

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1	2
2. AMENDMENT/MODIFICATION NO. 0303		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: Willie Wilson 301 Bear Creek Road OAK RIDGE TN 37830		(X)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-NA0001942	
				10B. DATED (SEE ITEM 13) 01/08/2013	
CODE 078390708		FACILITY CODE			
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) Bilateral, Mutual Agreement of Both Parties				
E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return <u>1</u> 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 I, Contract Clause I-1, FAR 52.203-13 Contractor Code of Business Ethics and Conduct is hereby updated to NOV 2021 version. 2. Section J, Appendix B, Fiscal Year 2024 DOE/NNSA Strategic Performance Evaluation and Measurement Plan (PEMP), is added. 3. Section J, Appendix J, Key Personnel, is replaced in its entirety. 4. Section J, Appendix K, Small Business Subcontracting Plan, Fiscal Year 2024 Small Business Goals, is added. 5. Section J, Appendix N, List of Applicable Directives, is replaced in its entirety. 6. Section J, Appendix R, List of Contracting Officer's Representatives, is replaced in its 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 & Chief Executive Officer			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dustin Epperson		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
				16C. DATE SIGNED	

NAME OF OFFEROR OR CONTRACTOR
CONSOLIDATED NUCLEAR SECURITY , LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	entirety. Payment: OR for Oak Ridge/OSTI U.S. Department of Energy Oak Ridge Office Oak Ridge Financial Service Center P.O. Box 6017 Oak Ridge TN 37831 Period of Performance: 07/01/2014 to 09/30/2025				

Fiscal Year 2024
DOE/NNSA Strategic Performance Evaluation and Measurement Plan

Consolidated Nuclear Security, LLC

MANAGEMENT AND OPERATION OF THE

Pantex Plant and Y-12 National Security Complex

Contract Number: DE-NA0001942

Performance Evaluation Period: October 01, 2023 through September 30, 2024

[Redacted Signature] [Redacted Date]

Richard J. Tighe, Ph.D. Date
President and Chief Executive Officer
Consolidated Nuclear Security, LLC

[Redacted Signature] [Redacted Date]

Teresa Robbins Date
Field Office Manager
NNSA Production Office
National Nuclear Security Administration

[Redacted Signature] [Redacted Date]

Frances A. Lopez Date
Senior Director, Contracts
Consolidated Nuclear Security, LLC

[Redacted Signature] [Redacted Date]

Joshua S. Beeler Date
Contracting Officer
NNSA Production Office
National Nuclear Security Administration

FY 2024 PERFORMANCE EVALUATION AND MEASUREMENT PLAN

DOCUMENT REVISION HISTORY

Revision	Date	Change Description
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INTRODUCTION

The Pantex Plant (Pantex) and Y-12 National Security Complex (Y-12) are plants owned by the United States Government, under the custody of the Department of Energy (DOE), herein referenced as and are managed and operated by Consolidated Nuclear Security, LLC (CNS). Pursuant to the terms and conditions of the Contract, this NNSA Performance Evaluation and Measurement Plan (PEMP) sets forth the criteria by which NNSA will evaluate CNS performance and upon which NNSA shall determine the amount of award fee earned. The available award fee amounts for FY 2024 are specified in Section B, Supplies or Services and Prices/Costs, of the Contract. This PEMP promotes a strategic Governance and Management Framework in support of the NNSA's Strategic Vision. This Strategic Vision requires CNS to fully execute mission milestones in support of key mission objectives and effectively meet significant management challenges identified by NNSA.

PERFORMANCE BASED APPROACH

The performance-based approach evaluates the CNS performance through a set of Goals. Each Goal, and its associated Objectives and Key Outcomes (KOs) as applicable, will be measured against authorized cost, schedule, and technical performance, based on respective outcomes, demonstrated performance, and impact to DOE/NNSA missions.

MISSION

The Pantex mission supports managing the nation's nuclear stockpile by performing disassembly, inspection and rebuild of weapon evaluations cycle units, assembly of Joint Test Assemblies (JTAs) and JTA post mortem analysis, assembly and disassembly of test bed units, Limited Life Component Exchange, programmatic alterations (usually defined as Alts or Mods), weapon repairs, weapon and component radiography and non-destructive evaluation, high explosive testing and explosive component evaluation, pit and non-nuclear evaluations, electrical and mechanical test, and surveillance and evaluation testing in support of Quality Evaluation Reports.

Y-12 supports national security programs through production of weapons components and parts; stockpile evaluation and maintenance; stockpile surveillance; dismantlement; and nuclear materials management, storage, and disposition. Its primary mission is the manufacturing of modern secondaries and processing and storage of highly enriched uranium.

