/5/23 Applies to Pantex Only
DOE O 452.2F	Nuclear Explosive Safety	0241	Effective 12/3/20
DOE O 452.3	Management of DOE Nuclear Weapons Complex		
DOE O 452.4C	Security and Use Control of Nuclear Explosives and Nuclear Weapons	0094	Effective 4/7/16
DOE O 452.7 Chg 1 (AdminChg)	Protection of Use Control Vulnerabilities and Designs	0210	Effective 7/11/20
DOE O 452.8	Control of Nuclear Weapon Data		
DOE O 457.1A	Nuclear Counterterrorism	0015	Effective 7/2/14*
DOE O 458.1 Chg 4 (LtdChg)	Radiation Protection of the Public and the Environment	0210	Effective 10/23/20
DOE O 460.1D Chg 1 (LtdChg)	Hazardous Materials Packaging and Transportation Safety	0262	Effective 7/16/22
DOE O 460.2B	Departmental Materials Transportation Management	0273	Effective 9/19/22
DOE O 461.1C Chg 1 (MinChg)	Packaging and Transportation for Offsite Shipment of Materials of National Security Interest	0221	Effective 12/9/20
DOE O 461.2	Onsite Packaging and Transfer of Materials of National Security Interest		

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
DOE O 462.1 Chg 1 (AdminChg)	Import and Export of Category 1 and 2 Radioactive Sources and Aggregate Quantities	0015	Effective 7/2/14*
DOE O 470.3C Chg 2 (LtdChg)	Design Basis Threat (DBT)	0331	Effective 6/14/24 Contingent upon approved Implementation Plan
DOE O 470.4B Chg 3 (LtdChg)	Safeguards and Security Program	0241	Effective 11/4/21
DOE O 470.5	Insider Threat Program	0034	Effective 1/6/15
DOE O 470.6 Chg 1 (MinChg)	Technical Security Program	0140	Effective 5/15/18
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information		
DOE O 471.5	Special Access Programs		
DOE O 471.6 Chg 4 (LtdChg)	Information Security	0303	Effective 9/28/23
DOE O 471.7	Controlled Unclassified Information	0262	Effective TBD Revised IA/IP resubmitted 3/16/23 Contingent upon approved Implementation Plan
DOE O 472.2A	Personnel Security	0273	Effective 11/21/22
DOE O 473.1A	Physical Protection Program	0262	Effective 4/21/22 Contingent upon approved Implementation Plan
DOE O 473.2A	Protective Force Operations	0262	Effective 3/17/22
DOE O 474.2A Chg 1 (Admin Chg)	Nuclear Material Control and Accountability	0331	Effective 6/7/24 Contingent upon approved Implementation Plan
DOE O 475.1	Counterintelligence Program		
DOE O 475.2B	Identifying Classified Information	0045	Effective 5/29/15
DOE O 483.1B Chg 2 (LtdChg)	DOE Cooperative Research and Development Agreements	0189	Effective 1/14/20
DOE O 484.1 Chg 3 (LtdChg)	Reimbursable Work for the Department of Homeland Security	0303	Effective 5/31/23
DOE O 486.1A	Foreign Government Sponsored or Affiliated Activities	0221	Effective 9/29/20
DOE O 520.1B Chg 1 (LtdChg)	Financial Management and Chief Financial Officer Responsibilities	0285	Effective 1/11/23
DOE O 522.1A	Pricing of Departmental Materials and Services	0166	Effective 10/26/18
DOE O 544.1A	Priorities and Allocations Program	0320	Effective 3/24/24
DOE O 550.1 Chg 1 (LtdChg)	Official Travel	0210	Effective 1/14/20 Subject to the understandings set forth in letter dated 2/18/20
DOE O 5639.8A	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities		