Additionally, Pantex and Y-12 support several other NNSA identified missions, including nuclear nonproliferation, the Naval Reactors Program, emergency response, continuing management reform, and recapitalizing NNSA infrastructure.

MISSION PERFORMANCE

CNS is accountable for and will be evaluated on successfully executing program work in accordance with applicable DOE/NNSA safety, security, and sustainability requirements consistent with the terms and conditions of the Contract. Protection of worker and public safety, the environment, and security are essential and implicit elements of successful mission performance. Accordingly, CNS shall plan mission work with safety and security as integral to mission execution and meeting the affected programmatic Goals. The model for this PEMP is to rely on CNS leadership to use appropriate DOE contractual requirements and recognized industrial standards based on consideration of its assurance system and supporting measures, metrics, and evidence. **CNS is expected to manage in a safe, secure, sustainable, efficient, effective, and results-driven manner, with appropriate risk management and transparency to the government, while taking appropriate measures to minimize costs that do not compromise core objectives and mission performance.** Products and services are expected to be delivered on-schedule and within budget.

INNOVATIVE SOLUTIONS

CNS will recommend innovative, technology/science-based, systems-engineering solutions to the most challenging problems that face the nation and the globe. CNS will also provide evidence to support programmatic needs and operational goals tempered by risk. DOE/NNSA will take into consideration all major functions including safety, security, and sustainability contributing to mission success. In addition, DOE/NNSA expects CNS to recommend and implement innovative business and management improvement solutions that enhance effectiveness and efficiency, to include partnering with external vendors and the Department of Defense's existing industrial base.

CONSIDERATION OF CONTEXT IN PERFORMANCE EVALUATION

The evaluation of performance will consider context such as unanticipated barriers (e.g., budget restrictions, rule changes, circumstances outside CNS control), degree of difficulty, significant accomplishments or improvements, and other events that may occur during the performance period. A significant safety or security event may result in an overall limitation to adjectival ratings. Such impacts may be balanced by the response to the incident and by other initiatives to improve overall safety or security performance. CNS is encouraged to note significant safety and security continuous improvements.

PERFORMANCE RATING PROCESS

DOE/NNSA will review performance throughout the performance evaluation period and provide tri-annual feedback to CNS highlighting accomplishments and/or issues. At the end of the performance evaluation period, an evaluation of CNS performance will be completed based on contractor oversight against the criteria in the PEMP. Sources of oversight data include, but are not limited to, DOE/NNSA formal assessments, contractor self-assessments, internal and external audits, inspections, program and project reviews, operational awareness activities, contractor assurance system, etc.

This evaluation will be documented in a Performance Evaluation Report (PER) and will include the performance ratings and award fee earned for the subject performance evaluation period. DOE/NNSA will consider CNS end of year self-assessment report in the performance evaluation. Performance of Objectives and KOs (if any) will be assessed in the aggregate, with due consideration given to the level of progress made on achieving KOs, to determine an adjectival performance rating for each Goal. The Goals will then be considered in the aggregate to provide an overall rating and percentage of award fee earned for the contract. The performance ratings will be determined in accordance with FAR 16.401(e) (3) yielding ratings of Excellent, Very Good, Good, Satisfactory, or Unsatisfactory. Notwithstanding the overall strategic framework, any significant failure in any goal may impact the overall rating and award fee earned. **Dollar values contained in the PEMP are provided as guidelines for developing a recommendation of fee allocation to the Fee Determining Official (FDO). The final determination as to the amount of fee earned is a unilateral determination made by the FDO.**

CNS may request a face-to-face meeting with the FDO to highlight its strategic performance at the end of the performance evaluation period. This meeting should occur within the first two weeks after the end of the period.

PEMP CHANGE CONTROL

It is essential that a baseline of performance expectations be established at the beginning of the performance period to equitably measure performance, and that changes to that baseline are carefully managed. Nonetheless, unforeseen circumstances and/or changes in priorities may necessitate corresponding changes to individual PEMP(s). Any change to the PEMP, including adjustments or removal of KOs, requires concurrence by the appropriate field/program/functional office, the NNSA Senior Procurement Executive, and the FDO prior to the Field Office Manager and Contracting Officer signatures. While recognizing the unilateral rights of DOE/NNSA as expressed in the contract terms and conditions, bilateral changes are the preferred method of change whenever possible.

FEE ALIGNMENT AND “AT-RISK” AWARD FEE ALLOCATION

This table is provided for information only and does not change the terms and conditions of the contract. All goals will receive an adjectival assessment as a part of the Corporate Performance Evaluation Process (CPEP).

Goal	At Risk Award Fee	At Risk Award Fee Percent
Goal-1: Mission Delivery: Nuclear Weapons	TBD	40%
Goal-2: Mission Delivery: Global Nuclear Security	TBD	10%
Goal-3: Mission Innovation: Advancing Science and Technology	TBD	5%
Goal-4: Mission Enablement	TBD	25%
Goal-5: Mission Leadership	TBD	20%

The above template is applied to each field office using At-Risk Award Fee (AF) amounts established in each individual contract. The amounts are based on estimated values for FY24 and will change slightly as actual values for various categories of work are established with FY24 budgets.

Goal 6

Goal	At Risk Award Fee	At Risk Award Fee Percent
Goal-6: Site Separation*	TBD*	100%*

***Note:** A separate AF pool has been established for Goal 6 Site Separation in accordance with contract extension negotiations. Only Goals 1 through 5 will be considered in the aggregate to provide an overall rating and percentage of award fee earned for the contract. CNS will receive a separate rating and percentage of award fee earned for Goal 6.

UNEARNED FEE

DOE/NNSA reserves the right to withdraw and redistribute DOE/NNSA unearned fees.

Goal-1: Mission Delivery: Nuclear Weapons

Successfully execute the cost, scope, and schedule of the Nuclear Stockpile mission work for Defense Programs work in a safe and secure manner in accordance with DOE/NNSA priorities, Work Authorizations, and Execution/Implementation Plans.

Objectives:

- Objective-1.1: Work as a team across the Nuclear Security Enterprise on stockpile program scope to 1) achieve and maintain program delivery schedules; 2) lower risk to achieving First Production Unit (FPU), Initial Operational Capability (IOC), and Final Operational Capability (FOC); 3) improve manufacturability and supply chain execution; and 4) control costs.
- Objective-1.2: Execute production modernization processes and activities per expectations defined in Implementation Plans to sustain and improve production capabilities, equipment, and infrastructure for 1) War Reserve production; 2) component modernization and production; 3) strategic materials capabilities and production; 4) improve safety margins, technology maturation strategies, and qualification, and logistics plans collaboratively across the NSE; and 5) improve modeling and analysis capabilities to accurately measure production.
- Objective-1.3: Execute stockpile system maintenance, production, limited-life component exchanges, weapon containers, surveillance, assessment, development studies/capability improvements, weapon program planning/support and dismantlement and disposition activities to meet DoD commitments and deliver the annual stockpile assessment.
- Objective-1.4: Provide the knowledge and expertise to maintain confidence in the nuclear stockpile without additional nuclear explosive testing by developing, maturing, and applying innovative strategies and technologies to sustain a robust stockpile and improve science and engineering capabilities, facilities, and essential skills to support existing and future nuclear security enterprise requirements.

Key Outcomes: None

Goal-2: Mission Delivery: Global Nuclear Security

Successfully execute the cost, scope, and schedule of the authorized global nuclear security mission work in a safe and secure manner to include the Defense Nuclear Nonproliferation, Nuclear Counterterrorism and Counterproliferation, and Incident Response missions in accordance with DOE/NNSA priorities, Work Authorizations, and Execution/Implementation Plans.

Objectives:

- Objective-2.1: Support efforts to secure, account for, and interdict the illicit movement of nuclear weapons, weapons-useable nuclear materials, and radioactive materials.
- Objective-2.2: Support U.S. national and nuclear security objectives in reducing global nuclear security threats through the innovation of technical capabilities to detect, identify, and characterize: 1) foreign nuclear weapons programs, 2) illicit diversion of special nuclear materials, and 3) global nuclear detonations.
- Objective-2.3: Support efforts to achieve permanent threat reduction by managing and minimizing excess weapons-useable nuclear materials and providing nuclear materials for peaceful uses.
- Objective-2.4: Support efforts to prevent proliferation, ensure peaceful nuclear uses, and enable verifiable nuclear reductions to strengthen the nonproliferation and arms control regimes.
- Objective-2.5: Sustain and improve nuclear counterterrorism, counterproliferation, and forensic science, technology, expertise and associated Nuclear Emergency Support Team (NEST) capabilities; execute response missions, implement policies and procedures in support of response and forensics missions, and assist international partners/organizations.

Key Outcomes:

- KO 2.1: Produce High Assay Low Enriched Uranium (HALEU) in accordance with the latest approved Material Management and Minimization (M3) FY 2024 Implementation Plan (Statement of Work) to support NA-23 HALEU customers while sustaining at all times a quantity of HALEU on hand that equals or exceeds the expected demand for the Fiscal Year.
- KO 2.2: Complete 3rd Generation Trusted Radiation Identification System (3G-TRIS) measurements at Pantex per the latest approved FY 2024 3G-TRIS Pantex Measurement Campaign project work plan.
- KO 2.3: Authorize Additional Approach Exercise (AAE) operations at Pantex, per the latest approved FY 2024 AAE project work plan, by the end of Fourth Quarter FY 2024.