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
DOE-STD-1020-2016	DOE Standard – Natural Phenomena Hazards Analysis and Design Criteria for DOE Facilities	0117	Effective 8/24/17
DOE-STD-1027-2018 Chg Notice 1	DOE Standard – Hazard Categorization of DOE Nuclear Facilities	0171	Effective 3/4/19
DOE-STD-1066-2023	DOE Standard – Fire Protection	0320	Effective 2/9/24 Contingent upon approved Implementation Plan
DOE-STD-1070-1994 (Reaffirmed July 2014)	DOE Standard – Guidelines for Evaluation of Nuclear Facility Training Programs	0034	Effective 1/15/15
DOE-STD-1073-2016	DOE Standard – Configuration Management	0117	Effective 7/26/17
DOE-STD-1090-2020	DOE Standard – Hoisting and Rigging	0210	Effective 9/8/20
DOE-STD-1186-2004	DOE Standard – Specific Administrative Controls	0117	Effective 8/31/17 Existing nuclear facilities that are subject to DOE-STD-3009-94 (Change Notice 3) may utilize DOE-STD-1186-2004 or DOE-STD-1186-2016 for revisions to or extension of applicability of existing SACs.
DOE-STD-1186-2016	DOE Standard- Specific Administrative Controls	0117	Effective 8/31/17 Use DOE-STD-1186-2016 for the creation of new SACs on projects or upgrades initiated after 1/1/18. DOE-STD-1186-2016 must be utilized with all DSAs that invoke DOE-STD-3009-2014.
DOE-STD-1189-2016	DOE Standard – Integration of Safety into the Design Process	0117	Effective 7/25/17
DOE-STD-1195-2011	DOE Standard –Design of Safety Significant Safety Instrumented Systems Used at DOE Nonreactor Nuclear Facilities	0015	Effective 7/2/14*
DOE-STD-1212-2019	DOE Standard – Explosives Safety	0210	Effective 8/31/20
DOE-STD-1225-2017	DOE Standard – DOE Canine Performance Testing Protocol Standard (OUO)	0140	Effective 3/14/18
DOE-STD-3007-2017	DOE Standard –Preparing Criticality Safety Evaluations at Department of Energy Nonreactor Nuclear Facilities	0140	Effective 3/8/18

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
DOE-STD-3009-94	DOE Standard – Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analysis	0015	Effective 7/2/14* Effective 5/11/17 (Mod 0111) Applies to existing facilities except where DOE-STD-3009-2014 applies. Effective 2/3/22 (Mod 0262) See subsequent CO direction from Teresa Robbins and Justin Higdon to Colby Yeary, dated 10/6/21 Effective 7/3/24 Contingent upon approved Implementation Plan (Mod 0331) See subsequent CO approval/direction from Katherine Hernandez to Amber Bullard, dated 7/3/24 related to adherence with DOE-STD-3009-94, Chemical Decomposition in Fire Scenarios and Reactive Material Updates
DOE-STD-3009-2014	DOE Standard – Preparation of Nonreactor Nuclear Facility Documented Safety Analysis	0111	Effective 5/11/17 Applies to new non-reactor nuclear facilities and major modifications to existing non-reactor nuclear facilities (initiated after the effective date) per DOE O 420.1C.
DOE-STD-3013-2018	Stabilization, Packaging and Storage of Plutonium-Bearing Materials	0171	Effective 3/11/19
DOE-NA-STD-3016-2023	DOE Limited Standard – Hazard Analysis Reports for Nuclear Explosive Operations	0303	Effective 9/13/2023 Applies to Pantex Only
DOE-STD-3020-2015	DOE Standard – Specification for HEPA Filters Used by DOE Contractors	0101	Effective 2/6/17
DOE-STD-3024-2011	DOE Standard – Content of System Design Descriptions	0015	Effective 7/2/14*
DOE-STD-3025-2007	DOE Standard – Quality Assurance Inspection and Testing of HEPA Filters	0015	Effective 7/2/14*
DOE Technical Manual DOE-SNL-TYPEBARG-REV3-CHNG0	Tiedown Procedures for Type-A, Type-B, ARG, and Miscellaneous Containers Transported in Safeguards Transporter	0140	Effective 4/24/18
EP-401075 Issue E	Electrical Testers for Nuclear Explosives	0189	Effective 1/22/20
Executive Order (EO) 11514 as amended by EO 11991	Protection and Enhancement of Environmental Quality	0221	Effective 7/2/14* Added amended EO to Reference Document
Executive Order 11988	Floodplain Management	0015	Effective 7/2/14*
Executive Order 11990	Protection of Wetlands	0015	Effective 7/2/14*
Executive Order 12333	U. S. Intelligence Activities	0015	Effective 7/2/14*
Executive Order 12898	Environmental Justice	0015	Effective 7/2/14*
Executive Order 13186	Responsibilities of Federal Agencies to Protect Migratory Birds	0015	Effective 7/2/14*
Executive Order 13513	Federal Leadership on Reducing Text Messaging While Driving	0015	Effective 7/2/14*
Executive Order 13556	Controlled Unclassified Information		