Goal-3: Mission Innovation: Advancing Science and Technology

Successfully advance national security missions through innovation by expanding the frontiers of Science, Technology, and Engineering (ST&E). Execute transformative and leading-edge Research and Development (R&D) by creating a vibrant, creative, environment that leverages effective partnerships (including SPP) and technology transfer endeavors. Effectively manage high-impact DOE Work and Plant Directed Research and Development (PDRD) and Technology Transfer, etc. in a safe and secure manner consistent with DOE/NNSA priorities, Work Authorizations, and Execution/Implementation Plans.

Objectives:

- Objective-3.1: Execute a research strategy that is clear and aligns discretionary investments (e.g., PDRD) with plant strategy and supports DOE/NNSA priorities particularly to improve manufacturing and production technology.
- Objective-3.2: Ensure that research is relevant, enables the national security missions, and benefits DOE/NNSA and the nation.
- Objective-3.3: Ensure that research is transformative, innovative, leading edge, high quality, and advances the frontiers of science and engineering.
- Objective-3.4: Maintain a healthy and vibrant research environment that enhances technical workforce competencies and research capabilities.
- Objective-3.5: Research and develop high-impact technologies through effective partnerships and technology transfer mechanisms that support the plant's strategy, DOE/NNSA priorities and impact the public good; and ensure that reporting, publishing, and information management requirements of federally funded scientific research and development are implemented (via DOE's Public Access Plan) and per DOE's Scientific and Technical Information Management directive (DOE O 241.1B).
- Objective-3.6: Pursue and perform high-impact work for DOE that strategically integrates with the DOE/NNSA mission, and leverages, sustains and strengthens unique science and engineering capabilities, facilities, and essential skills.

Key Outcomes: None

Goal 4: Mission Enablement

Effectively and efficiently manage the safe and secure operations of the Pantex and Y-12 sites in accordance with cost, scope and schedule while maintaining an NNSA enterprise-wide focus; demonstrating accountability for mission performance and management controls; successfully executing cyber, technical, informational, and physical security requirements, and assure mission commitments are met with high-quality products and services while partnering to improve the site infrastructure. Performance will be measured by the contractor's assurance system, NNSA metrics, cost control, business and financial operations, project baselines, implementation plans, assessment, and audit results, etc., with a focus on mission enablement.

Objectives:

- Objective-4.1: Deliver effective, efficient, and responsive Environment, Safety, and Health (ES&H), Quality (including weapon quality) and radioactive waste management. Advance DOE/NNSA's climate resiliency and sustainability goals with a focus on maximizing energy efficiency and supporting Carbon Pollution-Free Electricity (CFE) objectives.
- Objective-4.2: Deliver mission capabilities through the planning, design, acquisition, operation, maintenance, recapitalization, and disposition of facilities and infrastructure. Execute design and construction projects to achieve the scope on schedule and on budget.
- Objective-4.3: Deliver effective, efficient, and responsive safeguards and security, including assigned enterprise initiatives.
- Objective-4.4: Deliver efficient, effective, responsible, and transparent financial management operations and systems including financial integration reporting; budget formulation and execution; programmatic cost estimates; and internal controls.
- Objective-4.5: Deliver efficient and effective management of legal risk and incorporation of best legal practices. Deliver timely and actionable recommendations and analysis to Freedom of Information Act and Privacy Act requests.
- Objective-4.6: Deliver effective, efficient, and responsive information technology systems and cybersecurity that provides for a comprehensive mission and functional area delivery through the execution of the implementation factors established in the NA-IM IT and Cybersecurity Program Execution Guidance, and adaptive day-to-day IT and cybersecurity operations to support, protect, and defend mission/business systems and networks.
- Objective-4.7: Deliver effective, efficient, and responsive site emergency management programs in support of the DOE/NNSA Emergency Management Enterprise.
- Objective-4.8: Deliver efficient, effective, and compliant business operations including, but not limited to, procurement, human resources, and property systems, in support of NNSA missions. Focus areas to include achievement of small business and socioeconomic goals; timely and high-quality subcontract actions; support provided to the NSE Workforce Recruitment Strategy; and strategic management of integrated recruiting, retention, and diversity programs.

Key Outcomes:

- KO 4.1: Timely submittal of the CD-3B deliverables by the end of Second Quarter, FY 2024 to support achievement of CD-3B for the Lithium Processing Facility Project.
- KO 4.2: Complete the Electrorefining project within the currently authorized spending limit of \$111.6M.
- KO 4.3: Complete Calciner project Turnover to Operations (CHPT61001) by the end of FY 2024, to support commissioning and readiness.
- KO 4.4: Produce a Level 1 Digital Twin of the Uranium Processing Facility for non-Controlled Unclassified Information (CUI) systems, with a Level 2 Digital Twin of a UPF manufacturing process to aid in future augmented reality training by the end of FY 2024.

Goal-5: Mission Leadership

Successfully demonstrate leadership in supporting the direction of the overall DOE/NNSA mission, cultivating a Performance Excellence Culture that encompasses all aspects of operations and continues to emphasize safety and security, improving the responsiveness of CNS leadership team to issues and opportunities for continuous improvement internally and across the Enterprise, and parent company involvement/commitment to the overall success of the Pantex, Y-12 and the Enterprise.

Objectives:

- Objective-5.1: Define and implement a realistic strategic vision for the sites, in alignment with the NNSA Strategic Vision, which demonstrates enterprise leadership and effective collaborations across the NNSA enterprise to ensure DOE/NNSA success.
- Objective-5.2: Demonstrate performance results through the institutional utilization of a Contractor Assurance System and promoting a culture of critical self-assessment, transparency, and accountability through the entire organization, while also leveraging parent company resources and expertise.
- Objective-5.3: Develop and implement a National Security Enterprise-wide partnership model that enhances collaboration, reinforces shared fate and enables mission success including transformation of the stockpile and the enterprise.
- Objective-5.4: Exhibit professional excellence in performing roles/responsibilities while pursuing collaborative opportunities for continuous organizational and enterprise learning and demonstrated improvements that will improve productivity, grow the capacity to execute mission, and manage, rather than avoid, risk. Pursue innovations to increase agility and resilience while controlling costs. Advance the operational capabilities of the National Security Enterprise (NSE) by identifying and employing latent capacity existing in the NSE.
- Objective-5.5: Demonstrate leadership in driving enhanced and sustainable formality and rigor of operations through proactive implementation of effective and efficient measures to minimize operational upsets that have potential to impact mission.
- Objective 5.6: Leadership takes decisive action, as a cooperative partner of NNSA, to attract and retain the workforce needed to achieve the nuclear security enterprise missions, with particular emphasis on critical and under-resourced skill sets, reaching back to parent company resources as necessary.

Key Outcome:

- KO 5.1: To enable an increasingly mobile workforce and optimize mission efficiency, improve execution and disciplined operations, reduce human error and improve automation of operations through smart electronic procedures and implementation of innovative mobility solutions, and conduct two technology pilots per project plans:

- (1) Improved connectivity in Production Areas at Y-12 to enable mobility through docking stations in high impact areas by September 30, 2024.

- (2) Improved Reliability and Predictive Maintenance Capabilities at Pantex through installation of Enterprise Operational Monitoring System (EOMS) software and CompactRIO sensors at the High Explosives Pressing Facility at Pantex by September 30, 2024.

Goal-6: Site Separation

Successfully execute the cost, schedule, and scope of the separation of Y-12 and Pantex in accordance with the DOE/NNSA priorities and the Bridging Strategy Option B (Step 0) approved September 29, 2023.

Objectives:

Objective-6.1: Execute activities necessary to prepare Pantex and Y-12 to be managed and operated independently under separate contracts by: i) positioning each site to function autonomously, ii) implementing the Bridging Strategy Option B (Step 0), approved September 29, 2023, and iii) complete the Step 0 activities and requisite work service agreements (e.g., transition service agreements) to enable an incoming contractor to manage and operate the Pantex Plant by September 30, 2024.

Key Outcomes:

KO 6.1: Update and resubmit the SSIP to incorporate Step 0 and reflect any resulting impacts to the Steps 1 and 2 schedule and overall execution costs by November 17, 2023.

KO 6.2: Complete all activities to facilitate an incoming contractor's management and operation of the Pantex Plant by September 30, 2024 including enablement of the incoming contractor to independently:

- i. Hire and successfully employ personnel;
- ii. Execute payroll;
- iii. Administer benefits, except administration of pension payroll;
- iv. Procure goods and services via Enterprise Contract Management system;
- v. Operate financial accounting systems including complete segregation of data from CNS' records on a go-forward basis;
- vi. File taxes; and
- vii. Manage draw-downs and accept funds.