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
Joint DOE/DoD Technical Publication 45-51B	Transportation of Nuclear Weapons Material	0034	Effective 5/28/15 (Reference Document Change)
NFPA Codes and Standards	NFPA Codes and Standards		
NHPA CRMP (April 2004)	Pantex Plant Cultural Resource Management Plan	0094	Effective 5/29/15
NNSA ACD – 401.1A	Updating Weapon Quality Policy and Process Requirements Definition for Conditional Products and their Use in Weapons and Weapon-Related Assemblies	0331	Effective 5/30/24
NNSA ACD – 401.2	Updated Weapon Quality Assurance Procurement Requirements in NNSA Policy (NAP) 401.1A, Weapon Quality Policy	0331	Effective 5/30/24
NNSA Policy Letter: NAP 121.1A	Enterprise-Wide Strategic Planning	0241	Effective 6/9/21
NNSA Policy Letter: NAP 401.1A Chg 3 (AdminChg) (formerly NAP-24A)	Weapon Quality Policy	0331	Effective 5/30/24 (Converted to new directives numbering system in accordance with NNSA SD 251.1A, Directives Management)
NNSA Policy Letter: NAP 476.1 Admin Chg 1 (formerly NAP-23 Admin Chg 1)	Atomic Energy Act Control of Import and Export Activities	0189	Effective 5/26/15 Effective 1/22/20 (Converted to new directives numbering system in accordance with NNSA SD 251.1A, Directives Management)
NNSA Policy Letter: NAP 520.1 Admin Chg 1 (formerly NAP-25 Admin Chg 1)	Management and Operating Contractor Business Meals and Light Refreshments	0189	Effective 7/2/14* Effective 1/22/20 (Converted to new directives numbering system in accordance with NNSA SD 251.1A, Directives Management)
NNSA Policy Letter: NAP 540.2 (formerly NAP-31)	NNSA M&O Off-Site Extended Duty Assignments	0189	Effective 1/18/17 DOE AL 2018-08 Effective 7/12/18 Effective 1/22/20 (Converted to new directives numbering system in accordance with NNSA SD 251.1A, Directives Management)
NNSA Policy Letter: NAP-220.1	Internal Affairs Program	0151	Effective 7/26/18
NNSA Policy Letter: NAP-412.1	Financial Integration	0171	Effective 6/11/19
NNSA Policy Letter: NAP-413.1 (recertified)	Data Collection for Cost Estimating	0273	Effective 11/17/22
NNSA Policy Letter: NAP-435.1	Classified Matter High-Risk Personal Property Disposition at the Nevada National Security Site	0331	Effective 7/22/24 Contingent upon approved Implementation Plan
NNSA Policy Letter: NAP 470.1	Enhanced Compensatory Control Measures	0320	Effective 1/3/24
NNSA Policy Letter: NAP 530.1	Cost Allocation Optimization	0303	Effective 8/31/23
NPO Procedure – NPO-SD 3.4.3 (Applies to Pantex Only)	Conducting Readiness Reviews of Hazardous Non-Nuclear Facilities and Activities	0015	Effective 7/2/14*

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
Quality Plan No. 100-1 Amendment 4	Application of Quality Requirements to UK and US Procurement Contracts and Loan Authorizations for Research, Design & Development	0221	Revised name of Reference Document and Title
NNSA Supplemental Directive – NNSA SD 200.1	Information Resources Management	0320	Effective 2/15/24 Contingent upon approved Implementation Plan for DOE O 200.1A, Chg 2
NNSA Supplemental Directive – NNSA SD 205.1	Baseline Cybersecurity Program	0178	Effective 4/19/18 Applicable Binding Operational Directives (BOD) ED 19-01 (Effective 8/19/19) BOD 19-02 (Effective 8/19/19) BOD 18-02 (Effective 8/19/19) BOD 18-01 (Effective 8/19/19) BOD 17-01 (Effective 8/19/19) BOD 16-03 (Effective 8/19/19) BOD 16-02 (Effective 8/19/19)
NNSA Supplemental Directive – NNSA SD 206.1A	Privacy Program	0320	Effective 2/26/24 Contingent upon approved Implementation Plan
NNSA Supplemental Directive NNSA SD 206.2	Implementation of Personal Identity Verification for Uncleared Contractors	0151	Effective 7/12/18
NNSA Supplemental Directive – NNSA SD 226.1C	NNSA Site Governance	0189	Effective 12/11/19
NNSA Supplemental Directive – NNSA SD 251.1B	Directives Management	0221	Effective 1/12/21
NNSA Supplemental Directive – NA SD 350.1	Management and Operating Contractor Service Credit Recognition	0015	Effective 7/2/14*
NNSA Supplemental Directive – NNSA SD 413.3-7	Project Management for Non-Nuclear, Non-Complex Capital Asset Acquisition	0320	Effective 12/6/23 Contingent upon approved Implementation Plan
NNSA Supplemental Directive – NNSA SD 415.1A	Project Oversight for Information Technology (PO-IT)	0241	Effective 7/8/21
NNSA Supplemental Directive – NNSA SD 430.1	Real Property Asset Management	0101	Effective 3/29/17
NNSA Supplemental Directive – NNSA SD 452.2B	Nuclear Explosive Safety Evaluation Processes	0262	Effective 3/17/22
NNSA Supplemental Directive - NNSA SD 452.3-1A	Defense Programs Business Process System (DPBPS)	0094	Effective 7/5/16 See Requirements Management System (RMS) on the Pantex Plant Intranet as needed
NNSA Supplemental Directive – NNSA SD 452.3-2	Phase 6.X Process	0111	Effective 4/26/17
NNSA Supplemental Directive – NNSA SD 452.4-1	Nuclear Enterprise Assurance (NEA)	0262	Effective 5/26/22 Contingent upon approved Implementation Plan

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
NNSA Supplemental Directive - NNSA SD 470.4-2 Admin Chg 1	Enterprise Safeguards and Security Planning and Analysis Program	0241	Effective 8/12/21 Effective 5/28/20 NNSA Supplemental Directive (SD) 470.4-2 Implementation Instructions (II) dated April 22, 2020
NNSA SD 470.6 Technical Security Program	Technical Security Program	0273	Effective 10/26/22 Contingent upon approved Implementation Plan
NNSA Supplemental Directive – NNSA SD 471.6	Operations Security Program	0241	Effective 5/14/20
NNSA Supplemental Directive – NNSA SD 473.3	Enterprise Mission Essential Task List-based Protective Force Training Program	0034	Effective 3/31/15
ORR PCB FFCA	Oak Ridge Reservation Polychlorinated Biphenyl Federal Facilities Compliance Agreement		
PSLM	Primary Standards Lab Memo		
Technical Business Practices (TBP) and Infrastructure Business Practices (IBPs)	Technical Business Practices (TBP) and Infrastructure Business Practices (IBPs)	0094	For additional implementing information on TBPs & IBPs See Requirements Management System on the Pantex Plant Intranet as needed
RM 257945	AL-R8 Pit Matrix Requirements	0015	Effective 7/2/14*

* Modification No. 0015 incorporated revised Appendix N, List of Applicable Directives, in accordance with Contracting Officer direction dated July 2, 2014, entitled “*Contract Number DE-NA0001942, Submittal of Revised Implementation Plan for Applicable Directives.*”

LIST OF DELETED/CANCELLED DIRECTIVES

The table below reflects all requirements that have been deleted in modifications 0015, 0034, 0045, 0094, 0101, 0140, 0151, 0166, 0171, 0178, 0229, 0241, 0262, 0273, 0285, 0303 and 0320.

Reference Document	Title	Mod	Notes
DOE O 130.1	Budget Formulation	0273	Deleted effective 8/17/22
DOE M 140.1-1B	Interface with the Defense Nuclear Facilities Safety Board	0151	Cancelled by DOE O 140.1 Effective 7/26/18
DOE M 205.1-3 Admin Chg 1	Telecommunications Security Manual	0171	Cancelled by DOE O 470.6 Deleted Effective 4/25/19 on approval of DOE O 470.6 Chg 1 Implementation Plan
DOE O 313.1	Management and Funding of the Department's Overseas Presence	0034	Deleted Effective 4/16/15
DOE O 325.2 Admin Chg 1	Position Management and Classification	0140	Cancelled by DOE N 251.119 Deleted Effective 1/18/18
DOE O 350.2B	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, DC Area	0094	Cancelled by DOE N 251.115 (replaced by NAP 31 Effective 1/18/17)
DOE O 350.5	COVID Safety Protocols for Federal Contractors	0303	Cancelled by DOE N 251.124 Deleted Effective 9/13/2023
DOE O 413.1B	Internal Control Program	0229	Cancelled by DOE O 520.1B Deleted Effective 2/25/21
DOE O 430.1B Admin Chg 2	Real Property and Asset Management	0094	Deleted Effective 12/21/16
DOE M 440.1-1A	DOE Explosive Safety Manual	0015	Deleted Effective 9/12/14
DOE M 452.2-1A	Nuclear Explosive Safety Manual	0045	Cancelled by DOE Order 452.2E
DOE M 452.2-2 Chg 1	Nuclear Explosive Safety Evaluation Processes	0034	Cancelled by DOE NNSA SD 452.2
DOE M 457.1-1	Control of Improvised Nuclear Device Information	0015	Deleted Effective 9/12/14
DOE M 460.2-1A	Radioactive Material Transportation Practices Manual	0303	Cancelled by DOE O 460.2B Deleted Effective 9/19/22
DOE P 470.1A	Safeguards and Security Program	0015	Deleted Effective 9/12/14
DOE M 470.4-4A Chg 1	Information Security Manual (Section D- Technical Surveillance countermeasures only)	0171	Cancelled by DOE O 470.6 Deleted Effective 4/25/19 on approval of DOE O 470.6 Chg 1 Implementation Plan
DOE M 471.2-4	Technical Surveillance Countermeasures Manual (TSCM) (Classified Annex only)	0015	Cancelled by DOE M 470.4-4A Chg 1
DOE O 471.3 Admin Chg 1	Identifying and Protecting Official Use Only Information	0262	Cancelled by DOE 471.7 Deleted Effective 6/28/22
DOE M 471.3-1 Admin Chg 1	Manual for Identifying and Protecting Official Use Only Information	0262	Cancelled by DOE 471.7 Deleted Effective 6/28/22