**FAR 16.401(e)(3) AWARD FEE ADJECTIVAL RATINGS AND
SUPPLEMENTAL DEFINITIONS**

Excellent	91%-100%	Contractor has exceeded almost all of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period. <i>This performance level is evidenced by at least one significant accomplishment, or a combination of accomplishments that significantly outweigh very minor issues, if any. No significant issues in performance exist.</i>
Very Good	76% - 90%	Contractor has exceeded many of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period. <i>This performance level is evidenced by accomplishments that greatly outweigh issues. No significant issues in performance exist.</i>
Good	51% - 75%	Contractor has exceeded some of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period. <i>This performance level is evidenced by accomplishments that slightly outweigh issues. No significant issues in performance exist.</i>

Satisfactory	No greater than 50%	Contractor has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award- fee plan for the award-fee evaluation period. <i>This performance level is evidenced by issues that slightly outweigh accomplishments.</i>
Unsatisfactory	0%	Contractor has failed to meet overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period. <i>This performance level is evidenced by issues that significantly outweigh accomplishments, if any.</i>

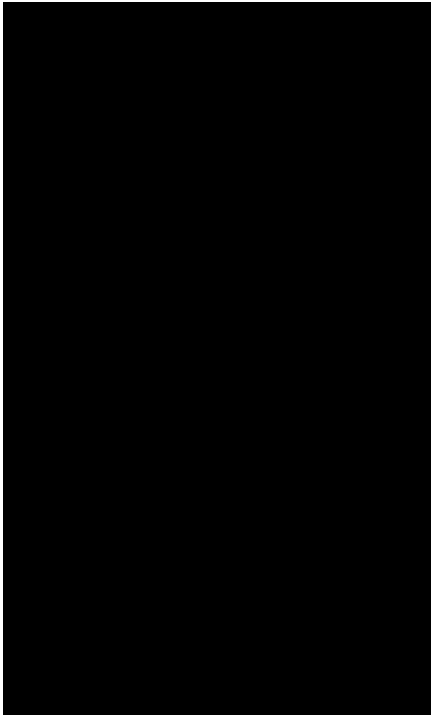
Definitions:

An **Accomplishment** is an achievement or success in the performance of contract requirements that exceeds standards or expectations. Examples might be performing full contract requirements under budget while meeting or exceeding schedule baselines or performing additional scope within the initial cost targets with no negative effect on requirements or other programs, indicating continued performance improvement.

An **Issue** is a point in question or a matter that raises concerns regarding successful performance of contract requirements within scope, cost (budget), and schedule baselines or concern of negative effect on requirements or other programs, indicating a decline in performance that needs attention and improvement.

APPENDIX J.
KEY PERSONNEL

CLIN 0001



- President / Chief Executive Officer
- Chief Operating Officer
- Program Integration Manager
- Mission Engineering Manager
- Y-12 Site Manager
- Pantex Site Manager
- Mission Assurance Manager
- Operations Support Manager
- Business Management and Transformation Manager
- Chief Financial Officer
- Human Resources Manager
- Site Separation Manager

CLIN 0002



- Project Director

September 6, 2023

Mr. Aaron Fehl
Contracting Officer
NNSA Production Office
PO Box 2009
Oak Ridge, TN 37831-6501

Dear Mr. Fehl:

Contract DE-NA0001942, Fiscal Year 2024 Small Business Subcontracting Goals

Following are the Consolidated Nuclear Security, LLC (CNS) proposed Fiscal Year (FY) 2024 Small Business Goals addressing each of the small business categories:

	<u>CNS FY 2024 Goals</u>
Small Business	55.0%
Small Disadvantaged Business	14.0%
Small Woman-Owned Business	7.0%
Small HUBZone Business	5.0%
Veteran-Owned Small Business	6.0%
Service-Disabled Veteran-Owned Small Business	3.0%

In determination of the above goals, the following procurement base information, in conjunction with current and previous fiscal year performance, was utilized:

FY 2024 Projected Procurement Base:	\$819,499,986
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The projected procurement base estimate above represents total commitments comprised of both direct and indirect costs associated with planned procurements for the Y-12 National Security Complex (Y-12), the Pantex Plant (Pantex), and the Uranium Processing Facility Project (UPF). In order to establish goal percentages, CNS used a small business percentage based on historical average increases/decreases for small and large business dollars using data from 2014 forward to establish a trend to determine a reasonable goal.

The Total FY24 Projected Procurement Base is comprised of the following:

- Y-12/Pantex \$753,499,986
- Uranium Processing Facility (UPF) \$ 66,000,000

Existing large business spend reports and forecast commitments were reviewed for possible convertible requirements as part of this process to ensure that small business opportunities are always considered. Large business risks that are taken into consideration are as follows: Lithium Processing Facility (LPF), High Explosives Science & Engineering Facility (HESE), Uranium Processing Facility (UPF) change orders for delivered or procured equipment, depleted uranium management disposal/shipments, credit card purchases (counted as large), awards to universities, benefits, architect/engineer needs, and awards to large firms that maintain a "possessing facility" status.

The proposed percentages above and included in the attached worksheet are contingent on funding and scope assumptions currently directed by the National Nuclear Security Administration, in the event significant modifications to these assumptions are experienced, CNS reserves the right to revisit these goals and adjust accordingly.