Reference Document	Title	Mod	Notes
DOE O 473.3A Chg 1	Protection Program Operations	0262	Cancelled by DOE O 473.1A and DOE O 473.2A Deleted Effective 3/17/22
DOE M 483.1-1	DOE Cooperative Research and Developments Agreements Manual	0015	Deleted Effective 9/12/14
DOE M 481.1-1A Chg 1	Reimbursable Work for Non-Federal Sponsors Process Manual	0166	Cancelled by DOE O 481.1E Deleted Effective 1/30/19
DOE O 534.1B	Accounting	0229	Cancelled by DOE O 520.1B Deleted Effective 2/25/21
DOE O 544.1	Priorities and Allocations Program	0015	Deleted Effective 9/12/14
DOE O 551.1D Chg 2	Official Foreign Travel	0178	Cancelled by DOE O 550.1 Deleted Effective 9/24/19
DOE O 580.1A Admin Chg 1	Department of Energy Personal Property Management Program	0101	Cancelled by DOE N 251.118 Deleted Effective 2/16/17
DOE-HDBK-1092-2013	DOE Handbook – Electrical Safety	0140	Deleted Effective 5/2/18
DOE-STD-1135-1999	DOE Standard – Guidance for Nuclear Criticality Safety Engineer Training and Qualification	0034	Deleted (Duplicate and covered in DOE Order 420.1C)
DOE STD 3024-98	DOE Standard – Content of System Design Description	0015	Deleted Effective 9/12/14
DOE SNL TYPEBARG	Tie-down Procedure for Type A, B, ARG, and Miscellaneous Containers	0034	Language combined/revised last Mod (per Emory Hogan) See: “DOE Technical Manual”
Executive Order 13423	Strengthening Federal Environmental, Energy, and Transportation Management	0094	Deleted effective 12/13/16 DEAR 970.5223.6 covered
Executive Order 13514	Federal Leadership in Environmental, Energy, and Economic Performance	0034	Deleted Duplicative requirement of DOE O 436.1
Executive Order 13526	Classified National Security Information	0034	Deleted Duplicative requirement to DOE Order 475.2A
NA-10 WQAPM	Weapon Quality Assurance Procedures Manual	0034	Cancelled by NNSA NAP 401.1A, Weapon Quality Policy Deleted Effective 12/11/23
NNSA ACD 470.6	Use of Mobile Devices within National Nuclear Security Administration Secure Spaces	0303	Cancelled by NNSA SD 470.6 Delete Effective 5/24/23
NNSA BOP 001.5	Management and Operating Contractor Employment Reporting	0094	Cancelled Effective 12/14/16
NNSA BOP 001.311	NNSA Budget Validation Process	0273	Deleted effective 8/17/22
NNSA Supplemental Directive – NNSA SD G 1027 Admin Chg 1	Guidance on Using Release Fraction and Modern Dosimetric Information Consistently with DOE STD 1027-92, <i>Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports, Change Notice No. 1</i>	0241	Deleted Effective 9/13/21