The estimate was established in accordance with Federal Acquisition Regulation clauses 52.219-8 and 52.219-9 to provide "maximum practicable opportunities" for small businesses to compete for and participate in performing subcontracts with Y-12, Pantex, and UPF.

Additionally, we stand committed to a 7.0% goal for Woman Owned Small Business for FY24. The rationale supporting our commitment is based on the following: 1) 7.0% is a realistic goal in consideration of recent years performance and anticipation of FY24 projects that will, by the nature of the work and the geographical locations of our two sites, be awarded to other than small business; 2) The Small Business and Small Disadvantaged Business goals were increased from FY23 goal levels, noting a commitment to increasing contract awards in areas where we feel we have the greatest potential for a positive impact.

CNS will continue to look for opportunities to offset any large business spend that may be convertible to small in order to maintain small business utilization growth until the successful completion of the UPF Project forecast in 2025.

If you have any questions or concerns, please contact me at 865-574-4987 or Scott Clemons, Director, Enterprise Business Management at 865-241-4907.

Sincerely yours,

A redacted signature consisting of a solid black rectangular block.

Barry S. Hyden
Director, Procurement Operations

SEC:jg

Mr. Aaron FehI
Page 3
September 6, 2023

c/att: Scott E. Clemons
Rick D. Hillert
Gary G. Lyttek, NNSA
Claude E. Rogers

Concurrence:

By:  Date: _____
Contracting Officer

SECTION J

APPENDIX N

October 2023

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, and 0303]

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 Admin Chg 1	Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA	0015	Effective 7/2/14*
DOE M 142.2-1 Admin Chg 1	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	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	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 1	Information Technology Management	0111	Effective 4/24/17
DOE O 205.1C, Chg 1	Department of Energy Cyber Security Program	0273	Effective 8/11/22

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
DOE O 206.1 Chg 1	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	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	Implementation of Department of Energy Oversight Policy	0285	Effective 2/22/23
DOE O 227.1A Chg 1	Independent Oversight Program	0273	Effective 10/8/22
DOE O 231.1B Admin Chg 1	Environment, Safety and Health Reporting	0015	Effective 7/2/14*
DOE O 232.2A Chg 1	Occurrence Reporting and Processing of Operations Information	0189	Effective 11/14/19
DOE O 241.1B Admin Chg. 1	Scientific and Technical Information Management	0094	Effective 5/24/16
DOE O 243.1C	Records Management Program	0262	Effective 3/15/22 Contingent upon approved Implementation Plan
DOE O 252.1A Admin Chg 1	Technical Standards Program	0015	Effective 7/2/14*
DOE O 341.1A	Federal Employee Health Services		
DOE O 410.2 Admin Chg 1	Management of Nuclear Materials	0015	Effective 7/2/14*
DOE O 411.2	Scientific Integrity	0101	Effective 3/22/17
DOE O 412.1A Admin Chg 1	Work Authorization System	0034	Effective 1/13/15
DOE O 413.3B Chg 7	Program and Project Management for the Acquisition of Capital Assets	0303	Effective 9/23/23
DOE O 414.1D Admin Chg 2	Quality Assurance	0210	Effective 10/23/20
DOE O 415.1 Chg 2	Information Technology Project Management	0111	Effective 4/17/17
DOE O 420.1C Chg 3	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	Conduct of Operations	0262	Effective 3/18/22
DOE O 425.1D Chg 2	Verification of Readiness to Start Up or Restart Nuclear Facilities	0189	Effective 11/26/19
DOE O 426.2 Admin Chg 1	Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities	0015	Effective 7/2/14*

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
DOE O 433.1B Admin Chg 1	Maintenance Management Program for DOE Nuclear Facilities	0015	Effective 7/2/14*
DOE O 435.1 Chg 2	Radioactive Waste Management	0229	Effective 2/26/21
DOE M 435.1-1 Chg 3	Radioactive Waste Management Manual	0229	Effective 3/11/21
DOE N 435.1	Contact-Handled and Remote-Handled Transuranic Waste Packaging		
DOE O 436.1	Departmental Sustainability		
DOE O 437.1	Bridge and Tunnel Management	0229	Effective 3/10/21 Applies to Y-12 Only
DOE O 440.2C Chg 3	Aviation Management and Safety	0285	Effective 4/28/23
DOE M 441.1-1 Admin Chg 1	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	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 Admin Chg 4	Radiation Protection of the Public and the Environment	0210	Effective 10/23/20
DOE O 460.1D Chg 1	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	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		
DOE O 462.1 Admin Chg 1	Import and Export of Category 1 and 2 Radioactive Sources and Aggregate Quantities	0015	Effective 7/2/14*
DOE O 470.3C Chg 1	Design Basis Threat (DBT)	0229	Effective 12/23/20
DOE O 470.4B Chg 3	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	Technical Security Program	0140	Effective 5/15/18

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
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	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 (corrected effective date error in mod 0273)
DOE O 473.2A	Protective Force Operations	0262	Effective 3/17/22
DOE O 474.2 Admin Chg 4	Nuclear Material Control and Accountability	0094	Effective 1/17/17
DOE O 475.1	Counterintelligence Program		
DOE O 475.2B	Identifying Classified Information	0045	Effective 5/29/15
DOE O 483.1B Chg 2	DOE Cooperative Research and Development Agreements	0189	Effective 1/14/20
DOE O 484.1 Chg 3	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 Administrative change to Title
DOE O 520.1B Chg 1	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 550.1 Chg 1	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		
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-1066-2016	DOE Standard – Fire Protection	0117	Effective 9/12/17
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

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
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
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
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*

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
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		
Joint DOE/DoD Technical Publication 45-51B	Transportation of Nuclear Weapons Material	0034	Effective 5/28/15 (Reference Document Change)
NA-10 WQAPM	Weapon Quality Assurance Procedures Manual	0034	See NAP 401.1 comments (corrected reference in Mod 0241)
NFPA Codes and Standards	NFPA Codes and Standards		
NHPA CRMP (April 2004)	Pantex Plant Cultural Resource Management Plan	0094	Effective 5/29/15
NNSA Policy Letter: NAP 121.1A	Enterprise-Wide Strategic Planning	0241	Effective 6/9/21
NNSA Policy Letter: NAP 401.1A Admin Chg 2 (formerly NAP-24A)	Weapon Quality Policy	0262	Effective 4/11/22
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

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
NNSA Policy Letter: NAP-413.1 (recertified)	Data Collection for Cost Estimating	0273	Effective 11/17/22
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*
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 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 206.1	Privacy Program	0166	Effective 1/16/19
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 O 350.1	Management and Operating Contractor Service Credit Recognition	0015	Effective 7/2/14*
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, and 0303.

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
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
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

Reference Document	Title	Mod	Notes
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)**

<u>Name</u>	<u>Title</u>	<u>Functional Area</u>
CLIN 0001		
Robbins, Teresa	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
Hitson, Mary Helen	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 Investigation, National Environmental Policy Act, cultural

<u>Name</u>	<u>Title</u>	<u>Functional Area</u>
		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-24A.
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.
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 work control, facility and site management and maintenance programs.
Slack, Terri L.	Site Counsel	Oversight of all legal matters, including the administration of 10 CFR 719, Contractor Legal Management Requirements.

<u>Name</u>	<u>Title</u>	<u>Functional Area</u>
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-24A, Weapon Quality Policy, Attachment 3, Section 1.2.2.a.
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 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.
Walsh, Patricia A.	Deputy Assistant Manager for Safeguards & Security	All programmatic and project activities for the functional areas of Safeguards & Security and Emergency Management.
Warner, Larry D	Site Counsel	Oversight of all legal matters, including the administration of 10 CFR 719, Contractor Legal Management Requirements.

CLIN 0002

Christenson, Dale E.	UPF Federal Project Director NA-APM-1	CLIN 0002 Uranium Processing Facility Project Management
Peters, Richard D. (Don)	Federal Project Director UPF Project Office	CLIN 0002 Uranium Processing Facility (UPF) Project Management

Federal Project Management		
Creasy, Darryl	Federal Project Director	Ongoing programmatic and project activities to include, but not be limited to, the West End Protected Area Reduction project.
Daegorn, Adam	Federal Project Director	Ongoing programmatic and project activities to include, but not be limited to, the West End Protected Area Reduction Project.
LaForest, Jr. James R.	Federal Project Director	Ongoing programmatic and project activities to include, but not limited to, the Uranium Processing Facility Project.
Thompson, Eric	Federal Project Director	Ongoing programmatic and project activities to include, but not be limited to, the Electrefiner and Y-12 Fire Station Projects.
Overbay, Fred	Federal Project Director	Ongoing programmatic and project activities to include, but not be limited to, the 9212 Calciner Project.
Christenson, Dale	Federal Project Director	Ongoing programmatic and project management activities to include, but not limited to, ALL Y-12 APMO defined projects.
Pearson, Michael	Federal Project Director	Ongoing programmatic and project management activities to include, but not limited to, ALL Y-12 APMO defined projects.
Russell, Paige	Federal Technical Director	Ongoing programmatic and project management activities to include, but not limited to, ALL Y-12 APMO defined projects.
Peters, Richard D.	Federal Project Director	Ongoing programmatic and project activities to include, but not limited to, the Uranium 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.