Reference Document	Title	Mod	Notes
BOP 003.08	Management and Operating Contractor Business Meals and Light Refreshment	0015	Deleted Effective 9/12/14
BOP 50.002	Value Management Policy	0015	Deleted Effective 9/12/14
BOP 50.003	Independent Project Review Policy	0015	Deleted Effective 9/12/14
NNSA BOP 413.1 Admin Chg (formerly BOP 06.01 Admin Chg 1)	Value Management (VM)	0273	Deleted effective 10/19/22
NNSA Policy Letter: NAP-14.1-C, Chapter VII	NNSA Baseline Cyber Security Program	0140	Cancelled by NNSA SD 205.1 Deleted Effective 4/19/18
NNSA Policy Letter: NAP-14.1-D	Baseline Cyber Security Program	0140	Cancelled by NNSA SD 205.1 Deleted Effective 4/19/18
NAP 14.2-C	NNSA Certification and Accreditation (C&A) Process for Information Systems	0015	Deleted Effective 9/12/14
NNSA Policy Letter: NAP-14.3-B	Transmission of Restricted Data over Secret Internet Protocol Router Network (SIPRNet)	0140	Cancelled by NNSA SD 205.1 Deleted Effective 4/19/18
NNSA Policy Letter: NAP-21	Transformational Governance and Oversight	0094	Cancelled by NNSA SD 226.1B
NAP-70.2	Physical Protection	0015	Deleted Effective 9/12/14
NAP-70.4	Information Security	0015	Deleted Effective 9/12/14
NAP-9A	Secon Implementation	0015	Deleted Effective 9/12/14
IBP-202	Record of Assembly and Disassembly	0015	Deleted Effective 9/12/14
IBP-401	Product Definition Exchange Process	0015	Deleted Effective 9/12/14
IBP-404	Engineering Authorization System	0015	Deleted Effective 9/12/14
Letter	Letter dated 6/2/2010 from Thomas D. D'Agostino to Theodore Sherry, Expert-Based Unreviewed Safety Question Determination Procedure	0015	Deleted Effective 9/12/14
NNSA Supplemental Directive – NA-SD 350.2 Rev 1	Use of M&O Contractor Employees for Service to the NNSA in the Washington DC Area	0094	Cancelled by NAP 31 Deleted Effective 1/18/17
QC-1 Revision 10	DOE/NNSA Weapon Quality Policy (QC-1)	0015	Deleted Effective 9/12/14
Site Specific CRD	Startup and Restart of Operations, Activities and Facilities	0015	Deleted Effective 9/12/14
Site Specific CRD	Directive Systems Process	0015	Deleted Effective 9/12/14
Standard Building Code	International Building Code	0015	Deleted Effective 9/12/14
YSO-CRD-03-01 (Applies to Y-12 Only)	Startup and Restart of Operations, Activities, and Facilities at Y-12 including Safety Basis Document Implementation (Applicable until such time that decision on incorporating into NPO-SD3.4.3 is decided).	0101	Deleted Effective 3/9/17
YSO-CRD-09-01 (Applies to Y-12 Only)	Projects Contractor Requirements Document (CRD)	0140	Deleted Effective 3/22/18

(A) Implementation of applicable directives.

- (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 the effective date of the Contract or acceptance of the directive after the effective date of the Contract.
- (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.

End of Appendix -

APPENDIX R.

LIST OF CONTRACTING OFFICER'S REPRESENTATIVES (CORs)

[MODs 0015, 0045, 0084, 0128, 0157, 0175, 0181, 0191, 0203, 0221, 0224, 0241, 0276, 0303, 0320, and 0331]

LIST OF CONTRACTING OFFICER'S REPRESENTATIVES (COR)

<u>Name</u>	<u>Title</u>	<u>Functional Area</u>
CLIN 0001 (Y-12 Field Office and HQ)		
Hitson, Mary Helen	Manager	All Assistant Manager's Functional Area(s): Senior Scientific and Technical Advisor; Operations Management; Business & Contract Management; Safeguards & Security; Nuclear Safety & Engineering; Environment, Safety, Health & Quality; Programs & Projects
Armstrong, Jason	Manager (PX)	All Pantex Manager's Functional Area(s): Operations Management; Business & Contract Management; Safeguards & Security; Nuclear Safety & Engineering; Environment, Safety, Health & Quality; Programs & Projects
Vacant	Deputy Manager (Y-12)	All Assistant Manager's Functional Area(s): Operations Management; Business & Contract Management; Safeguards & Security; Nuclear Safety & Engineering; Environment, Safety, Health & Quality; Programs & Projects
Alvarado, Carlos	Deputy Manager (PX)	All Assistant Manager's Functional Area(s): Operations Management; Business & Contract Management; Safeguards & Security; Nuclear Safety & Engineering; Environment, Safety, Health & Quality; Programs & Projects
Brown, Justin W.	Program Analyst, NA-15	Provide technical direction for NNSA Office of Defense Programs (NA-10)/Office of Secure Transportation (NA-15) consistent with the Scope of Work, annual executed Implementation Plans, and approved Work Authorizations and/or Task Agreements.
Brashears, Janice P.	Assistant Manager for Business & Contract Management	All Business and Contract Management functions to include, but not be limited to, contract administration; contractor human resources; procurement; supply chain management; directives; records management; labor standards; interagency work; budget formulation and execution; Performance Evaluation and Measurement Plan; interim and final reports and award fee process; information solutions and services; cyber security; internal and external reviews; employee concerns; and the cost savings program.
Buchholz, Matthew A.	Assistant Manager for Environment, Safety, Health & Quality	All ESH&Q activities to include, but not be limited to, day-to-day oversight of health physics and radiological protection, industrial hygiene and occupational medicine, industrial safety, construction safety, firearm safety, aviation safety, explosive safety, pressure safety, electrical safety, transportation safety, chemical safety, fire protection program, Federal Employee Occupational Safety and Health, ES&H reporting, waste management, environmental programs, Environmental Management System, training (contractor and fed FTCP), Accident

<u>Name</u>	<u>Title</u>	<u>Functional Area</u>
		Investigation, National Environmental Policy Act, cultural resources, and implementation of ISMS. Implementation of the Lean Governance model, manages the NPO operational infrastructure, and champions the ISO 9001 registration and LOCAS efforts. The office provides day-to-day oversight of Contractor activities including: Directives Management (internal and external), records management, Nuclear Facility Quality Assurance (QA), Software QA, and Weapons QA (WQA), Enforcement, Performance Assurance, Issues Management, CAS, and the Lessons Learned Program. Delegation of Product Acceptance Authority, in accordance with NAP-401.1A.
Davis, Brandon	Deputy Assistant Manager for Programs & Projects	All programmatic and project activities to include, but not be limited to, Directed Stockpile Work, Facilities and Infrastructure Recapitalization Program, Strategic Partnership Programs, Naval Reactors, Nuclear Nonproliferation Campaigns, Nuclear Material Management, Plant Directed Research and Development, and the preparation of strategic planning documents. Additional activities include infrastructure planning, energy sustainment, explosives program, start-up and restart activities, capital line items, expense projects and GPD/GPP.
Glines, Chad W.	Deputy Director, MB-60	All financial matters to include but not limited to accounting, administrative control of funds and distribution, and related budget execution, financial oversight, financial reporting, and review of indirect rates.
Mallison, William Tyler	Assistant Manager for Nuclear Safety & Engineering	All Nuclear Safety functions to include, but not be limited to, safety basis, nuclear explosives and criticality safety, and vital safety systems.
Morris, Susan D.	Assistant Manager for Programs & Projects	All programmatic and project activities to include, but not be limited to, Directed Stockpile Work, Facilities and Infrastructure Recapitalization Program, Strategic Partnership Programs, Naval Reactors, Nuclear Nonproliferation Campaigns, Nuclear Material Management, Plant Directed Research and Development, and the preparation of strategic planning documents. Additional activities include infrastructure planning, energy sustainment, explosives program, start-up and restart activities, capital line items, expense projects and GPD/GPP.
Phifer, Melissa (Jessie)	Assistant Manager for Operations	All facility operations at Y-12 and Pantex sites to include, but not limited to nuclear facility operations, site occurrences, conduct of operations program, activity-level work control, facility and site management and maintenance programs.
Reeves, Dan	Deputy Assistant Manager for Safeguards & Security	All programmatic and project activities for the functional areas of Safeguards & Security and Emergency Management.
Rhodes, Brian	Assistant Manager for Nuclear Safety & Engineering	All Nuclear Safety functions to include, but not be limited to, safety basis, nuclear explosives and criticality safety, and vital safety systems.
Rauch, Rory	Assistant Manager for Operations	All facility operations at Y-12 and Pantex sites to include, but not limited to nuclear facility operations, site occurrences, conduct of operations program, activity-level

<u>Name</u>	<u>Title</u>	<u>Functional Area</u>
		work control, facility and site management and maintenance programs.
Roberts, Gregory	Assistant Manager for Safeguards & Security	All programmatic and project activities for the functional areas of Safeguards & Security and Emergency Management.
Slack, Terri L.	Site Counsel	Oversight of all legal matters, including the administration of 10 CFR 719, Contractor Legal Management Requirements.
Smolens, Glenn (Chuck)	Assistant Manager for Environment, Safety, Health & Quality	All ESH&Q to include, but not be limited to, day-to-day oversight of health physics and radiological protection, industrial hygiene and occupational medicine, industrial safety, construction safety, firearm safety, aviation safety, explosive safety, pressure safety, electrical safety, traffic safety, chemical safety, fire protection program (including Fire Department), ES&H reporting, waste management, transportation, environmental programs, Environmental Management System, technical training, Accident Investigation, National Environmental Policy Act, cultural resources, implementation of ISMS, Governance, Performance Assurance, Contractor Assurance System, Enterprise Risk Management, Enforcement, Nuclear Facility Quality Assurance (QA), Software QA, and Weapons QA. Delegation of Product Acceptance Authority, in accordance with the NNSA Policy Letter NAP-401.1A, Weapon Quality Policy, Attachment 3, Section 1.2.2.a.
Stroble, J.R.	Assistant Manager for Business & Contract Management	All Business and Contract Management functions to include, but not be limited to, contract administration; contractor human resources; procurement; supply chain management; directives; records management; labor standards; interagency work; budget formulation and execution; Performance Evaluation and Measurement Plan; interim and final reports and award fee process; information solutions and services; cyber security; internal and external reviews; employee concerns; and the cost savings program.
Taylor, Christopher G.	Assistant Manager for Programs & Projects (PX)	All programmatic and project activities to include, but not be limited to, Directed Stockpile Work Readiness in Technical Basis and Facilities, Facilities and Infrastructure Recapitalization Program, Work for Others, Naval Reactors, Nuclear Nonproliferation, Campaigns, Packaging and Transportation, Nuclear Material Management, Plant Directed Research and Development and the preparation of strategic planning documents. Additional activities include infrastructure planning, energy sustainment, explosives program, start-up and restart activities, capital line items, expense projects and GPD/GPP.
Thompson, Belynda J.	Deputy Assistant Manager for Business & Contract Management	All Business and Contract Management functions to include, but not be limited to, contract administration; contractor human resources; procurement; supply chain management; directives; records management; labor standards; interagency work; budget formulation and execution; Performance Evaluation and Measurement Plan; interim and final reports and award fee process; information solutions and services; cyber security; internal

<u>Name</u>	<u>Title</u>	<u>Functional Area</u>
		and external reviews; employee concerns; and the cost savings program.
Thompson, Michael	Assistant Deputy Administrator for Major Modernization Programs NA-19	All Major Modernization Programs to include but not limited to providing program direction on initiating timely work authorization, and performing oversight activities for Life Extension.
Yada, Shian	Deputy Assistant Manager for Environment, Safety, Health & Quality	All ESH&Q activities to include, but not be limited to, day-to-day oversight of health physics and radiological protection, industrial hygiene and occupational medicine, industrial safety, construction safety, firearm safety, aviation safety, explosive safety, pressure safety, electrical safety, transportation safety, chemical safety, fire protection program, Federal Employee Occupational Safety and Health, ES&H reporting, waste management, environmental programs, Environmental Management System, training (contractor and fed FTCP), Accident Investigation, National Environmental Policy Act, cultural resources, and implementation of ISMS. Implementation of the Lean Governance model, manages the NPO operational infrastructure, and champions the ISO 9001 registration and LOCAS efforts. The office provides day-to-day oversight of Contractor activities including: Directives Management (internal and external), records management, Nuclear Facility Quality Assurance (QA), Software QA, and Weapons QA (WQA), Enforcement, Performance Assurance, Issues Management, CAS, and the Lessons Learned Program. Delegation of Product Acceptance Authority, in accordance with NAP-401.1A.

CLIN 0001 (APMO)		
Pearson, Michael S.	APMO Federal Project Director NA-93	Ongoing programmatic and project management activities to include, but not limited to, all Y-12 APMO managed projects.
Russell, Paige	Federal Technical Director	Ongoing programmatic and project management activities to include, but not limited to, all Y-12 APMO managed projects.
Thompson, Eric	Federal Project Director	Ongoing programmatic and project activities to include, but not be limited to, the West End Protected Area Reduction Project.
Overbay, Fred	Federal Project Director	Ongoing programmatic and project activities to include, but not be limited to, the 9212 Calcliner and Electrorefining Projects.
Peters, Richard D.	Federal Project Director	Ongoing programmatic and project activities to include, but not limited to, the Lithium Processing Facility Project.
Antizzo, Karen	Federal Project Director	Ongoing programmatic and project activities to include, but not limited to, the Direct Chip Melt and Bottom Loading Furnace Project.

CLIN 0002		
Pearson, Michael S	APMO Federal Project Director NA-93	Ongoing programmatic and project management activities to include, but not limited to, the Uranium Process Facility project.
Russell, Paige	Federal Technical Director	Ongoing programmatic and project management activities to include, but not limited to, the Uranium Process Facility project.
LaForest, Jr. James R.	Federal Project Director	Ongoing programmatic and project activities to include, but not limited to, the Uranium Processing Facility Project.